



Marine and Estuarine Mollusc of West Bengal Coast: An Overview

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Abstract

Present paper is an overview of marine and estuarine mollusc of West Bengal coast, based on recent surveys and the published literature. The checklist consists of Gastropoda, Scaphopoda, Bivalve and Cephalopoda available in and around the marine and estuarine waters of West Bengal coast. In total 301 species are enlisted, belongings to 184 genera, 89 families and 26 orders under four classes. Also, the paper includes the 5 species which are new record to the West Bengal coast.

Keywords: Checklist, Coastal Fauna, Conservation, Malacological Diversity

Introduction

India having more than seven thousand kilometers long coast line belongings to the peninsular India and two Island group, the Andaman & Nicobar and Lakshadweep. The West Bengal having 157 km long coast line (without considering the coastal length of creeks and River Islands) along northern part of east coast of India on Bay of Bengal. The river Ganga and Brahmaputra meets to the Bay of Bengal at Sundarban to form numbers of River Islands and creeks. The coast line consists of mudflats and mangrove ecosystem of Sundarban and wide intertidal area of sandy beaches at Bokhali to Digha. Exploration of mollusc of West Bengal coast started in late 19th and early 20th century, i.e. malacology of lower Bengal by Stoliczka (1869), brackishwater mollusc from outskirts of Calcutta and port Canning by Nevill (1880), Annandale (1907, 1922), Eliot (1910), Preston (1915) and Annandale and Prasad (1919, 1921). Eerstwhile major contribution on Indian marine mollusc is by Subba Rao (2003, 2017), Ramakrishna and Dey (2010) and Dey (2016). During the regular survey along the coast authors have collected large number of molluscan fauna and deposited them at Marine Aquarium and Regional Centre and documented. The present study

provides most updated list of molluscan diversity of West Bengal coast and some total numbers of 301 species are recorded to this locality including gastropoda, bivalvia, scaphopoda and cephalopoda. Numerous studies have already been made for the inventorisation the marine and estuarine molluscan faunal diversity of West Bengal coast by Subba Rao *et al.* (1983, 1992, 1995), Choudhury *et al.* (1984), Chandrasekhara Rao and Misra (1986), Mandal and Nandi (1989), Goswami (1992), Khan (2003), Ramakrishna *et al.* (2003), Khalua *et al.* (2003), Dey *et al.* (2005), Dey and Mitra (2005), Dey (2006), Roy *et al.* (2008), Chakraborty (2010), Yennawar and Tudu (2014), and Tudu *et al.* 2017a and b). The present paper summarises all the reports along with the authors original work and represents a complete upto date checklist of marine and estuarine malacofauna of West Bengal.

Material and Methods

The 157 km long coast line of West Bengal is surveyed for faunal exploration, and 8 localities are selected for the study i.e. Bokhali (21° 33'N and 88° 15' E), Fraserganj (21° 33'N and 88° 14' E), Sagar Island (21° 37'N and 88° 04' E), Dariapur (Petuaghat) (21°47'N and 87° 53' E), Mondarmoni (21° 39'N and 87° 42' E), Tajpur

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(21° 38' N and 087° 38' E), Shankarpur (21° 38' N and 087° 34' E) and Digha (21° 37' N and 087° 31' E). Along with these localities, adjoining areas are surveyed and the live molluscs as well as dead shells are collected. The live specimens are preserved in the 4% formaldehyde solution and dead shells are kept dry in plastic boxes. Voucher specimens were deposited at the Marine Aquarium and Regional Centre, Zoological Survey of India (collection by P.C. Tudu). The identification was made based on their morphological characters and classification of Bouchet and Rocroi (2005), Bieler *et al.* (2010) and Vecchione *et al.* (1998) is followed for gastropods, bivalve, scaphopoda and cephalopoda respectively. Also, the specimens which were reported by previous workers are incorporated from different available literatures and included in the checklist.

Results

After examining the all collections of West Bengal coast and reviewing the available literature, an updated

checklist has been presented and only the species with valid names are enlisted. In this list 301 species belonging to 184 genera, 89 families, 26 orders and four classes are enlisted (Table 1). The highest number of species belongs to gastropoda (151 species), followed by bivalvia (137 species), and cephalopoda (10 species), and scaphopoda having three species. The present study reveals the first record of 5 species from West Bengal coast i.e. *Ergaea walshi* (Reeve, 1859), *Eunaticina papilla* (Gmelin, 1791), *Nassarius pullus* (Linnaeus, 1758), *Diplodonta satparaensis* Preston, 1915 and *Dosinia areolata* Römer, 1870 of family Calyptraeidae, Naticidae, Nassariidae, Ungulinidae and Veneridae respectively and all the species are collected from Digha coast (marked with asterisk * in Table 1). The Veneridae family of class Bivalvia is dominating this coast with 23 species belonging to 15 genera and followed by Mactridae family with 17 species and Tellinidae and Neritidae family with each 15 species. Present study reveals that this coast is very rich in molluscan diversity.

Table 1. Checklist of marine and estuarine mollusc of West Bengal coast (Species marked with asterisk * are first record to this coast).

| Classification (Synonym with reference) | Locality and reference |
|---|---|
| Phylum MOLLUSCA Class GASTROPODA Sub class PATELLOGASTROPODA Super family LOTTIOIDEA Gray, 1840 Family LOTTIDAE Gray, 1840 Genus <i>Potamacmaea</i> Peile, 1922 | |
| <i>Potamacmaea fluviatilis</i> (Blanford, 1867) | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995; Khan, 2003) |
| Order VETIGASTROPODA Super family TROCHOIDEA Rafinesque, 1815 Family TROCHIDAE Rafinesque, 1815 Subfamily UMBONIINAE H. Adams & A. Adams, 1854 Genus <i>Umbonium</i> Link, 1807 | |
| <i>Umbonium vestiarium</i> (Linnaeus, 1758) | Digha, Shankarpur (Subba Rao <i>et al.</i> , 1992; Goswami, 1992, Ramakrishna <i>et al.</i> , 2003; Khalua <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Sub family TURBININAE Rafinesque, 1815 Genus <i>Turbo</i> Linnaeus, 1758 | |
| <i>Turbo bruneus</i> (Röding, 1798) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family SOLARIELLIDAE Powell, 1951 Genus <i>Solariella</i> S.V.Wood, 1842 | |
| <i>Solariella sataparaensis</i> Preston, 1914 | Sandhead (Subba Rao <i>et al.</i> , 1992) |

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| Order CYCLONERITIMORPHA Super family NERITOIDEA Rafinesque, 1815 Family NERITIDAE Rafinesque, 1815 Genus <i>Clithon</i> Montfort, 1810 | |
| <i>Clithon oualaniensis</i> (Lesson, 1831) | Canning (Roy <i>et al.</i> , 2008) |
| Genus <i>Nerita</i> Linnaeus, 1758 | |
| <i>Nerita articulata</i> Gould, 1847 | Entire coast (Subba Rao <i>et al.</i> , 1983, 1987, 1992, 1995; Mandal and Nandi, 1989; Khan, 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| <i>Nerita balteata</i> Reeve, 1855 | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Nerita chamaeleon</i> Linnaeus, 1758 | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Nerita grayana</i> Récluz, 1844 | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Nerita undata</i> Gmelin, 1791 | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Neritina</i> Lamarck, 1816 | |
| <i>Neritina smithi</i> Wood, 1828 | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995; Roy <i>et al.</i> , 2008), Midnapore coast (Khalua <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Neritina violacea</i> (Gmelin, 1791) | Entire coast (Annandale and Prashad, 1919; Subba Rao <i>et al.</i> , 1983, 1987, 1992, 1995; Mandal and Nandi, 1989; Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Khan, 2003; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Neripteron</i> Lesson, 1831 | |
| <i>Neripteron platyconcha</i> (Annandale & Prashad, 1919) | Gangtic delta (Annandale and Prashad, 1919) |
| <i>Neripteron cornucopia</i> (Benson, 1836) | Digha (Tudu <i>et al.</i> , 2017a) |
| Genus <i>Pseudonerita</i> Baker, 1924 | |
| <i>Pseudonerita obtusa</i> (Sowerby, 1841) | Sundarban, Hugli River (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995) |
| <i>Pseudonerita sulculosa</i> (Martens, 1877) | Sundarban (Subba Rao <i>et al.</i> , 1983, 1995; Mandal and Nandi, 1989; Khan, 2003), Sagar (Subba Rao <i>et al.</i> , 1987; Dey <i>et al.</i> , 2005), Diamond Harbour, Haldia, Geokhali (Subba Rao <i>et al.</i> , 1992) |
| Genus <i>Clithon</i> Montfort, 1810 | |
| <i>Clithon reticulare</i> (Sowerby I, 1836) | Calcutta, Falta (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus <i>Septaria</i> Férussac, 1807 | |
| <i>Septaria caerulescens</i> (Sowerby) | Sundarban (Mandal and Nandi, 1989, Subba Rao <i>et al.</i> , 1995), Calcutta, Falta, Zoological Garden (Subba Rao <i>et al.</i> , 1992) |
| <i>Septaria lineata</i> (Lamarck, 1816) | Hugli River (Subba Rao <i>et al.</i> , 1992, 1995), Sundarban (Khan, 2003) |
| Super family VIVIPAROIDEA Family VIVIPARIDAE Genus <i>Bellamyia</i> Jousseaume, 1886 | |
| <i>Bellamyia bengalensis</i> (Lamarck, 1822) | Hugli Matla (Subba Rao <i>et al.</i> , 1995), Midnapore coast (Khalua <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Bellamyia dissimilis</i> (Müller, 1774) | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |

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| <i>Bellamyia crassa</i> (Benson, 1836) | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Order LITTORINIMORPHA Super family TRUNCATELLOIDEA Gray, 1840 Family CLENCHIELLIDAE Taylor, 1966 Genus <i>Coliracemata</i> Ponder, Fukuda & Hallan, 2014 | |
| <i>Coliracemata microscopica</i> (Nevill, 1877) = <i>Tubiola microscopica</i> (Nevill) (Ponder <i>et al.</i> , 2014) | Sundarban, Port canning, Matla river (Subba Rao <i>et al.</i> , 1992, 1995; Khan, 2003) |
| <i>Coliracemata innocens</i> (Preston, 1915) | Sundarban (Mandal and Nandi, 1989) |
| Super family CALYPTRAEOIDEA Lamarck, 1809 Family CYPRAEIDAE Rafinesque, 1815 Genus <i>Monetaria</i> Troschel, 1863 | |
| <i>Monetaria annulus</i> (Linnaeus, 1758) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Monetaria moneta</i> (Linnaeus, 1758) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family CALYPTRAEOIDEA Lamarck, 1809 Genus <i>Siphopatella</i> | |
| <i>Siphopatella walshi</i> (Reeve, 1859) | Digha (Present collection) |
| Super family FICOIDEA Family FICIDAE Meek, 1864 (1840) Genus <i>Ficus</i> Röding, 1798 | |
| <i>Ficus gracilis</i> (Sowerby I, 1825) | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Ficus variegata</i> Röding, 1798 | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Super family LITTORINOIDEA Children, 1834 Family LITTORINIDAE Children, 1834 Subfamily LITTORININAE Children, 1834 Genus <i>Littoraria</i> Gray, 1833 | |
| <i>Littoraria carinifera</i> (Menke, 1830) | Prentice Island (Choudhury <i>et al.</i> , 1984; Mandal and Nandi, 1989) |
| <i>Littoraria delicatula</i> (Nevill, 1885) | Sundarban (Annandale and Prashad, 1919) |
| <i>Littoraria melanostoma</i> (Gray, 1839) | Entire coast (Annandale and Prashad, 1919; Subba Rao <i>et al.</i> , 1983, 1987, 1992, 1995; Choudhury <i>et al.</i> , 1984; Mandal and Nandi, 1989; Goswami, 1992; Khan, 2003; Ramakrishna <i>et al.</i> , 2003; Khalua <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| <i>Littoraria scabra</i> (Linnaeus, 1758) | Entire coast (Subba Rao <i>et al.</i> , 1983, 1987, 1992, 1995; Mandal and Nandi, 1989; Khan, 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Digha (Tudu <i>et al.</i> , 2017b) |
| <i>Littoraria undulata</i> (Gray, 1839) | Entire coast (Choudhury <i>et al.</i> , 1984; Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995; Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Super family NATICOIDEA Family NATICIDAE Guilding, 1834 Subfamily NATICINAE Guilding, 1834 Genus <i>Natica</i> Scopoli, 1777 | |

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| <i>Natica lineata</i> (Röding, 1798) | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Natica maculosa</i> Lamarck, 1822 | Digha (Goswami, 1992; Tudu <i>et al.</i> , 2017b) |
| <i>Natica vitellus</i> (Linnaeus, 1758) | Sandhead (Subba Rao <i>et al.</i> , 1992), Midnapore coast (Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus Notocochlis Powell, 1933 | |
| <i>Notocochlis gualteriana</i> (Récluz, 1844) | Sundarban (Subba Rao <i>et al.</i> , 1987; Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995), Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Tudu <i>et al.</i> , 2017b) |
| <i>Notocochlis tigrina</i> (Röding, 1798) | Entire coast (Subba Rao <i>et al.</i> , 1987, 1992, 1995; Mandal and Nandi, 1989; Khan, 2003; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Subfamily POLINICINAE Gray, 1847 Genus Glossaulax Pilsbry, 1929 | |
| <i>Glossaulax petiveriana</i> (Récluz, 1843) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus Neverita Risso, 1826 | |
| <i>Neverita didyma</i> (Röding, 1798) | Digha, Sandhead (Subba Rao <i>et al.</i> , 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Polinices Montfort, 1810 | |
| <i>Polinices mammilla</i> (Linnaeus, 1758) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Polinices tumidus</i> (Swainson, 1840) | Digha, Sandhead (Subba Rao <i>et al.</i> , 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Sinum Röding, 1798 | |
| <i>Sinum neritoideum</i> (Linnaeus, 1758) | Digha, Sandhead (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Subfamily SININAE Woodring, 1928 Genus Eunaticina Fischer, 1885 | |
| <i>Eunaticina papilla</i> (Gmelin, 1791) | Digha (Present collection) |
| Family IRAVADIIDAE Thiele, 1928 Genus Iravadia Blanford, 1867 | |
| <i>Iravadia ornata</i> Blanford, 1867 | Port Canning (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Family STENOTHYRIDAE Tyron, 1866 Genus Stenothyra Benson, 1856 | |
| <i>Stenothyra blanfordiana</i> Nevill, 1880 | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995; Khan, 2003; Roy <i>et al.</i> , 2008) |
| <i>Stenothyra deltae</i> (Benson, 1836) | Entire coast (Subba Rao <i>et al.</i> , 1983, 1987, 1992, 1995; Mandal and Nandi, 1989; Khan, 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| <i>Stenothyra echinata</i> Annandale and Prasad, 1919 | Sundarban (Annandale and Prasad, 1919) |
| <i>Stenothyra nana</i> Annandale and Prasad, 1921 | Hugli Matla estary (Subba Rao <i>et al.</i> , 1995) |
| <i>Stenothyra ornata</i> Annandale and Prasad, 1921 | Hugli Matla estary (Subba Rao <i>et al.</i> , 1995) |

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| <i>Stenothyra soluta</i> Annandale and Prashad, 1919 | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1995), Basanti (Subba Rao <i>et al.</i> , 1992) |
| <i>Stenothyra woodmasoniana</i> Nevill, 1880 | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1995), Port Canning (Subba Rao <i>et al.</i> , 1992) |
| Genus Gangetia Ancey, 1890 | |
| <i>Gangetia miliacea</i> (Nevill, 1880) | Sundarban region (Annandale and Prashad, 1919; Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995; Roy <i>et al.</i> , 2008) |
| Super family RISSOIDEA Family ASSIMINEIDAE H. Adams & A. Adams, 1856 Genus Assiminea Fleming, 1828 | |
| <i>Assiminea beddomeana</i> Nevill, 1880 | Entire coast (Annandale and Prashad, 1919; Subba Rao <i>et al.</i> , 1983, 1987, 1992, 1995; Mandal and Nandi, 1989; Khan, 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| <i>Assiminea brevicula</i> (Pfeiffer, 1854) | Entire coast (Annandale and Prashad, 1919; Subba Rao <i>et al.</i> , 1983, 1987, 1992, 1995; Choudhury <i>et al.</i> , 1984; Mandal and Nandi, 1989; Khan, 2003; Khalua <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| <i>Assiminea francesiae</i> Wood, 1828 | Entire coast (Annandale and Prashad, 1919; Subba Rao <i>et al.</i> , 1987, 1992, 1995; Mandal and Nandi, 1989; Khan, 2003; Khalua <i>et al.</i> , 2003) |
| <i>Assiminea hungerfordiana</i> Nevill, 1880 | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1995) |
| <i>Assiminea theobaldiana</i> Nevill, 1880 | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995) |
| <i>Assiminea microsculpta</i> Nevill | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995) |
| <i>Assiminea woodmasoniana</i> G.Nevill, 1880 | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995) |
| Super family TONNOIDEA Suter, 1913 (1825) Family TONNIDAE Suter, 1913 (1825) Genus Tonna Brünnich, 1771 | |
| <i>Tonna dolium</i> (Linnaeus, 1758) | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Tonna sulcosa</i> (Born, 1778) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Tonna sulcosa</i> (Born, 1778) | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family CASSIDAE Latreille, 1825 Genus Semicassis Mörch, 1852 | |
| <i>Semicassis bisulcata</i> (Schubert and Wagner, 1829) | Sandhead (Subba Rao <i>et al.</i> , 1992) |
| Family BURSIDAE Thiele, 1925 Genus Bursa Röding, 1798 | |
| <i>Bursa spinosa</i> (Lamarck, 1843) | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus Bufonaria Schumacher, 1817 | |
| <i>Bufonaria rana</i> (Linnaeus, 1758) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Family RANELLIDAE Genus Gyrineum Link, 1807 | |

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| <i>Gyrineum natator</i> (Röding, 1798) | Ganga Sagar (Subba Rao <i>et al.</i> , 1987, 1992; Roy <i>et al.</i> , 2008), Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Super family VELUTINOIDEA Family VELUTINIDAE Genus Lamellaria Montagu, 1816 | |
| <i>Lamellaria indica</i> Leach, 1867 | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Super family XENOPHOROIDEA Troschel, 1852 (1840) Family XENOPHORIDAE Troschel, 1852 (1840) Genus Xenophora Fischer von Waldheim, 1807 | |
| <i>Xenophora solaris</i> (Linnaeus, 1764) | Sandhead (Subba Rao <i>et al.</i> , 1992) |
| Super family EPITONIOIDEA Berry, 1910 (1812) Family EPITONIIDAE Berry, 1910 (1812) Genus Acrilla H. Adams, 1860 | |
| <i>Acrilla acuminata</i> (Sowerby II, 1844) | Entire coast (Subba Rao <i>et al.</i> , 1987, 1992, 1995; Khalua <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b), |
| <i>Acrilla gracilis</i> H. Adams, 1873 | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Super family EULIMOIDEA Family EULIMIDAE Pilippi, 1853 Genus Niso Risso, 1826 | |
| <i>Niso pyramidelloides</i> Nevill, 1871 | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus Melanella Bowdich, 1822 | |
| <i>Melanella cuspidata</i> (A. Adams, 1854) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Order SORBECONCHA Super family CERITHIOIDEA Fleming, 1822 Family POTAMIDIDAE H. Adams & A. Adams, 1853 | |
| Genus Cerithidea Swainson, 1840 | |
| <i>Cerithidea obtusa</i> (Lamarck, 1822) | Entire coast (Subba Rao <i>et al.</i> , 1983, 1987, 1992, 1995; Mandal and Nandi, 1989; Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| Genus Cerithideopsilla Thiele, 1929 | |
| <i>Cerithideopsilla cingulata</i> (Gmelin, 1791) | Entire coast (Choudhury <i>et al.</i> , 1984; Subba Rao <i>et al.</i> , 1987, 1992, 1995; Mandal and Nandi, 1989; Goswami, 1992; Khan, 2003; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| Genus Pirenella Gray, 1847 | |
| <i>Pirenella alata</i> (Philippi, 1849) | Sagar, Kakdwip, Canning (Roy <i>et al.</i> , 2008), Digha (Tudu <i>et al.</i> , 2017b) |
| Genus Telescopium Montfort, 1810 | |
| <i>Telescopium telescopium</i> (Linnaeus, 1758) | Entire coast (Subba Rao <i>et al.</i> , 1983, 1987, 1992, 1995; Choudhury <i>et al.</i> , 1984; Goswami, 1992; Khan, 2003; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |

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| Family THIARIDAE Gill, 1871 (1823) | |
| Genus <i>Brotia</i> Adams, 1866 | |
| <i>Brotia costula</i> (Rafinesquae, 1833) | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus <i>Larina</i> | |
| <i>Larina burmana</i> Blanford, 1867 | Entire coast (Subba Rao <i>et al.</i> , 1992, 1995; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Thiara</i> Röding, 1798 | |
| <i>Thiara granifera</i> (Lamarck, 1822) | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Thiara lineata</i> (Gray, 1828) | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995), Midnapore coast (Khalua <i>et al.</i> , 2003) |
| <i>Thiara paludomidea</i> (Nevill, 1884) | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1995), Namkhana, Port Canning (Subba Rao <i>et al.</i> , 1992; Roy <i>et al.</i> , 2008) |
| <i>Thiara scabra</i> (Müller, 1774) | Sundarban (Khan, 2003; Subba Rao <i>et al.</i> , 1995) |
| <i>Thiara tuberculata</i> (Müller, 1774) | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Family TURRITELLIDAE Lovén, 1847 Sub family TURRITELLINAE Lovén, 1847 Genus <i>Turritella</i> Lamarck, 1799 | |
| <i>Turritella attenuata</i> Reeve, 1849 | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Turritella columnaris</i> Kiener, 1843 | Shankarpur (Yennawar and Tudu, 2014), Digha (Tudu <i>et al.</i> , 2017b) |
| Order NEOGASTROPODA Super family BUCCINOIDEA Rafinesque, 1815 Family COLUMBELLIDAE Swainson, 1840 Genus <i>Pseudanachis</i> Thiele, 1924 | |
| <i>Pseudanachis basedowi</i> (Hadley, 1918) = <i>Columbella duclosiana</i> Sowerby I, 1844 | Sundarban, Bokhali (Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995) |
| Family NASSARIIDAE Iredale, 1916 (1835) Subfamily NASSARIINAE Iredale, 1916 (1835) Genus <i>Nassarius</i> Dumèril, 1805 | |
| <i>Nassarius dorsatus</i> (Röding, 1798) | Shankarpur (Yennawar and Tudu, 2014), Digha (Tudu <i>et al.</i> , 2017b) |
| <i>Nassarius foveolatus</i> (Dunker, 1847) | Entire coast (Choudhury <i>et al.</i> , 1984; Subba Rao <i>et al.</i> , 1987, 1992, 1995; Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| <i>Nassarius nodifer</i> (Powys, 1835) | Ganga Sagar (Subba Rao <i>et al.</i> , 1987) |
| <i>Nassarius orissaensis</i> (Preston, 1914) | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1995), Matla river, Namkhana, Gosaba (Subba Rao <i>et al.</i> , 1992) |
| <i>Nassarius pullus</i> (Linnaeus, 1758) | Digha (Present collection) |
| <i>Nassarius stolatus</i> (Gmelin, 1791) | Entire coast (Subba Rao <i>et al.</i> , 1987, 1992, 1995; Mandal and Nandi, 1989; Goswami, 1992; Khan, 2003; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Nassarius subconstrictus</i> (Sowerby III, 1899) | Sundarban (Mandal and Nandi, 1989) |

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| Family MELONGENIDAE Gill, 1871 (1854) Genus <i>Volegalea</i> Iredale, 1938 | |
| <i>Volegalea cochlidium</i> (Linnaeus, 1758) | Entire coast (Subba Rao <i>et al.</i> , 1987, 1992, 1995; Mandal and Nandi, 1989; Goswami, 1992; Khan, 2003; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Super family MURICOIDEA Rafinesque, 1815 Family MURICIDAE Rafinesque, 1815 Subfamily MURICINAE Rafinesque, 1815 Genus <i>Murex</i> Linnaeus, 1758 | |
| <i>Murex tribulus</i> Linnaeus, 1758 | Sandhead (Subba Rao <i>et al.</i> , 1992), Midnapore coast (Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Subfamily RAPANINAE Gray, 1853 Genus <i>Indothais</i> Claremont, Vermeij, Williams & Reid, 2013 | |
| <i>Indothais blanfordi</i> (Melvill, 1893) | Sagar, Canning (Roy <i>et al.</i> , 2008), Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Indothais lacera</i> (Born, 1778) | Entire coast (Choudhury <i>et al.</i> , 1984; Subba Rao <i>et al.</i> , 1987, 1992, 1995; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Purpura</i> Bruguière, 1789 | |
| <i>Purpura bufo</i> Lamarck, 1822 | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Semiricinula</i> Martens, 1904 | |
| <i>Semiricinula konkanensis</i> (Melvill, 1893) | Digha (Yennawar and Tudu, 2014) |
| Genus Rapana Schumacher, 1817 | |
| <i>Rapana rapiformis</i> (Born, 1778) | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family MARGINELLIDAE Fleming, 1828 Genus <i>Marginella</i> Lamarck, 1799 | |
| <i>Marginella ventricosa</i> Hadley, 1903 | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family VOLUTIDAE Genus <i>Melo</i> Broderip in Sowerby I, 1826 | |
| <i>Melo melo</i> (Lightfoot, 1786) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Super family OLIVOIDEA Latreille, 1825 Family OLIVIDAE Latreille, 1825 Genus <i>Agaronia</i> Gray, 1839 | |
| <i>Agaronia gibbosa</i> (Born, 1778) | Sandhead (Subba Rao <i>et al.</i> , 1992), Midnapore coast (Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Agaronia nebulosa</i> (Lamarck, 1822) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Agaronia plicaria</i> Lamarck, 1811 | Digha (Goswami, 1992; Tudu <i>et al.</i> , 2017b) |

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| Genus <i>Ancilla</i> Lamarck, 1799 | |
| <i>Ancilla ampla</i> (Gmelin, 1791) | Entire coast (Subba Rao <i>et al.</i> , 1987, 1992, 1995; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Oliva</i> Bruguière, 1789 | |
| <i>Oliva oliva</i> (Linnaeus, 1758) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Oliva vidua</i> (Röding, 1798) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Super family CONOIDEA Family CLAVATULIDAE Gray, 1853 Genus <i>Turricula</i> Schumacher, 1817 | |
| <i>Turricula javana</i> (Linnaeus, 1767) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Turridrupa</i> Hedley, 1922 | |
| <i>Turridrupa bijubata</i> (Reeve, 1843) | Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Ptychobela</i> Thiele, 1925 | |
| <i>Ptychobela nodulosa</i> (Gmelin, 1791) = <i>Brachytoma crenularis</i> (Lamarck, 1822) (Kilburn, 1989) | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family TEREBRIDAE Mörch, 1852 Genus <i>Terebra</i> Bruguière, 1789 | |
| <i>Terebra duplicata</i> (Linnaeus, 1758) | Ganga Sagar (Subba Rao <i>et al.</i> , 1987) |
| Genus <i>Hastula</i> H. Adams & A. Adams, 1853 | |
| <i>Hastula tenera</i> (Hinds, 1844) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Euterebra</i> Cotton & Godfrey, 1932 | |
| <i>Euterebra padangensis</i> (Thiele, 1925) = <i>Terebra durgella</i> Ray, 1968 | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Granuliterebra</i> Oyama, 1961 | |
| <i>Granuliterebra tricineta</i> (E. A. Smith, 1877) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family TURRIDAE Adama & Adams, 1853 (1838) Genus <i>Turridrupa</i> Hedley, 1922 | |
| <i>Turridrupa bijubata</i> (Reeve, 1843) | Digha (Subba Rao <i>et al.</i> , 1992) |
| Family BORSONIIDAE A. Bellardi, 1875 Genus <i>Tomopleura</i> Casey, 1904 (Bouchet <i>et al.</i> 2011) | |
| <i>Tomopleura vertebrata</i> (Smith, 1875) | Jharkhali (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Super family CANCELLARIOIDEA Family CANCELLARIIDAE Forbes & Hanely, 1851 Genus <i>Scalptia</i> Jousseaume, 1187 | |
| <i>Scalptia scalariformis</i> (Lamarck, 1822) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |

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| Order HETEROBRANCHIA Super Family ARCHITECTONICOIDEA Family ARCHITECTONICIDAE Genus <i>Architectonica</i> Röding, 1798 | |
| <i>Architectonica perspectiva</i> (Linnaeus, 1755) | Sundarban, Digha, Diamond Harbor (Subba Rao <i>et al.</i> , 1992, 1995; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Heliacus</i> d'Orbigny, 1842 | |
| <i>Heliacus stramineus</i> (Gmelin, 1791) | Sandhead (Subba Rao <i>et al.</i> , 1992) |
| Super family PYRAMIDELLOIDEA Gray, 1840 Family PYRAMIDELLIDAE Gray, 1840 Genus <i>Odostomia</i> Fleming, 1813 | |
| <i>Odostomia babylonica</i> Winckworth, 1940 | Digha (Subba Rao <i>et al.</i> , 1992; Tudu <i>et al.</i> , 2017b) |
| <i>Odostomia oxia</i> Watson, 1886 | Digha (Subba Rao <i>et al.</i> , 1992; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Pyramidella</i> Lamarck, 1799 | |
| <i>Pyramidella dolabrata</i> (Linnaeus, 1758) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Turbonilla</i> Risso, 1826 | |
| <i>Turbonilla felicitata</i> Laserson, 1959 | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family AMATHINIDAE Ponder, 1987 Genus <i>Amathina</i> Gray, 1842 | |
| <i>Amathina tricarinata</i> (Linnaeus, 1767) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003) |
| Super family RINGICULOIDEA Family RINGICULIDAE Genus <i>Ringicula</i> Deshayes, 1838 | |
| <i>Ringicula encarpiferens</i> De Folin, 1878 | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Ringicula propinquans</i> Hinds, 1844 | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1992, 1995) |
| Order CEPHALASPIDEA Super family HAMINOEOIDEA Family HAMINOEIDAE Pilsbry, 1895 Genus <i>Haminoea</i> Turton & Kingston [in Carrington], 1830 | |
| <i>Haminoea crocata</i> Pease, 1860 | Entire coast (Subba Rao <i>et al.</i> , 1983, 1992, 1995; Subba Rao <i>et al.</i> , 1987; Khalua <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Tudu <i>et al.</i> , 2017b) |
| Super family PHILINOIDEA Family AGLAJIDAE Pilsbry, 1895 (1847) Genus <i>Melanochlamys</i> Cheeseman, 1881 | |
| <i>Melanochlamys</i> sp. | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1992, 1995) Digha, (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family CYLICHNIDAE Genus <i>Cylichna</i> Lovén, 1846 | |
| <i>Cylichna protracta</i> Gould, 1859 | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Tornatina</i> A. Adams, 1850 | |

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| <i>Tornatina estriata</i> Preston, 1914 | Port Canning (Roy <i>et al.</i> , 2008), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Family RETUSIDAE Thiele, 1925 Genus <i>Retusa</i> T. Brown, 1827 | |
| <i>Retusa pyramidata</i> (A. Adams, 1850) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Order EUPULMONATA Super family ELLOBIOIDEA L. Pfeiffer, 1854 (1822) Family ELLOBIIDAE L. Pfeiffer, 1854 (1822) Genus <i>Cassidula</i> Férussac, 1821 | |
| <i>Cassidula nucleus</i> (Gmelin, 1971) | Sundarban region (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992, 1995), Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Cassidula vespertilionis</i> (Lesson, 1831) = <i>Cassidula bensoni</i> Pfeiffer (Raven and Vermeulen, 2006) | Sundarban (Mandal and Nandi, 1989) |
| Genus <i>Ellobium</i> Röding, 1798 | |
| <i>Ellobium aurisjudae</i> (Linnaeus, 1758) | Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995; Khan, 2003) |
| <i>Ellobium gangeticum</i> (Pfeiffer, 1855) | Entire coast (Subba Rao <i>et al.</i> , 1983, 1992, 1995; Mandal and Nandi, 1989; Goswami, 1992; Khan, 2003; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Ellobium translucens</i> Annandale & Prashad, 1919 | Basanti (Annandale & Prashad, 1919), Sagar (Dey <i>et al.</i> , 2005), Sundarban (Mandal and Nandi, 1989) |
| Genus <i>Melampus</i> Montfort, 1810 | |
| <i>Melampus pulchella</i> (Petit, 1842) | Canning, Haldia (Subba Rao <i>et al.</i> , 1992), Sundarban (Mandal and Nandi, 1989; Subba Rao <i>et al.</i> , 1995; Khan, 2003) |
| <i>Melampus sincaporensis</i> Pfeiffer, 1855 | Sundarban (Mandal and Nandi, 1989) |
| Genus <i>Pythia</i> Röding, 1798 | |
| <i>Pythia plicata</i> (Férussac, 1821) | Entire coast (Subba Rao <i>et al.</i> , 1983, 1992, 1995; Mandal and Nandi, 1989; Goswami, 1992; Khan, 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Tudu <i>et al.</i> , 2017b) |
| Family AMPHIBOLIDAE Genus <i>Salinator</i> Hedley, 1900 | |
| <i>Salinator burmana</i> (Blanford, 1867) | Sundarban (Mandal and Nandi, 1989) |
| Order SYSTELLOMMATOPHORA Super family ONCHIDIOIDEA Rafinesque, 1815 Family ONCHIDIIDAE Rafinesque, 1815 Genus <i>Onchidium</i> Buchannan, 1800 | |
| <i>Onchidium pallidum</i> Stoliczka, 1869 | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Onchidium tenerum</i> Stoliczka, 1869 | Entire coast (Subba Rao <i>et al.</i> , 1992, 1995; Khalua <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Tudu <i>et al.</i> , 2017b) |
| <i>Onchidium tigrinum</i> Stoliczka, 1869 | Entire coast (Subba Rao <i>et al.</i> , 1983, 1992, 1995; Choudhury <i>et al.</i> , 1984; Khan, 2003; Khalua <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005) |
| <i>Onchidium typhae</i> Buchanan, 1800 | Entire coast (Subba Rao <i>et al.</i> , 1992, 1995; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |

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| Order NUDIPLEURA Super family PLEUROBRANCHOIDEA Gray, 1827 Family PLEUROBRANCHIDAE Pilsbry, 1896 Genus <i>Pleurobranchea</i> Leue, 1813 | |
| <i>Pleurobranchea</i> sp. | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Order CLADOBRANCHIA Super family ARMINOIDEA Iredale & O'Donoghue, 1923 (1841) Family ARMINIDAE Iredale & O'Donoghue, 1923 (1841) Genus <i>Armina</i> Rafinesque, 1814 | |
| <i>Armina</i> sp. | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003) |
| Order NUDIBRANCHIA Super family POLYCEROIDEA Family POLYCERIDAE Alder & Hancock, 1845 Sub family KALINGINAE Pruvot-Fol, 1956 Genus <i>Kalinga</i> Alder & Hancock, 1864 | |
| <i>Kalinga ornata</i> Alder & Hancock, 1864 | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Family CUTHONIDAE Genus <i>Cuthona</i> Alder & Hancock, 1855 | |
| <i>Cuthona annandalei</i> Eliot, 1910 | Sundarban (Mandal and Nandi, 1989) |
| Class SCAPHOPODA Order GADILIDA Family GADILIDAE Stoliczka, 1868 Genus <i>Gadila</i> Gray, 1847 | |
| <i>Gadila clavata</i> (Gould, 1859) | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Order DENTALIIDA Family DENTALIIDAE Genus <i>Dentalium</i> Linnaeus, 1758 | |
| <i>Dentalium octangulatum</i> Donovan, 1804 | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Dentalium variabile</i> Deshayes, 1825 | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Class BIVALVIA Linnaeus 1758 Order NUCULOIDA Dall, 1889 Super family NUCULOIDEA Gray, 1824 Family NUCULIDAE Gray, 1824 Genus <i>Ennucula</i> Iredale, 1931 | |
| <i>Ennucula convexa</i> (G. B. Sowerby I, 1833) = <i>Nucula</i> (<i>Leionucula</i>) <i>convexa</i> Sowerby (Huber, 2010) | Sandhead (Subba Rao <i>et al.</i> , 1992) |
| Genus <i>Nucula</i> Lamarck, 1799 | |
| <i>Nucula mitralis</i> Hinds, 1843 | Sandhead (Subba Rao <i>et al.</i> , 1992) |

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| Order NUCULANIDA Carter, D. C. Campbell & M. R. Campbell, 2000 Super family NUCULANOIDEA H. Adams & A. Adams, 1858 (1854) Family NUCULANIDAE H. Adams & A. Adams, 1858 (1854) Genus Saccella Woodring, 1925 | |
| <i>Saccella commutata</i> (Philippi, 1844) = <i>Nuculana</i> (<i>Secella</i>) <i>fragilis</i> Chemnitz (Perna, 2007) | Off Sandhead (Subba Rao <i>et al.</i> , 1992) |
| Family YOLDIIDAE Genus Scissileda Kilburn, 1994 | |
| <i>Scissileda nicobarica</i> (Bruguière, 1789) | Sandhead (Subba Rao <i>et al.</i> , 1992) |
| Order MYTILIDA Férussac, 1822 Superfamily MYTILOIDEA Rafinesque, 1815 Family MYTILIDAE Rafinesque, 1815 Genus Brachidontes Swainson, 1840 | |
| <i>Brachidontes striatulus</i> (Hanley, 1843) | Entire coast (Subba Rao <i>et al.</i> , 1992, 1995; Goswami, 1992; Khan, 2003; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Roy <i>et al.</i> , 2008; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Modiolus Lamarck, 1799 | |
| <i>Modiolus tulipa</i> Lamarck, 1819 | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Modiolus undulatus</i> (Linnaeus, 1758) | Kakdwip, Canning (Subba Rao <i>et al.</i> , 1983, 1992, 1995); Midnapore coast (Khalua <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Perna Philipsson, 1788 | |
| <i>Perna viridis</i> (Linnaeus, 1758) | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Order ARCIDA Gray 1854 Superfamily ARCOIDEA Lamarck, 1809 Family ARCIDAE Lamarck, 1809 Genus Anadara Gray, 1847 | |
| <i>Anadara antiquata</i> (Linnaeus, 1758) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Anadra cornea</i> (Reeve, 1844) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Anadara inaequivalvis</i> (Bruguière, 1789) | Sandhead, Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Anadara indica</i> (Gmelin, 1791) = <i>Scapharca deyrollei</i> (Jousseume) (Huber, 2010) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Scaphula Benson, 1834 | |
| <i>Scaphula celox</i> Benson, 1836 | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Scaphula deltae</i> Blanford, 1867 | Barrackpore (Subba Rao <i>et al.</i> , 1992), Sundarban (Khan, 2003), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus Tegillarca Iredale, 1939 | |
| <i>Tegillarca granosa</i> (Linnaeus, 1758) | Entire coast (Choudhury <i>et al.</i> , 1984; Subba Rao <i>et al.</i> , 1992, 1995; Goswami, 1992; Khan, 2003; Ramakrishna <i>et al.</i> , 2003; Khalua <i>et al.</i> , 2003; Roy <i>et al.</i> , 2008; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Family NOETIIDAE Stewart, 1930 Genus Striarca Conrad, 1862 | |

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| <i>Striarca lactea</i> (Linnaeus, 1758) | Sundarban region (Subba Rao <i>et al.</i> , 1992, 1995) |
| Order PTERIIDA Newell, 1965 Super family PINNOIDEA Leach, 1819 Family PINNIDAE Leach, 1819 Genus <i>Atrina</i> Gray, 1842 | |
| <i>Atrina pectinata</i> (Linnaeus, 1758) | Sandhead (Subba Rao <i>et al.</i> , 1992) Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Pinna</i> Linnaeus, 1758 | |
| <i>Pinna bicolor</i> Gmelin, 1791 | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Order OSTREIDA Férussac, 1822 Super family OSTREOIDEA Rafinesque, 1815 Family OSTREIDAE Rafinesque, 1815 Genus <i>Crassostrea</i> Sacco, 1897 | |
| <i>Crassostrea cuttackensis</i> (Newton and Smith, 1912) | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1992, 1995; Dey <i>et al.</i> , 2005), Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Crassostrea gryphoids</i> (Schlotheim, 1813) | Sundarban region (Subba Rao <i>et al.</i> , 1992, 1995; Khan, 2003), Digha (Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Crassostrea bilineata</i> (Röding, 1798) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Saccostrea</i> Dollfus & Dautzenberg, 1920 | |
| <i>Saccostrea cucullata</i> (Born, 1778) | Entire coast (Subba Rao <i>et al.</i> , 1992, 1995; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Saccostrea echinata</i> (Quoy & Gaimard, 1835) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Striostrea</i> Vialov, 1936 | |
| <i>Striostrea denticulata</i> (Born, 1778) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003) |
| Order PECTINIDA Gray, 1854 Super family ANOMIOIDEA Rafinesque, 1815 Family ANOMIIDAE Rafinesque, 1815 Genus <i>Anomia</i> Linnaeus, 1758 | |
| <i>Anomia achaeus</i> Gray, 1850 = <i>Anomia scabra</i> Reeve [Spry, 1964] | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Anomia ephippium</i> Linnaeus, 1758 | Digha (Tudu <i>et al.</i> , 2017b) |
| Genus <i>Enigmonia</i> Iredale, 1918 | |
| <i>Enigmonia aenigmatica</i> (Holten, 1802) | Narayanganj, Basanti, Baghbagan (Subba Rao <i>et al.</i> , 1992), Digha (Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Family PLACUNIDAE Rafinesque, 1815 Genus <i>Placuna</i> Lightfoot, 1786 | |
| <i>Placuna plecenta</i> (Linnaeus, 1758) | Palta, Jharkhali (Subba Rao <i>et al.</i> , 1992), Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Family PECTINIDAE Rafinesque, 1815 Genus <i>Volachlamys</i> Iredale, 1939 | |
| <i>Volachlamys tranquebaria</i> (Gmelin, 1791) | Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |

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| Order LUCINIDA Family LUCINIDAE Sub family LUCINNAE Genus <i>Austriella</i> Tenison-Woods, 1881 | |
| <i>Austriella corrugata</i> (Deshayes, 1843) = <i>Eamesiella philippinarum</i> (Hanley) (Taylor, 2010) | Holiday Island, Canning (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Order VENERIDA Gray, 1854 Super family ARCTICOIDEA Newton, 1891 (18440 Family TRAPEZIDAE Lamy, 1920 Genus <i>Neotrapezium</i> Habe, 1951 | |
| <i>Neotrapezium sublaevigatum</i> (Lamarck, 1819) | Champta, Nikarikhil (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Super family CARDIOIDEA Lamarck, 1809 Family CARDIIDAE Lamarck, 1809 Sub family CARDIINAE Lamarck, 1809 Genus <i>Vepricardium</i> Iredale, 1929 | |
| <i>Vepricardium asiaticum</i> (Bruguière, 1789) | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha, Shankarpur (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Vepricardium coronatum</i> (Schröter, 1786) = <i>Acanthocardia coronata</i> (Schroeter) (Poorten, 2005) | Digha, Shankarpur (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Sub family LAEVICARDIINAE Keen, 1951 Genus <i>Fulvia</i> J. E. Gray, 1853 | |
| <i>Fulvia aperta</i> (Bruguière, 1789) | Digha (Tudu <i>et al.</i> , 2017b) |
| Super family CYRENOIDEA Gray, 1840 Family CYRENIDAE Gray, 1840 Genus <i>Polymesoda</i> Rafinesque, 1820 | |
| <i>Polymesoda bengalensis</i> (Lamarck, 1818) | Junput, Bokhali, Jharkhali (Subba Rao <i>et al.</i> , 1992), Canning (Roy <i>et al.</i> , 2008), Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus <i>Corbicula</i> Megerle von Muhlfeldt, 1811 | |
| <i>Corbicula bensoni</i> Deshayes, 1854 | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Corbicula striatela</i> Deshayaes, 1854 | Sundarban (Khan, 2003), Midnapore coast (Khalua <i>et al.</i> , 2003), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Family GLAUCONOMIDAE Gray, 1853 Genus <i>Glaucanome</i> Gray, 1828 | |
| <i>Glaucanome cerea</i> Reeve, 1844 | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Glaucanome chinensis</i> Gray, 1828 = <i>Glaucanome sculpta</i> Sowerby III, 1894 (Huber, 2010) | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Subba Rao <i>et al.</i> , 1995; Dey <i>et al.</i> , 2005; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Glaucanome virens</i> (Linnaeus, 1767) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Super family MACTROIDEA Lamaeck, 1809 Family MACTRIDAE Lamarck, 1809 Genus <i>Mactra</i> Linnaeus, 1767 | |
| <i>Mactra achatina</i> Holten, 1802 | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |

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| <i>Mactra cuneata</i> Gmelin, 1791 | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Mactra dissimilis</i> Reeve, 1854 | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Mactra luzonica</i> Reeve, 1854 | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Subba Rao <i>et al.</i> , 1995; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Mactra mera</i> Reeve, 1854 | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Mactra petiti</i> d'Orbigny, 1846 = <i>M. Symmetrica</i> Reeve, 1854 (Signorelli and Pastorino, 2012) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Mactra stultorum</i> (Linnaeus, 1758) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Mactra turgida</i> Gmelin, 1791 | Junput, Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Mactra violacea</i> Gmelin, 1791 | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Harvella Gray, 1853 | |
| <i>Harvella elegans</i> (G. B. Sowerby I, 1825) | Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus Mactrinula Gray, 1853 | |
| <i>Mactrinula plicataria</i> (Linnaeus, 1767) | Entire coast (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus Meropesta Iredale, 1929 | |
| <i>Meropesta nicobarica</i> (Gmelin, 1791) | Digha (Yennawar and Tudu, 2014) |
| Genus Raeta Gray, 1853 | |
| <i>Raeta pellicula</i> (Reeve, 1854) | Digha (Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Raeta puchella</i> (Adams & Reeve, 1853) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Standella Gray, 1853 | |
| <i>Standella nicobarica</i> Gmelin, 1790 | Digha (Tudu <i>et al.</i> , 2017b) |
| <i>Standella pellucida</i> (Gmelin, 1791) = <i>S. annandalei</i> Preston, 1915 (Huber, 2010) | Digha (Goswami, 1992; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Tanysiphon Benson, 1858 | |
| <i>Tanysiphon rivalis</i> Benson, 1858 | Sagar Island (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Super family TELLINOIDEA Blainville, 1814 Family TELLINIDAE Blainville, 1814 Genus Apolymetis Salisbury, 1929 | |
| <i>Apolymetis edentula</i> (Spengler, 1798) | Sandhead, Digha (Subba Rao <i>et al.</i> , 1992), Digha, Shankarpur (Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Angulinides M. Huber, Langleit & Kreipl, 2015 | |
| <i>Angulinides planissimus</i> (Anton, 1838) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus Psammacoma Dall, 1900 | |

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| <i>Psammacoma birmanica</i> (Philippi, 1845) | Entire coast (Choudhury <i>et al.</i> , 1984, Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995; Khan, 2003; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Psammacoma candida</i> (Lamarck, 1818) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Psammacoma gubernaculum</i> (Hanley, 1844) = <i>Macoma (Psammacoma) truncata</i> (Jonas) (Sartori, 2016a) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b), Shankarpur (Yennawar and Tudu, 2014) |
| <i>Psammacoma myaeformis</i> (Sowerby II, 1968) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Macoma Leach, 1819 | |
| <i>Macoma blairensis</i> Smith, 1906 | Digha, Shankarpur (Yennawar and Tudu, 2014) |
| Genus Strigilla Turton, 1822 | |
| <i>Strigilla splendida</i> (Anton, 1838) | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Subba Rao <i>et al.</i> , 1995; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b), (Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008), (Subba Rao <i>et al.</i> , 1983) |
| Genus Tellinides Lamarck, 1818 | |
| <i>Tellinides sinuatus</i> (Spengler, 1798) = <i>Tellina Tellinides sinuata</i> Spengler (Sartori, 2016b) | Bokhali, Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Tellinides timorensis</i> Lamarck, 1818 | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Tellina Linnaeus, 1758 | |
| <i>Tellina angulata</i> Gmelin, 1791 | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014) |
| <i>Tellina iridescens</i> (Benson, 1842) | Kakdwip, Canning (Subba Rao <i>et al.</i> , 1992), Muriganga (Subba Rao <i>et al.</i> , 1983), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Tellina opalina</i> Salis Marschlin, 1793 | Digha (Yennawar and Tudu, 2014) |
| Genus Cyclotellina Cossmann, 1886 | |
| <i>Cyclotellina remies</i> (Linnaeus, 1758) | |
| Genus Jitlada Huber, Langleit & Kreipl, 2015 | |
| <i>Jitlada hanleyi</i> Huber, Langleit & Kreipl, 2015 = <i>Tellina corbuloides</i> Hanely (Bouchet, 2015) | Bokhali (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Family DONACIDAE J.Fleming, 1828 Genus Donax Linnaeus, 1758 | |
| <i>Donax compressus</i> Lamarck, 1800 | Shankarpur (Yennawar and Tudu, 2014) |
| <i>Donax deltoides</i> (Lamarck, 1818) | Digha, Shankarpur (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Donax incarnatus</i> Gmelin, 1791 | Entire coast (Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Khan, 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Donax lubricus</i> Hanley, 1845 | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Donax pulchellus</i> Hanley, 1843 | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Donax purpurascens</i> (Gmelin, 1791) | Digha (Tudu <i>et al.</i> , 2017b) |

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| <i>Donax scortum</i> (Linnaeus, 1758) | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Super family UNGULINOIDEA Gray, 1854 Family UNGULINIDAE Gray, 1854 Genus <i>Diplodonta</i> Bronn, 1831 | |
| <i>Diplodonta barhampurensis</i> Preston, 1915 | Digha, Shankarpur (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Diplodonta bullata</i> Dunker, 1865 | Digha, Shankarpur (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Diplodonta satparaensis</i> Preston, 1915 | Digha (Present collection) |
| Family PSAMMOBIIDAE J.Fleming, 1828 Genus <i>Psammbia</i> Lamarck, 1818 | |
| <i>Hiatula diphos</i> (Linnaeus, 1771) = <i>Sanguinolaria</i> (<i>Soletellina</i>) <i>acuminata</i> Deshayes (Huber, 2010) | Entire coast (Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Family SEMELIDAE Stoliczka, 1870 (1825) Genus <i>Theora</i> H. Adams & A. Adams, 1856 | |
| <i>Theora opalina</i> (Hinds, 1843) | Kakdwip, Matla river (Subba Rao <i>et al.</i> , 1983; Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995), Bokhali, Sagar (Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008) |
| Super family VENEROIDEA Rafinesque, 1815 Family VENERIDAE Rafinesque, 1815 Genus <i>Gafrarium</i> Röding, 1798 | |
| <i>Gafrarium pectinatum</i> (Linnaeus, 1758) | Palta (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus <i>Circe</i> Schumacher, 1817 | |
| <i>Circe scripta</i> (Linnaeus, 1758) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Dosinia</i> Scopoli, 1777 | |
| <i>Dosinia areolata</i> Römer, 1870 | Digha (Present collection) |
| Genus <i>Katelsia</i> Römer, 1857 | |
| <i>Katelsia japonica</i> (Gmelin, 1791) | Shankarpur (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Kateysia marmorata</i> (Lamarck, 1818) | Shankarpur (Yennawar and Tudu, 2014) |
| Genus <i>Meretrix</i> Lamarck, 1799 | |
| <i>Meretrix casta</i> (Gmelin, 1791) | Digha, Shankarpur (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Meretrix meretrix</i> (Linnaeus, 1758) | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Subba Rao <i>et al.</i> , 1995; Khan, 2003; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Roy <i>et al.</i> , 2008; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Marcia</i> H.Adams & A.Adams, 1857 | |
| <i>Marcia opima</i> (Gmelin, 1791) | Digha, Shankarpur (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Marcia recens</i> (Holten, 1802) | Digha (Tudu <i>et al.</i> , 2017b) |
| Genus <i>Paphia</i> Röding, 1798 | |

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| <i>Paphia rotundata</i> (Linnaeus, 1758) = <i>Paphia alapapilionea</i> Roeding (Huber, 2010) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Paphia semirugata</i> (Philippi, 1847) | Digha, Shankarpur (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Protapes Dall, 1902 | |
| <i>Protapes gallus</i> (Gmelin, 1791) = <i>Paphia malabarica</i> (Schroeter) (Oliver & Glover, 1996) | Ganga Sagar (Subba Rao <i>et al.</i> , 1992), Digha, Shankarpur (Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Paratapes Stoliczka, 1870 | |
| <i>Paratapes textilis</i> (Gmelin, 1791) | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Pelecycora Dall, 1902 | |
| <i>Pelecycora trigona</i> (Reeve, 1850) | Entire coast (Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995; Khan, 2003; Ramakrishna <i>et al.</i> , 2003; Roy <i>et al.</i> , 2008; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Pelecycora excisa</i> (Röding, 1798) | Muriganga (Subba Rao <i>et al.</i> , 1983) |
| Genus Pitar Römer, 1857 | |
| <i>Pitar alabastrum</i> (Reeve, 1863) | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Pitar morrhuanus</i> (Dall, 1902) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Tapes Megerle von Mühlfeld, 1811 | |
| <i>Tapes belcheri</i> G.B. Sowerby II, 1852 | Shankarpur (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Sunetta Link, 1807 | |
| <i>Sunetta meroe</i> (Linnaeus, 1758) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Sunetta scripta</i> (Linnaeus, 1758) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus Ruditapes Chiamenti, 1900 | |
| <i>Ruditapes bruguieri</i> (Hanely, 1845) | Lakhikantapur (Subba Rao <i>et al.</i> , 1992) |
| Genus Timoclea T.Brown, 1827 | |
| <i>Timoclea arakana</i> (G. Nevill & H.L. Nevill, 1871) | Digha (Tudu <i>et al.</i> , 2017b) |
| <i>Timoclea imbricata</i> (G.B. Sowerby II, 1853) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Order MYIDA Stoliczka, 1870 Super family MYOIDEA Lamarck, 1809 Family MYIDAE Lamarck, 1809 Genus Sphenia Turton, 1822 | |
| <i>Sphenia persversa</i> Blanford, 1867 | Port Canning, Matla river (Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995) |
| Family CORBULIDAE Lamarck, 1818 Genus Corbula Bruguière, 1797 | |
| <i>Corbula calcarea</i> Preston, 1907 | Port Canning (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Corbula gracilis</i> Preston, 1907 | Port Canning (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus Potamocorbula Habe, 1955 | |

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| <i>Potamocorbula abbreviata</i> (Preston, 1907) | Port Canning (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Super family PHOLADOIDEA Lamarck, 1809 Family PHOLADIDAE Lamarck, 1809 Genus <i>Barnea</i> Risso, 1826 | |
| <i>Barnea candida</i> (Linnaeus, 1758) | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Subba Rao <i>et al.</i> , 1995; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Martesia</i> G.B. Sowerby I, 1824 | |
| <i>Martesia fragilis</i> Verrill & Bush, 1898 | Khidirpur dock, Port Canning (Subba Rao <i>et al.</i> , 1992), Digha (Goswami, 1992; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus <i>Pholas</i> Linnaeus, 1758 | |
| <i>Pholas orientalis</i> Gmelin, 1791 | Junput, Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Lignopholas</i> Turner, 1955 | |
| <i>Lignopholas fluminalis</i> (Blanford, 1867) | Khidirpur dock, Port Canning (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Order ADAPENDOTA Super family SOLENOIDEA Lamarck, 1809 FAMILY SOLENIDAE Lamarck, 1809 Genus <i>Solen</i> Linnaeus, 1758 | |
| <i>Solen brevis</i> Hanley, 1842 | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Subba Rao <i>et al.</i> , 1995; Khan, 2003; Khalua <i>et al.</i> , 2003; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Solen kempii</i> Preston, 1915 | Sagar (Dey <i>et al.</i> , 2005), Muriganga (Subba Rao <i>et al.</i> , 1983), Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Neosolen</i> Ghosh, 1920 | |
| <i>Neosolen aquaedulcoris</i> (Ghosh, 1920) | Prentice island (Choudhury <i>et al.</i> , 1984), Midnapore coast (Khalua <i>et al.</i> , 2003), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Family PHARIDAE H. Adams & A. Adams, 1856 Genus <i>Pharella</i> Gray, 1854 | |
| <i>Pharella javanica</i> (Lamarck, 1818) | Entire coast (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Subba Rao <i>et al.</i> , 1995; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Siliqua</i> Megerle von Mühlfeld, 1811 | |
| <i>Siliqua albida</i> (Adams & Reeve, 1850) | Entire coast (Subba Rao <i>et al.</i> , 1983; ; Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Subba Rao <i>et al.</i> , 1995; Khan, 2003; Ramakrishna <i>et al.</i> , 2003; Dey <i>et al.</i> , 2005; Tudu <i>et al.</i> , 2017b) |
| <i>Siliqua radiata</i> (Linnaeus, 1758) | Digha (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Neosiliqua</i> Habe, 1965 | |
| <i>Neosiliqua winteriana</i> (Dunker, 1853) | Digha, Shankarpur (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Cultellus</i> Schumacher, 1817 | |

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| <i>Cultellus subelliptica</i> Dunker, 1862 | Port Canning (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus Novaculina Benson, 1830 | |
| <i>Novaculina gangetica</i> Benson, 1830 | Geokhali (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Family TEREDINIDAE Rafinesque, 1815 Sub family BANKIINAE Turner, 1966 Genus Bankia Gray, 1842 | |
| <i>Bankia campanellata</i> Moll & Roch, 1931 | Port Canning, Sajnakhali, Gosaba (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Bankia carinata</i> (Gray, 1827) | Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| <i>Bankia nordi</i> Moll, 1935 | Port Canning, Sajnakhali, (Subba Rao <i>et al.</i> , 1992) |
| <i>Bankia rochi</i> Moll, 1931 | Sagar (Dey <i>et al.</i> , 2005), Port Canning, Sajnakhali, Gosaba (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus Nausitora Wright, 1864 | |
| <i>Nausitora dunlopei</i> Wright, 1864 | Entire coast (Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995) |
| Sub family TEREDININAE Rafinesque, 1815 Genus Bactronophorus Tapparone Canefri, 1877 | |
| <i>Bactronophorus thoracites</i> (Gould, 1856) | Sajnakhali, (Subba Rao <i>et al.</i> , 1992), Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus Dicyathifer Iredale, 1932 | |
| <i>Dicyathifer mannii</i> (Wright, 1866) | Port Canning, Sajnakhali, Sundarban (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus Uperotus Guetterd, 1770 | |
| <i>Uperotus clava</i> (Gmelin, 1791) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Order PHOLADOMYOIDEA Newell, 1965 Super family PANDOROIDEA Rafinesque, 1815 Family PANDORIDAE Rafinesque, 1815 Genus Frenamya Iredale, 1930 | |
| <i>Frenamya ceylanica</i> (G.B. Sowerby I, 1835) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus Pandora Bruguière, 1797 | |
| <i>Pandora pinna</i> (Montagu, 1803) | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Super family THRACIOIDEA Stoliczka, 1870 (1839) Family LATERNULIDAE Hedley, 1918 (1840) Genus Laternula Röding, 1798 | |
| <i>Laternula anatina</i> (Linnaeus, 1758) | Digha (Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b) |
| <i>Laternula truncata</i> (Lamarck, 1818) | Port Canning, Digha (Subba Rao <i>et al.</i> , 1992), Digha (Ramakrishna <i>et al.</i> , 2003; Yennawar and Tudu, 2014; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Super family CUSPIDARIOIDEA Dall, 1886 Family CUSPIDARIIDAE Dall, 1886 Genus Cuspidaria Nardo, 1840 | |

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| <i>Cuspidaria chilkaensis</i> (Preston, 1912) | Port Canning, Kakdwip (Subba Rao <i>et al.</i> , 1992), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Class CEPHALOPODA Order SEPIIDA Family SEPIIDAE Keferstein, 1866 Genus <i>Sepia</i> Linnaeus, 1758 | |
| <i>Sepia aculeata</i> Van Hasselt [in Férussac & d'Orbigny], 1835 | Sandhead, Matla, Hugli (Subba Rao <i>et al.</i> , 1992; Subba Rao <i>et al.</i> , 1995), Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Sepia pharaonis</i> Ehrenberg, 1831 | Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Sepiella</i> Gray, 1849 | |
| <i>Sepiella inermis</i> (Van Hasselt [in Férussac & d'Orbigny] 1835) | Sandhead, Digha, Basanti (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Order MYOPSIDA Family LOLIGINIDAE Lesueur, 1821 Genus <i>Loliolus</i> (<i>Loliolus</i>) Steenstrup, 1856 | |
| <i>Loliolus</i> (<i>Loliolus</i>) <i>hardwickei</i> (Gray, 1849) = <i>Loliolus investigatoris</i> Goodrich (Jereb <i>et al.</i> , 2010) | Digha, Sundarban, Jharkhali (Subba Rao <i>et al.</i> , 1992; Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b), Hugli Matla estuary (Subba Rao <i>et al.</i> , 1995) |
| Genus <i>Uroteuthis</i> Rehder, 1945 | |
| <i>Uroteuthis bengalensis</i> (Jothinayagam, 1987) | Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Uroteuthis duvaucelii</i> (d'Orbigny [in Férussac & d'Orbigny], 1835) = <i>Loligo duvaucelii</i> d'Orbigny [Vecchione <i>et al.</i> , 1998] | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Uroteuthis singhalensis</i> (Ortmann, 1891) | Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Order OCTOPODA Super family OCTOPODOIDEA d'Orbigny, 1840 Family OCTOPODIDAE d'Orbigny, 1840 Genus <i>Octopus</i> Cuvier, 1798 | |
| <i>Octopus globosus</i> Appellöf, 1886 | Digha (Goswami, 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| <i>Octopus rugosus</i> Bosc, 1792 | Sandhead (Subba Rao <i>et al.</i> , 1992), Digha (Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |
| Genus <i>Callistoctopus</i> Iw. Taki, 1964 | |
| <i>Callistoctopus macropus</i> (Risso, 1826) | Digha (Subba Rao <i>et al.</i> , 1992; Ramakrishna <i>et al.</i> , 2003; Tudu <i>et al.</i> , 2017b) |

Discussion

The coast of West Bengal is considerable of marine and estuarine characteristics, the important morphotype of deltaic Sundarban and mudflats, sandy beaches, sand dunes, creeks and river Islands. The some freshwater species i.e. *N. violacea* (Gmelin, 1791), *Neritina smithi* Wood, 1828, *Neripteron cornucopia* (Benson, 1836) of family Neritidae, *Bellamya bengalensis* (Lamarck, 1822),

B. dissimilis (Muller, 1774) *B. crassa* (Benson, 1836) of family Viviparidae, *Stenothyra blanfordiana* Nevill, 1880, *S. deltae* (Benson, 1836), *S. minima* (G.B. Sowerby I, 1837) of family Stenothyridae, *Thiara lineata* Gray, 1828, *T. granifera* (Lamarck, 1822), *T. scabra* (O.F. Müller, 1774), *T. paludomidea* (Nevill, 1884), *T. tuberculata* (O.F. Müller, 1774) of family Thiaridae and bivalve species like *Polymesoda bengalensis* (Lamarck, 1818) and *Corbicula stratela* Deshayes, 1854, *C. bensoni* Deshayes, 1854 of

family Cyrenidae are included in this list, though these species are some time inhabiting the estuarine brackish water. The incidence of freshwater mollusc found in estuarine habitat like Sundarban region including Hugli Matla riverine complex happens due to become low salinity during monsoon, hence some freshwater species are available in this coast. The effort is given to get rid of the synonyms and the valid names are enlisted and synonyms are given along with reference for particular species.

References

- Annandale, N. 1907. The fauna of Brackish water ponds at Port Canning, Lower Bengal, Pt.1. Introduction & Preliminary account of the fauna, *Records of Indian Museum*, **1**(1): 35-44.
- Annandale, N. 1922. Bivalve molluscs injuring brick works in the Culcutta docks, *J. Asiat. Soc. Beng.*, **18**: 555-557.
- Annandale, N. and Prashad, B. 1919. Some gastropods mollusc from the Gangetic delta, *Records of Indian Museum*, **16**(3): 241-257.
- Annandale, N. and Prashad, B. 1921. The Indian molluscs of estuarine subfamily: Stenothyridae, *Records of Indian Museum*, **22**: 125-136.
- Bieler, R., Carter, J.G. and Coan, E.V. 2010. Classification of Bivalve families, *Malacologia*, **52**(2):113-184.
- Bouchet, P. 2015. *Jitlada hanleyi* M. Huber, Langleit & Kreipl, 2015. In: MolluscaBase (2017). Accessed through: World Register of Marine Species at <http://www.marinespecies.org/aphia.php?p=taxdetails&id=849078> on 2017-11-14
- Bouchet, P. and Rocroi, J.P. 2005. Classification and Nomenclature of Gastropod families, *Malacologia*, **47**(1-2): 1- 397.
- Bouchet, P., Kantor, Yu. I., Sysoev, A. and Puillandre, N. 2011. A new operational classification of the Conoidea (Gastropoda), *Journal of Molluscan Studies*, **77**: 273-308.
- Chakraborty, S.K. 2010. Coastal environment of Midnapore, West Bengal: Potential threats and management, *Jour. Coast. Env.*, **1**(1): 17-40.
- Chandrasekhara Rao, G. and Misra, A. 1986. The meiofauna and macrofauna of Digha beach, West Bengal, India. *Rec. zool. Surv. India*, **83**(3&4): 31-49.
- Choudhury, A., Bhunia, A. B. and Nandi, S. 1984. Preliminary survey on macrobenthos of Prentice Island, Sundarbans, West Bengal, *Rec. zool. Surv. India*, **81**(3&4): 81-92.
- Dey, A. 2006. *Handbook on mangrove associate mollusc of Sundarbans*: 1-96 (Zoological Survey of India, Kolkata)
- Dey, A. 2016. *Catalogue of marine molluscs (Polyplacophora and Gastropoda)*: 1-687 (Zoological Survey of India, Kolkata)
- Dey, M. and Mitra, A. 2005. Molluscan Community around Digha Coast, West Bengal, India. *Journal of Environment and Sociobiology*, **2**:43-47.
- Dey, M., Jamadar, Y. A. and Mitra, A. 2005. Distribution of intertidal malacofauna at Sagar Island, *Rec. zool. Surv. India*, **105** (1&2): 25-35.
- Eliot, C. 1910. Notes on nudibranch from the India museum, *Records of Indian Museum*, **V**: 247-252.
- Goswami, B.C.B. 1992, Marine Fauna of Digha Coast, *J. mar. biol. Ass. India*, **34**(1&2): 115-137.
- Huber, M. 2010. *Compendium of bivalves. A full-color guide to 3,300 of the world's marine bivalves. A status on Bivalvia after 250 years of research*. Hackenheim: ConchBooks.
- Jereb P, Vecchione, M. and Roper, C. F. E. 2010. Family Loliginidae. In: Jereb, P. and Roper, C. F. E. (editor), *Cephalopods of the world. An annotated and illustrated catalogue of species known to date. Volume 2. Myopsid and Oegopsid Squids*. FAO Species Catalogue for Fishery Purposes. No. **4**(2):38-117(73).
- Khalua, R.K., Chakravarty, G. and Chakraborty, S.K. 2003. Annotated list of molluscs from the coastal tract of Midnapore district, West Bengal, India. *J. mar. biol. Ass. India*, **45**(2): 245 – 249.
- Khan, R.A. 2003. Biodiversity of macrobenthos on the intertidal flats of Sundarban estuarine region, India, *Rec. zool. Surv. India*, **101**(3&4): 181-205.
- Kilburn, R.N. 1989. Notes on *Ptychobela* and *Brachytoma*, with description of a new species from Mozambique (Mollusca: Gastropoda: Turridae). *Ann. Natal. Mus.*, **30**: 185-196.
- Mandal, A.K. and Nandi, N.C. 1989. *Fauna of Sundarban mangrove ecosystem, West Bengal, India*. Fauna of Conservation Areas, **3**: 1-116.

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- MolluscaBase. 2018. *Euterebra padangensis* (Thiele, 1925). Accessed through: World Register of Marine Species at: <http://marinespecies.org/aphia.php?p=taxdetails&id=438659> on 2018-06-06
- Nevill, G. 1880. New species of brackish water molluscs, *J. Asiat. Soc. Beng.*, **49**(2): 159-166.
- Oliver, P.G. and Glover, E. 1996. *Paphia* (Protapes) (Bivalvia: Veneroidea) in the Arabian Sea, with the description of new species, *J. Conch. Lond.*, **35**: 389-405.
- Perna, R.L. 2007. Revision of Nuculanidae (Bivalvia: Protobranchia) from the Cerulli Irelli collection (Mediterranean, Pleistocene), *Bollettino della Società Paleontologica Italiana*, **46**(2-3): 125-137.
- Petit, R.E. 2009. George Brettingham Sowerby I, II, & III: their conchological publications and Molluscan taxa, *Zootaxa*, **2189**: 1-218.
- Ponder, W. F., Fukuda, H. and Hallan, A. 2014. A review of the family Clenchiellidae (Mollusca: Caenogastropoda: Truncatelloidea). *Zootaxa*, **3872**(2): 101. <https://doi.org/10.11646/zootaxa.3872.2.1>
- Poorten, J.J. ter, 2005. *Outline of a systematic index - Recent Cardiidae (Lamarck, 1809)*. VISAYA net., (Updated 2009 for WoRMS), available online at <http://www.conchology.be/en/shelltopics/visaya-net/date.php?year=2005>
- Preston, H.B. 1915. Report on collection of molluscs from the outskirts of Calcutta, *Records of the Indian Museum*, **11**(6): 479-482.
- Ramakrishna and Dey, A. 2010. Annotated checklist of Indian marine molluscs (Cephalopoda, Bivalvia and Scaphopoda): Part - 1. *Rec. zool. Surv. India, Occ. Paper No.* **320**: 1-357.
- Ramakrishna., Sarkar, J. and Talukdar, S. 2003. Marine invertebrates of Digha coast and some recommendations on their conservation. *Rec. zool. Surv. India*, **101**(3&4): 1-23.
- Raven H. and Vermeulen J.J. 2007. Notes on molluscs from NW Borneo and Singapore. 2. A synopsis of the Ellobiidae (Gastropoda, Pulmonata). *Vita Malacologica*. **4**: 29-62.
- Roy, M., Dey, A., Banerjee, S. and Nandi, N.C. 2008. Molluscan macrobenthic diversity of brackishwater wetlands in West Bengal, In (Ed. Director, Zoological Survey of India) *Zoological Research in Human Welfare*: 25-34.
- Sartori, A.F. 2016a. *Psammacoma gubernaculum* (Hanley, 1844). In: MolluscaBase (2017). Accessed through: World Register of Marine Species at <http://www.marinespecies.org/aphia.php?p=taxdetails&id=879951> accessed on 2017-12-08.
- Sartori, A.F. 2016b. *Tellinides sinuatus* (Spengler, 1798). In: MolluscaBase (2017). Accessed through: World Register of Marine Species at <http://www.marinespecies.org/aphia.php?p=taxdetails&id=878419> accessed on 2017-12-08.
- Signorelli J.H. and Pastorino G. 2012. Revision of the living Mactridae (Bivalvia: Autobranchia) from Northern Argentina and Uruguay. *American Malacological Bulletin*, **30**(1): 85-101.
- Spry, J.F. 1964. The sea shells of Dar es Salaam: Part 2: Pelecypoda (Bivalves). *Tanganyika Notes and Records*. **63**, available online at <http://e-library.costech.or.tz/collect/tanzania/index/assoc/HASHb932.dir/doc.pdf>
- Stoliczka, F. 1869. The malacology of lower Bengal and the adjoining provinces, 1. On the genus *Onchidium*, *J. Asiat. Soc. Beng.* **XXXVIII**(2): 86-111.
- Subba Rao, N.V. 2003. Indian Seashells (Part-1), Polyplacophora and Gastropoda, *Rec. zool. Surv. India, Occ. Paper No.* **192**: 1-416.
- Subba Rao, N.V. 2017. Indian Seashells (Part-2): Bivalvia. *Rec. zool. Surv. India, Occ. Paper No.* **375**: 1-568.
- Subba Rao, N.V., Dey, A. and Barua, S. 1983. Studies on the malacofauna of Muriganga estuary, Sundarbans, West Bengal. *Bull. zool. Surv. India*, **5**(1): 47-56.
- Subba Rao, N.V., Dey, A. and Barua, S. 1992. Estuarine and Marine mollusc, In, Director (Ed), Zoological Survey of India, *Fauna of West Bengal Part 9*, State Fauna Series **3**: 129-268.
- Subba Rao, N.V., Dey, A. and Barua, S. 1995. Mollusca, In, Director (Ed), Zoological Survey of India, *Hugli Matla Estuary*, West Bengal, Estuarine Ecosystem Series **2**: 41-91.
- Taylor, J. 2010. *Austriella corrugata* (Deshayes, 1843). In: MolluscaBase (2017). Accessed through: World Register of Marine Species at <http://www.marinespecies.org/aphia.php?p=taxdetails&id=464091> on 2017-11-13.
- Tudu, P.C., Ghorai, N., Yennawar, P. and Mohapatra, A. 2017a. Rediscover of Nerite snail Neripteron cornucopia (Gastropoda: Neritidae) after 180 years in India. *Indian J. Sc. Res.*, **13**(1): 2018-211.
- Tudu, P.C., Ray, D. and Mohapatra, A. 2017b. An account of molluscan fauna of Digha coast, Bay of Bengal, UGC sponsored National Seminar on *Role of biodiversity and natural resources in sustainable development*: 56- 72.
- Vecchione, M., Brakonieccki, T. F., Natsukari, Y. and Hanlon, R. T. 1998. A provisional generic classification of the family Loliginidae, In: Voss, N. A., Vecchione, M., Toll, R. B. and Sweeny, M. J. (Editor) *Systematics and biogeography of cephalopods* Vol **1**: 215-222, (Smithsonian Contributions to Zoology, no. **586**).
- Yennawar, P. and Tudu, P.C. 2014. Study of macro-benthic (Invertebrates) fauna around Digha coast. *Rec. zool. Surv. India*, **114**(Part-2): 341-356.