



MARINE FAUNA OF ODISHA, EAST COAST OF INDIA: AN ANNOTATED CHECKLIST OF HISTORICAL DATA OF 135 YEARS

Pati, S.K.,^{1*} Swain, D.,² Sahu, K.C.,³ Sharma, R.M.¹ and Mohapatra, A.⁴

¹Zoological Survey of India, Western Regional Centre, Vidya Nagar, Sector No. 29,
 P.C.N.T. Post, Rawet Road, Akurdi, Pune-411 044, Maharashtra, India

²Department of Animal Husbandry and Fisheries, Ministry of Agriculture,
 Krishi Bhavan, New Delhi-110 001, India

³Ghumsur North Forest Division, Forest & Environment Department,
 Government of Odisha, Bhanjanagar-761 126, Odisha, India

⁴Zoological Survey of India, Estuarine Biology Regional Centre, Hilltop,
 Gopalpur-on-Sea-461 002, Ganjam, Odisha, India

*Email: sameer_pati@yahoo.co.in

Abstract: Rich marine faunal resources of Odisha notwithstanding, a consolidated document is hitherto unavailable for the marine fauna of the state with their valid/current names. Therefore, the present checklist is prepared with the following aims: 1) to update the available information; 2) to create a baseline information for future studies; 3) to identify the gaps in current knowledge. A review of historical data containing 455 references (published in between 1878 and 2012) revealed the presence of 2,611 marine and brackish water species from Odisha. These species belong to 25 taxa [Ciliophora, Foraminifera, Porifera, Cnidaria, Ctenophora, Entoprocta, Platyhelminthes, Kinorhyncha, Nematoda, Gastrotricha, Chaetognatha, Arthropoda, Tardigrada, Annelida, Echiura, Mollusca, Sipuncula, Bryozoa, Brachiopoda, Echinodermata, Tunicata, Gnathostomata (Pisces), Reptilia, Aves, and Mammalia]. The most species rich taxon of the Odisha coast is the superclass Gnathostomata (Pisces) followed by the phyla such as Arthropoda, Mollusca, Platyhelminthes, and Annelida. The least represented taxa were Ctenophora, Entoprocta, Kinorhyncha, Tardigrada, Echiura, Sipuncula, Brachiopoda, and Tunicata. Odisha shares 1.24 per cent of world's marine diversity whereas it contributes nearly 19 percent of Indian marine fauna despite its short coastline (480 km). While many major taxa of Odisha coast had been comprehensively studied, most of the minor phyla are poorly known. Majority of species have been recorded from littoral zone whereas the remaining marine habitats are largely unexplored. The present inventory of marine fauna is far from complete, which leaves immense scope for further taxonomic studies.

Key words: Animalia, Bay of Bengal, Brackish, Chromista, Diversity, Odisha

INTRODUCTION

The state Odisha in the east coast of India has a 480 km long coastline in 6 coastal districts (Balasore, Bhadrak, Kendrapara, Jagatsinghpur, Puri, and Ganjam) (Figure 1) besides a continental shelf of 24,000 km². Diverse environmental conditions and an array of marine organisms are the features of the coast. The coast is bestowed with six major estuaries (Subarnarekha, Budhabalanga, Baitarani, Brahmani, Mahanadi, and Rushikulya), World's largest rookery for the Olive Ridley sea turtle (Gahirmatha), Asia's largest brackish water lagoon (Chilika Lake), India's second largest mangrove forest (Bhitarkanika), one

major port (Paradip), three minor ports, and four fishing harbours (Mohanty *et al.*, 2008). Bhitarkanika National Park, Gahiramatha Marine Sanctuary, and Nalabana Wildlife Sanctuary are the three marine protected areas of Odisha (Singh, 2003). The Odisha coast is characterized by the mixed type tide (predominantly semidiurnal), flow of seawater currents towards the south (with a speed of 14 to 29 cm.s⁻¹), high waves (up to 3 m or more), high salinity variation (18 to 35 PSU), high dissolved oxygen contents (6 to 8 mg.L⁻¹), and low biochemical oxygen demand (< 3 mg.L⁻¹) (Ramesh *et al.*, 2011). More than half the Odisha coast (57%) is sandy, and the

remaining coast is either muddy (33%) or marshy (10%) (Sanil Kumar *et al.*, 2006). None of the coasts in Odisha is rocky except for few boulders at Gopalpur in Ganjam district (Pati *et al.*, 2008).

Odisha is rich in marine fishery resources such as carangids, ribbon fishes, clupeids, croakers, pomfrets, catfishes, silver bellies, penaeid prawns, non-penaeid prawns, crabs, etc. About 10,01,500 t of marine fishes were landed in Odisha during 2005, which is 2.6% of all India marine fish landings (Sivakami and Kuriakose, 2009). There are about 329 marine fishing villages in Odisha with a fisherman population of 1,26,000 (Holmgren, 1994). Since last few decades, Odisha coast has been facing tremendous natural hazards (tropical cyclones, storms, floods, declining mangroves, accelerated shoreline changes, transformation of coastal lagoon ecosystem, etc.) and anthropogenic pressures (development of fisheries, aquaculture, ports, harbours, urban settlements, etc.) (Mohanty *et al.*, 2008). These changes not only affect the economy of a region but can also alter the ecological structures in marine habitats.

Checklists on some marine flora of Odisha are already available *e.g.* marine fungi (Borse *et al.*, 2013), marine macro-algae (Rath and Adhikary, 2006), and mangroves (Ravishankar *et al.*, 2004). Similarly, checklists have been published on many marine fauna of India, including Odisha. For instance, digenean trematodes of Indian marine fishes was prepared by Madhavi (2011); brachyuran crabs of mangrove and coral reef by Dev Roy (2008); marine molluscs by Ramakrishna and Dey (2010); marine wood borers by Pati *et al.* (2013); Echinodermata by Sastry (2007) and Sastry *et al.* (2012). Some regional lists of marine fauna of Odisha are also available *e.g.* marine and estuarine fishes of south Odisha (Mishra *et al.*, 1999) and fishes of the Chilika Lake (Satapathy and Panda, 2009). The Zoological Survey of India has published a series of documents on various ecosystems containing information on many marine faunal groups of Odisha. An exclusive document containing all the records of marine fauna is, nevertheless, unavailable for Odisha.

Most of the data on marine fauna of Odisha are found scattered in various journals, books, book chapters, monographs, occasional papers, catalogues, etc.

Some documents are also available in grey forms such as thesis, conference proceedings, and reports. Hence, it was felt necessary to bring all the records of the marine fauna of Odisha with their valid/current names into a single document that can serve as a baseline data for future studies. Databases on species of a region or on a group of animals can be useful to highlight any ambiguity in nomenclatural acts involved in the taxonomic ranks (Sæther and Ferrington Jr., 2003; Dmitriev and Dietrich, 2006). For example, two valid species with identical species-group name in marine trematodes came to notice during the preparation of the present checklist. The case was referred to the digenean research community so that a new substitute name for the junior homonym can be designated (Pati, unpublished data).

Many new species have been described from the Odisha coast during the last couple of centuries (Subba Rao *et al.*, 1991; Das, 2003; Ramakrishna *et al.*, 2004; Barman *et al.*, 2007; Patnayak, 2009). Also, several endemic species are found in the Odisha coast. For instance, 21 species of marine/brackish water fishes are endemic to the Odisha coast/Indian east coast (Mishra *et al.*, 2013). In addition to some endangered marine species, few critically endangered animals namely, the Ganges Shark, the Knife-tooth Sawfish, the Hawksbill Turtle, and the Spoon-billed Sandpiper are found along the Odisha coast (MoEF, 2011).

It is remarkable that while some marine animals have been extensively studied from the Odisha coast [*e.g.* Porifera (Soota, 1987), polychaetes (Misra *et al.*, 1987), molluscs (Subba Rao *et al.*, 1991), and fishes (Barman *et al.*, 2007)], several invertebrate groups have been poorly documented or even completely unknown. For instance, Hemichordata were practically unrecorded whereas the groups like Foraminifera, Sipuncula, and Tunicata were poorly studied.

Based on these above-mentioned facts, the present checklist on the marine fauna of Odisha is prepared with the following aims: 1) to update the available information on recorded species; 2) to create a baseline information for future studies by taxonomists and biodiversity managers; and 3) to identify poorly known taxa and unexplored habitats.

MATERIAL AND METHODS

Information on the marine and brackish water fauna (kingdom Animalia) [together with the current phyla Ciliophora and Foraminifera (formerly under the phylum Protozoa) of the kingdom Chromista that can be counted as “animals” according to the Article 1.1.1 of ICZN (1999)] of Odisha was collected from various publications, including some grey literature, between 1878 and 2012 (135 years). Species records were originated from 39 main localities of the Odisha coast (Figure 1) and also from several sites within these localities (Table 1). Even though some “true” freshwater species can occur in estuaries and brackish water lagoons, they were altogether excluded from the present checklist. Systematic position of all the species was verified mainly from the database of World Register of Marine Species (WoRMS)

(WoRMS Editorial Board, 2013). Since information on some taxa could not be found in the database of WoRMS, names of those taxa were kept unchanged due to lack of our expertise.

Currently, ‘any nomenclature and classifications at the levels of subkingdom to superphylum will be unstable due to problems at the most basal position’ (Zhang, 2011). Zhang (2011) proposed an evolutionary classification of the animal phyla. However, the classification system of phylum used during the present study is based on morphology and as such Porifera appears first followed by Radiata [Cnidaria and Ctenophora] and Bilateria [acoelomates (Entoprocta and Platyhelminthes), pseudocoelomates (Kinorhyncha, Nematoda, Gastrotricha, and Chaetognatha), and coleomates, including protostomes (Arthropoda, Tardigrada, Annelida,



Fig. 1. Map of the Odisha coast, showing main localities (indicated by number 1–39) from which species records were originated. 1, Subarnarekha Estuary; 2, Kasafal; 3, Talaborai; 4, Balaramgadi; 5, Budhabalanga Estuary; 6, Chandipur; 7, Bagada; 8, Dhamara Port; 9, Dhamara Estuary; 10, Chandbali; 11, Haripur; 12, Baitarani Estuary; 13, Talchua; 14, Bhitarkanika; 15, Brahmani; 16, Satabhaya; 17, Mahanadi Estuary; 18, Saharabedi River; 19, Machhagaon; 20, Astaranga; 21, Devi Estuary; 22, Sonadhara; 23, Kanamana; 24, Chandrabhaga; 25, Sar Lake; 26, Konark; 27, Chandrabhaga; 28, Kusabhadra River Mouth; 29, Puri; 30, Brahmagiri; 31, Chilika Lake; 32, Prayagi; 33, Rushikulya Estuary; 34, Chhatrapur; 35, Gopalpur Port; 36, Gopalpur; 37, New Baxipalli; 38, New Golabandha; 39, Bahuda Estuary.

Table 1. List of localities mentioned in the checklist of marine fauna of Odisha (localities are arranged north to south latitude, and the areas within the localities are arranged alphabetically)

Locality	Areas within the locality	District	Latitude (°N)	Longitude (°E)
Balasore Coast	–	Balasore	21.44795596	87.04536438
Subarnarekha Estuary	Kankadapal	Balasore	21.56282796	87.35581398
Subarnarekha Estuary	Kirtania	Balasore	21.57252623	87.37551212
Subarnarekha Estuary	Subarnapura near Talsari	Balasore	21.59702843	87.45181561
Subarnarekha Estuary	Udayapur	Balasore	21.60971687	87.48177052
Subarnarekha Estuary	Talsari	Balasore	21.60472941	87.46151447
Kasafal	–	Balasore	21.53508652	87.13891983
Talaborai	–	Balasore	21.49196701	87.07068443
Balaramgadi	–	Balasore	21.4731718	87.0542367
Budhabalanga Estuary	–	Balasore	21.46824583	87.06501961
Chandipur	–	Balasore	21.44396156	87.03197479
Bagada near Balaramgadi	–	Balasore	21.2685417	86.806342
Bhadrak Coast	–	Bhadrak	20.97554544	86.93069458
Dhamara Port	–	Bhadrak	20.79848524	86.96266651
Dhamara Estuary	–	Bhadrak	20.79300893	86.89921618
Chandbali	–	Bhadrak	20.771351	86.745773
Haripur	–	Bhadrak	20.76564446	86.7610395
Baitarani Estuary	–	Bhadrak	20.76189249	86.82632446
Talchua	–	Kendrapara	20.76660751	86.94479227
Bhitarkanika	Bhitarkanika	Kendrapara	20.6726204	86.91146851
Bhitarkanika	Dangmal	Kendrapara	20.74189714	86.86787188
Bhitarkanika	Ekakula	Kendrapara	20.7028921	87.03145981
Bhitarkanika	Gahiramatha	Kendrapara	20.62892859	86.92245483
Bhitarkanika	Habalapatia (=Habalpeta?)	Kendrapara	Unknown	Unknown
Bhitarkanika	Short's Island	Bhadrak	20.7941349	86.9129481
Brahmani	–	Kendrapara	20.65784369	86.75010681
Satabhaya	–	Kendrapara	20.64515385	86.94678783
Cuttack Coast	–	Kendrapara/ Jagatsinghpur	20.29440149	86.73706055
Mahanadi Estuary	Mahanadi Estuary	Kendrapara/ Jagatsinghpur	20.31050117	86.68487549
Mahanadi Estuary	Badpadia	Jagatsinghpur	20.26928266	86.67097092
Mahanadi Estuary	Creek Near Paradip Port	Jagatsinghpur	20.28619001	86.68453217
Mahanadi Estuary	Creek Near River Mouth	Jagatsinghpur	20.28981278	86.68195724
Mahanadi Estuary	False Point	Kendrapara	20.33136788	86.73935652
Mahanadi Estuary	Gangolia	Jagatsinghpur	20.30092206	86.71328545
Mahanadi Estuary	Hukitola	Kendrapara	20.4044898	86.80606842
Mahanadi Estuary	Jambu Island	Kendrapara	20.41060352	86.72641754
Mahanadi Estuary	Khira Gachha Madeli	Jagatsinghpur	20.30889128	86.6865921
Mahanadi Estuary	Light House	Jagatsinghpur	20.25557427	86.65590763
Mahanadi Estuary	Lion's Rump	Jagatsinghpur	20.29246942	86.71661139
Mahanadi Estuary	Madeli Creek	Jagatsinghpur	20.30084157	86.68178558
Mahanadi Estuary	Paradip	Jagatsinghpur	20.3167	86.6167
Mahanadi Estuary	Paradip Port	Jagatsinghpur	20.27065142	86.67191505
Mahanadi Estuary	River Mouth	Jagatsinghpur	20.29665555	86.71440125
Saharabedi River near Padmapur (=Poddampur)	–	Puri	20.10429927	86.46866798
Machhagaon	–	Puri	20.06794404	86.27413273
Astaranga	–	Puri	19.98431927	86.32490158
Devi Estuary (=Devi River Mouth)	–	Puri	19.97399413	86.39888763
Sonadhara	–	Puri	19.96979935	86.36249542
Kanamana	–	Puri	19.94433585	86.27311349
Chandrabhaga	–	Puri	19.8677204	86.1331971
Sar Lake	–	Puri	19.86683097	85.90021133
Konark	–	Puri	19.86521651	86.11152649

Gandhalba Beach Near Konark	–	Puri	Unknown	Unknown
Black Pagoda (=Sun Temple)	–	Puri	19.86457073	86.1121273
Chandrabhaga Marine Drive near Konark	–	Puri	19.85758798	86.08697891
Kusabhadra River Mouth	–	Puri	19.85657889	86.07865334
Puri	Puri	Puri	19.7927912	85.81892967
Puri	Circuit House	Puri	19.79510799	85.82786679
Puri	Panthanivas	Puri	19.7965566	85.83248556
Puri	Swargadwar Beach	Puri	19.79222083	85.8178997
Brahmagiri	–	Puri	19.73212882	85.53028107
Chilika Lake	Chilika Lake (=Chilika Lagoon)	Puri/Khurda/ Ganjam	19.7166667	85.3166667
Chilika Lake	Anandapur	Puri	19.68843521	85.51472425
Chilika Lake	Arakhakuda (=Arakuda)	Puri	19.71370745	85.58624268
Chilika Lake	Badadanda	Puri	19.5986911	85.254136
Chilika Lake	Balipatam	Unknown	Unknown	Unknown
Chilika Lake	Balugaon	Khurda	19.74182343	85.21270752
Chilika Lake	Baradi (=Hatabaradiha)	Khurda	19.83151096	85.34870625
Chilika Lake	Barakuda Island (=Honeymoon Island)	Ganjam	19.55396684	85.13091087
Chilika Lake	Barhampura	Puri	19.65418708	85.42337894
Chilika Lake	Barkul	Khurda	19.67912125	85.19107819
Chilika Lake	Barunakuda (=Baranikuda)	Puri	19.68736444	85.41020393
Chilika Lake	Bhasra Island	Unknown	Unknown	Unknown
Chilika Lake	Bhasramundia	Unknown	Unknown	Unknown
Chilika Lake	Bhusandpur	Khurda	19.9359766	85.4955549
Chilika Lake	Birds Island (=Cheriyakuda Island/ Chirriya Island/ Bird's Dropping Island)	Ganjam	19.51723279	85.13454795
Chilika Lake	Breakfast Island (=Sanakuda)	Ganjam	19.55441168	85.14670372
Chilika Lake	Central Sector	Puri	19.71241464	85.28411865
Chilika Lake	Channel between Satapada & Manikapatna	Puri	19.6865563	85.52993774
Chilika Lake	Channel between Satapada & Barhampura Island	Puri	19.6578244	85.43423653
Chilika Lake	Domkuda (=Ketu Dwip)	Ganjam	19.57671289	85.14442921
Chilika Lake	Ghantasila	Ganjam	19.52195519	85.11771441
Chilika Lake	Ghiakhala Headland	Khurda	19.75583917	85.2467823
Chilika Lake	Ghodadauda Village	Khurda	19.84755731	85.38115025
Chilika Lake	Gopakuda	Puri	19.58514328	85.23734093
Chilika Lake	Gorapur (=Goapara)	Puri	19.70675849	85.48805237
Chilika Lake	Harchandi River Mouth (A branch of Bhargavi River)	Puri	19.73974318	85.65518618
Chilika Lake	Jagadala	Khurda	19.932122	85.44865608
Chilika Lake	Jahnikuda	Puri	19.6484759	85.4001483
Chilika Lake	Jaipur	Unknown	Unknown	Unknown
Chilika Lake	Jaripada	Khurda	19.87910031	85.40788651
Chilika Lake	Kalijai	Puri	19.66550291	85.21429539
Chilika Lake	Kaliyugeswar	Khurda	19.74689266	85.24058104
Chilika Lake	Kalupadaghat	Khurda	19.88136035	85.40977478
Chilika Lake	Kesapur	Ganjam	19.61033072	85.13503075
Chilika Lake	Khallikote	Ganjam	19.61057328	85.13494492

Chilika Lake	Krushna Prasad Gada	Puri	19.66618991	85.2610302
Chilika Lake	Lake Mouth	Puri	19.71467705	85.61542511
Chilika Lake	Lake Proper	Puri	19.7166667	85.3166667
Chilika Lake	Madarchua	Ganjam	19.5035704	85.1128006
Chilika Lake	Magarmukh (=Old Channel)	Puri	19.69690014	85.55809021
Chilika Lake	Maladeikuda (=Malatikuda)	Ganjam	19.62593445	85.18275261
Chilika Lake	Manikapatna	Puri	19.7107901	85.5766466
Chilika Lake	Mahisa (=Mahensha/Mahensa/Mohinsa)	Puri	19.65412646	85.42355061
Chilika Lake	Maluda	Puri	19.55048894	85.24349928
Chilika Lake	Mirjapur	Puri	19.6995668	85.50418854
Chilika Lake	Nairi	Khurda	19.79804052	85.30673504
Chilika Lake	Nalabana	Puri	19.6918591	85.29811
Chilika Lake	Northern Sector	Puri	19.79125675	85.43243408
Chilika Lake	Outer Channel	Puri	19.67912125	85.51242828
Chilika Lake	Palur Canal	Ganjam	19.47047655	85.14006793
Chilika Lake	Panasapada	Puri	19.7169741	85.5264614
Chilika Lake	Patanasi Point (=Pandanasi Point)	Puri	19.5196143	85.2094794
Chilika Lake	Parahara	Ganjam	19.51060905	85.1063633
Chilika Lake	Parikud	Puri	19.62900651	85.36102295
Chilika Lake	Patasanipur	Khurda	19.7465622	85.2334302
Chilika Lake	Pathara	Ganjam	19.64331506	85.17193794
Chilika Lake	Pigeon Island (=May be Birds Island)	Ganjam	Unknown	Unknown
Chilika Lake	Rambha	Ganjam	19.51408781	85.09747982
Chilika Lake	Samuguda (=Honeymoon Island)	Ganjam	19.55396684	85.13091087
Chilika Lake	Sanakuda Island (=Breakfast Island)	Ganjam	19.55441168	85.14670372
Chilika Lake	Satapada	Puri	19.6690484	85.4504511
Chilika Lake	Serua Nadi	Unknown	Unknown	Unknown
Chilika Lake	Siara Gola	Puri	19.72924052	85.54315567
Chilika Lake	Somolo Island (=Samal Island)	Ganjam	19.5677864	85.1518254
Chilika Lake	Sorana (=Sarani)	Khurda	19.84842518	85.3810215
Chilika Lake	Southern Sector	Ganjam	19.53261297	85.1385498
Chilika Lake	Tonda near Satapada Rest House	Puri	19.67087765	85.43981552
Prayagi	–	Ganjam	19.44809998	85.14760494
Ganjam Coast	–	Ganjam	19.35390659	85.04653931
Rushikulya Estuary	Rushikulya Estuary	Ganjam	19.37042574	85.0663662
Rushikulya Estuary	Palur Canal	Ganjam	19.38328209	85.07355183
Chhatrapur	–	Ganjam	19.32766684	84.99898911
Gopalpur Port	–	Ganjam	19.30373154	84.96560097
Gopalpur	Gopalpur	Ganjam	19.25718742	84.90908146
Gopalpur	Gopalpur Creek (=Gopalpur Backwaters)	Ganjam	19.26265674	84.90800858
Gopalpur	Inspection Bungalow	Ganjam	19.25242694	84.90311623
Gopalpur	Light House	Ganjam	19.25604289	84.90674794
New Baxipalli	–	Ganjam	19.25025936	84.89537001
New Golabandha	–	Ganjam	19.22307098	84.86629486
Bahuda Estuary	Bahuda Estuary	Ganjam	19.11654326	84.78630066
Bahuda Estuary	Anantarayapur (=Antaraipur)	Ganjam	19.10158009	84.77204204
Bahuda Estuary	Keutasunapur	Ganjam	19.102675	84.7721386

Bahuda Estuary	Sorala (=Sorala Swamp)	Ganjam	19.11569173	84.75038052
Bahuda Estuary	Sunapur	Ganjam	19.11354262	84.7757864
Elephant Point	–	Unknown	Unknown	Unknown
Khaimasi	–	Unknown	Unknown	Unknown
Sandheads	–	Unknown	Unknown	Unknown

Echiura, Mollusca, and Sipuncula), lophophorates (Bryozoa and Brachiopoda), and deuterostomes (Echinodermata and Chordata)]. The phyla Ciliophora and Foraminifera were kept ahead of animal groups. Again, the classification system followed for each higher taxon (phylum/subphylum/superclass/class) was different. The classification system adopted for these higher taxa has been mentioned in their respective checklists. Finally, an annotated checklist of the marine fauna of Odisha was furnished, which includes information on locality records and relevant citations for each species.

RESULTS AND DISCUSSION

After a compilation of 455 references, a total of 2,611 marine/brackish water species in 1,524 genera, 724 families, and 205 orders were encountered in 25 higher taxa [Ciliophora, Foraminifera, Porifera, Cnidaria, Ctenophora, Entoprocta, Platyhelminthes, Kinorhyncha, Nematoda, Gastrotricha, Chaetognatha, Arthropoda, Tardigrada, Annelida, Echiura, Mollusca, Sipuncula, Bryozoa, Brachiopoda, Echinodermata, Tunicata, Gnathostomata (Pisces), Reptilia, Aves, and Mammalia] from the Odisha coast (Table 2).

Table 2. Number of recorded taxa and consulted references for the checklist of marine fauna of Odisha

Taxon	Class	Order	Family	Genus	Species	% of total species	References consulted
Phylum Ciliophora	10	23	38	41	75	2.87	5
Phylum Foraminifera	2	6	17	24	30	1.15	5
Phylum Porifera	3	11	26	46	56	2.14	12
Phylum Cnidaria	4	13	29	44	60	2.3	17
Phylum Ctenophora	1	1	1	1	1	0.04	4
Phylum Entoprocta	–	1	1	2	2	0.08	2
Phylum Platyhelminthes	3	7	38	103	229	8.77	104
Phylum Kinorhyncha	–	1	2	2	3	0.11	3
Phylum Nematoda	2	9	17	26	29	1.11	5
Phylum Gastrotricha	–	2	8	16	26	1	6
Phylum Chaetognatha	1	2	4	8	10	0.38	6
Phylum Arthropoda	7	19	147	288	523	20.03	112
Phylum Tardigrada	1	1	2	2	2	0.08	3
Phylum Annelida	2	10	48	119	183	7.01	35
Phylum Echiura	1	1	1	2	5	0.19	8
Phylum Mollusca	5	31*	116	268	454	17.39	65
Phylum Sipuncula	1	2	2	2	2	0.08	2
Phylum Bryozoa	2	3	19	25	30	1.15	4
Phylum Brachiopoda	1	1	1	1	2	0.08	2
Phylum Echinodermata	5	14	29	46	59	2.26	21
Phylum Chordata							
Subphylum Tunicata	3	3	4	4	4	0.15	3
Subphylum Vertebrata							
Superclass	2	30	145	386	722	27.65	189
Gnathostomata (Pisces)							
Superclass	Reptilia	3	6	12	14	0.54	24
Tetrapoda							
Aves	8	16	43	74	74	2.83	
Mammalia	3	7	13	16	16	0.61	11
Total	59	205	724	1,524	2,611	100	455

*12 are clades (unranked)

The superclass Gnathostomata (Pisces) was the most species rich taxon (with 722 species, 27.65%) followed by the phylum Arthropoda (with 523 species, 20.03%), phylum Mollusca (with 454 species, 17.39%), phylum Platyhelminthes (with 229 species, 8.77%), and phylum Annelida (with 183 species, 7.01%) (Table 2). While species richness was ranged between 56 and 75 for the phylum Ciliophora, phylum Porifera, phylum Cnidaria, phylum Echinodermata, and class Aves, the remaining taxa had a species count below 30. The least represented taxa (species richness below 5) of the coast were the phylum Ctenophora, phylum Entoprocta, phylum

Kinorhyncha, phylum Tardigrada, phylum Echiura, phylum Sipuncula, phylum Brachiopoda, and subphylum Tunicata.

Out of 2,10,202 marine species of the World (see Appeltans *et al.*, 2012), about 13,813 species are found in India (see Venkataraman and Wafar, 2005; Wafar *et al.*, 2011; Director, Zoological Survey of India, 2013; Kakodkar *et al.*, 2013; WoRMS Editorial Board, 2013; BirdLife International, 2014) (Table 3). India contributes 6.57% of world's marine faunal diversity whereas Odisha shares only 1.24%. Even with a short coastline (480 km, the sixth longest coast of India), nearly 19% of Indian marine species are found in Odisha.

Table 3. Comparison of the number of marine species recorded in Odisha with the total number of marine species in India and World

Taxon	World (Appeltans <i>et al.</i> , 2012)	India (Wafar <i>et al.</i> , 2011)	Odisha (present list)	% of World species in India	% of World species in Odisha	% of Indian species in Odisha
Ciliophora	2,615	235*	75	8.99	2.87	31.91
Foraminifera	6,000	559*	30	9.32	0.5	5.37
Porifera	8,553	486	56	5.68	0.65	11.52
Cnidaria	10,211	842	60	8.25	0.59	7.13
Ctenophora	190	12	1	6.32	0.53	8.33
Entoprocta	193	10**	2	5.18	1.04	20
Platyhelminthes	11,690	350	229	2.99	1.96	65.43
Kinorhyncha	228	10	3	4.39	1.32	30
Nematoda	11,400	180*	29	1.58	0.25	16.11
Gastrotricha	434	75	26	17.28	5.99	34.67
Chaetognatha	129	30	10	23.26	7.75	33.33
Acari	1,218	5***	1	0.41	0.08	20
Merostomata	4	2**	2	50	50	100
Pycnogonida	1,307	17**	1	1.3	0.08	5.88
Crustacea	50,230	3,498	519	6.96	1.03	14.84
Tardigrada	183	10	2	5.46	1.09	20
Annelida	13,721	338	183	2.46	1.33	54.14
Echiura	175	33	5	18.86	2.86	15.15
Mollusca	51,689	3,370	454	6.52	0.88	13.47
Sipuncula	150	35	2	23.33	1.33	5.71
Bryozoa	5,900	200	30	3.39	0.51	15
Brachiopoda	388	3**	2	0.77	0.52	66.67
Hemichordata	118	12	0	10.17	0	0
Echinodermata	7,291	765	59	10.49	0.81	7.71
Tunicata	3,020	113	4	3.74	0.13	3.54
Pisces	16,733	2,546	722	15.22	4.31	28.36
Reptilia	110	35	14	31.82	12.73	40
Aves	641	252*****	74	39.31	11.54	29.37
Mammalia	135	25	16	18.52	11.85	64
Other Marine Groups	8,161	0	0	0	0	0
Total	2,10,202	13,813	2,611	6.57	1.24	18.9

*According to estimation of Kakodkar *et al.* (2013)

** According to estimation of Director, Zoological Survey of India (2013)

*** According to estimation of WoRMS Editorial Board (2013)

****According to Venkataraman and Wafar (2005)

***** Including seabirds and waterbirds according to estimation of BirdLife International (2014)

Checklist of marine fauna of Odisha

The following sections summarize the latest information on each higher taxon, including taxon strength, checklist, locality records, and relevant citations.

Kingdom Chromista

Phylum Ciliophora

Nagabhushanam and Chandrasekhara Rao (1969) reported the first ciliate from Odisha. So far, 75 species of ciliates belonging to 41 genera, 38 families, 23 orders, and 10 classes (Table 4) were reported from Konark, Puri, and Chilika Lake (Nagabhushanam, 1972; Das and Nair, 1987; Das, 1995; Kalavati and Raman, 2008). Other localities remained unexplored. The supraordinal classification of Ciliophora is after Lynn and Small (1997).

Phylum Foraminifera

Even though foraminiferans were reported from many localities between Gahiramatha and Rushikulya estuary, they are still poorly known due to scanty studies (Nagabhushanam and Chandrasekhara Rao, 1969; Nagabhushanam, 1972; Das and Nair, 1987; Rao, 1987; Bhattacharjee *et al.*, 2008). A total of 30 foraminiferan species in 24 genera, 17 families, six orders, and two classes are known so far from the Odisha coast (Table 5). The supraordinal classification is after Pawlowski *et al.* (2013).

Kingdom Animalia

Phylum Porifera

Marine sponges were first studied by Annandale (1911). The present checklist of Porifera comprises 65 species in 46 genera, 26 families, 11 orders, and three classes (Table 6). Poriferans were reported from the Mahanadi Estuary, Chilika Lake, and Ganjam Coast (Annandale, 1911, 1914, 1915a, 1915b; Sewell and Annandale, 1922; Nilsson-Cantell, 1938; Soota, 1987; Pattanayak, 1995, 1998; Bapuji *et al.*, 1999; Thomas *et al.*, 2002; Patnayak, 2009). Other localities are yet to be explored. The systematic classification of Porifera is after Hooper and van Soest (2002).

Phylum Cnidaria

Annandale (1909a) reported the first coelenterate from the Odisha coast. Cnidarians were reported from various localities in a number of studies (Annandale, 1915c; Gravely, 1919; Sewell and Annandale, 1922;

Rao, 1931; Kramp, 1958; Nagabhushanam, 1972; Daniel, 1985; Chandrasekhara Rao, 1989; Parulekar, 1990; Satpathy, 1990; Gouda and Panigrahy, 1995; Haldar and Choudhury, 1995; Misra, 1995; Mishra and Panigrahy, 1999; Mitra and Misra, 2006; Sahu *et al.*, 2010). It is strange that no coelenterate was recorded at least from two major coastal habitats *i.e.* Bhitarkanika and Mahanadi estuary. From the Odisha coast, 60 cnidarian species in 44 genera, 29 families, 13 orders, and four classes were recorded (Table 7). The systematic classification of Cnidaria is after Daly *et al.* (2007).

Phylum Ctenophora

Only one species of comb jellies is so far reported from the Chilika Lake and Rushikulya Estuary (Annandale and Kemp, 1915a; Sewell and Annandale, 1922; Gouda and Panigrahy, 1995; Sahu *et al.*, 2010) (Table 8). Undoubtedly, Ctenophora is a poorly studied phylum since many of the localities are unexplored. The systematic classification of Ctenophora is after Mills (2012).

Phylum Entoprocta

Only two species of entoprocts were recorded at Puri and Chilika Lake (Annandale, 1915d; Robertson, 1921) (Table 9). Entoprocta is another example of the poorly studied marine taxa due to lack of taxonomic studies, particularly on the biofouling phenomenon. The systematic positions of the recorded species were confirmed from WoRMS Editorial Board (2013).

Phylum Platyhelminthes

Platyhelminthes is a major marine phylum in Odisha with 229 species in 103 genera, 38 families, seven orders, and three classes (Table 10). Most of these were found to be parasitic on marine fishes (Madhavi, 2011). Species records from various localities can be found in several studies (Southwell, 1915; Chaudhuri, 1916a; Srivastava, 1936, 1938, 1939a, 1939b, 1939c, 1941a, 1941b; Verma, 1936; Dayal, 1948; Gupta, 1967, 1968a, 1968b; Nagabhushanam, 1972; Gupta and Ahmad, 1974a, 1974b, 1976a, 1976b, 1976c, 1977a, 1977b, 1977c, 1978a, 1978b, 1978c, 1979a, 1979b, 1981; Gupta and Jahan, 1975; Hafeezullah, 1975a, 1975b, 1984; Kumari, 1975; Ahmad, 1976, 1978, 1979, 1980a, 1980b, 1981a, 1981b, 1982, 1983a, 1983b, 1983c, 1984, 1987, 1988; Gupta and Gupta, 1976, 1978, 1980, 1983,

1986a, 1986b, 1987a, 1987b, 1988, 1989, 1990, 1997; Gupta and Puri, 1979, 1980, 1981, 1982a, 1982b, 1984, 1985a, 1985b; Gupta and Govind, 1981, 1983, 1984a, 1984b; Gupta and Singh, 1981, 1982, 1985a, 1985b, 1989, 1999; Gupta and Tandon, 1983, 1984; Singh and Gupta, 1984; Ahmad and Gupta, 1985; Govind, 1985; Ahmad and Dhar, 1987a, 1987b, 1988; Rukmini and Madhavi, 1987; Chandrasekhara Rao, 1989; Gupta and Srivastava, 1989; Pandey and Tewari, 1989; Lokhande, 1990; Gupta and Jain, 1991a, 1991b, 1991c, 1992a, 1992b; Shameem and Madhavi, 1991; Madhavi and Shameen, 1993; Dutta, 1995; Manna and Dutta, 1996; Dutta and Manna, 1998; Saxena and Prakash, 2006; Pati *et al.*, 2009b; Madhavi, 2011). However, the highest species richness within a given locality was found at Puri followed by the Chilika Lake. Since marine fishes serve as host to parasitic flatworms, other localities are yet to be explored bearing in mind the high marine fish diversity in Odisha. The systematic classification of the subclass Digenea up to family level is after Olson *et al.* (2003). Systematic positions of the other species were confirmed from WoRMS Editorial Board (2013).

Phylum Kinorhyncha

Kinorhyncha is a minor phylum, and only three species in two genera of two families are hitherto recorded at Chandipur, Konark, Puri, and Bahuda estuary of the Odisha coast (Nagabhushanam, 1972; Chandrasekhara Rao, 1989, 1991) (Table 11). As a component of meiobenthos, mud dragons can be found in sandy and muddy habitats of all depths. Therefore, interstitial habitats of the entire coast need to be explored. The phylum Kinorhyncha is not only poorly studied in Odisha but also from the Indian coast (see Wafar *et al.*, 2011) (Table 3). The systematic classification of Kinorhyncha is after Sørensen (2013).

Phylum Nematoda

The phylum Nematoda is poorly studied along the Odisha coast. Only 29 species of nematodes in 26 genera, 17 families, nine orders, and two classes were reported from the Odisha coast (Table 12). The diversity of marine nematodes is very low in India that contributes 1.58% world species (Table 3). Roundworms have been reported from various localities between Chandipur and Bahuda Estuary

(Stewart, 1910; Nagabhushanam, 1972; Chandrasekhara Rao, 1989; Sarkar, 1995; Pati *et al.*, 2009b). The systematic classification of Nematoda up to family level is after Hodda (2011).

Phylum Gastrotricha

Even though Gastrotricha has a low species count (26 species in 16 genera, eight families, and two orders) in Odisha (Table 13), gastrotrichs of Odisha contribute at least a third of Indian diversity and 6% of world diversity (Table 3). Hairy-backs of the Odisha coast were recorded from Konark, Puri, Gopalpur, and Bahuda Estuary (Nagabhushanam, 1972; Chandrasekhara Rao, 1981, 1989, 1991; Vanamala Naidu and Rao, 2004; Pati *et al.*, 2009b). The remaining localities need exploration for the presence of Gastrotricha. The systematic classification up to family level is after Balsamo *et al.* (2013).

Phylum Chaetognatha

Like Gastrotricha, Chaetognatha showed a low species count with 10 species in eight genera, four families, and two orders from the marine waters of Odisha (Table 14). Arrow worms of the Odisha coast contribute at least a third of Indian diversity and 8% of world diversity (Table 3). Chaetognaths were reported from the Budhabalanga Estuary, Puri, Chilika Lake, Rushikulya Estuary, and Bahuda Estuary as a component of zooplanktons (Srinivasan and Krishnan, 1985; Gouda and Panigrahy, 1995; Ramaiah *et al.*, 1996; Acharya *et al.*, 1999; Mishra and Panigrahy, 1999; Sahu *et al.*, 2010). More taxonomic studies should be conducted on these planktonic animals in other estuaries, brackish waters and marine environments. The systematic classification of Chaetognatha is after Papillon *et al.* (2006).

Phylum Arthropoda

Arthropoda is the second most diverse taxon in the Odisha coast with 523 species in 288 genera, 147 families, 19 orders, and seven classes (Table 15). Among the marine arthropods of Odisha, the subphylum Crustacea alone contributes 519 species (nearly 99%). Nearly 15% of the marine crustaceans of India are found in Odisha (Table 3). The present checklist was prepared after compilation of 112 references (Alcock, 1906; Annandale, 1909b, 1910, 1911, 1914, 1915e; Jenkins, 1912; Sewell, 1913,

1919, 1924, 1929; Kemp, 1914, 1915a, 1915b, 1916a, 1916b, 1916c, 1917a, 1917b, 1919a, 1919b, 1922; Tattersall, 1914, 1915, 1922, 1957; Henderson, 1915; Chilton, 1916, 1921, 1924; Gravely, 1919; Sewell and Annandale, 1922; Nilsson-Cantell, 1938; Jones and Sujansingani, 1954; Krishna Pillai, 1961, 1985; Muthu, 1965; Sivaprakasam, 1966; Prabhakara Rao, 1967; George, 1972; Nagabhushanam, 1972; Rama Rao and Surya Rao, 1972; Jhingran and Gopalkrishnan, 1973; Kowtal, 1976; Ramakrishnaiah, 1979; Sarma *et al.*, 1979a, 1979b; Pati, 1980; Daniel, 1981; Venkateswaran and Fernando, 1982; Peethambaran Achari, 1983; Ghosh, 1987, 1995a, 1995b, 1995c, 1998a, 1998b; Lazarus *et al.*, 1987, 1990; Rao, 1987; Debnath and Chaudhury, 1988; Chandrasekhara Rao, 1989; Satpathy, 1990; Pillai *et al.*, 1991; Rama Rao *et al.*, 1992; Pattanaik, 1993; Chatterji *et al.*, 1994; Rao and Sarma, 1994; Bairagi, 1995; Bhadra, 1995, 1998; Deb, 1995, 1998a, 1998b; Ghatak, 1995, 1998; Gouda and Panigrahy, 1995; Narapu Reddy, 1995; Reddy, 1995a, 1995b; Nayak, 1996; Ramaiah *et al.*, 1996; Pattanaik and Sarma, 1997; Narapu Reddy and Krishna Murthy, 1998; Roy, 1998; Chatterji, 1999; Mishra and Panigrahy, 1999; Das and Saksena, 2001; Das *et al.*, 2001; Mohanty and Mohanty, 2001; Das and Sahu, 2002; Mohanty and Patnaik, 2002; Das, 2004; Dev Roy and Bhadra, 2005; Mohapatra *et al.*, 2005, 2007a, 2007b; Nayak *et al.*, 2005; Antony Fernando, 2006; Mitra and Misra, 2006; Ramakrishna *et al.*, 2006; Satpathy and Mishra, 2007; Dev Roy, 2008, 2012; Sahoo *et al.*, 2008; Veena *et al.*, 2008; Krishnamoorthy, 2009; Pati *et al.*, 2009b; Mitra *et al.*, 2010; Sahu *et al.*, 2010; Biju and Panampunnayil, 2011; Rath and Dev Roy, 2011). Although crustaceans have been reported from almost all the localities, more species are still expected in copepods, amphipods, isopods, and cumaceans. The systematic classification of Arthropoda up to subphylum is after Zhang (2013). The classification of Crustacea is mainly based on Martin and Davis (2001) with some changes as per WoRMS Editorial Board (2013).

Phylum Tardigrada

Tardigrada is a minor phylum with very low species diversity in India (see Wafar *et al.*, 2011) (Table 3). Only two species in two genera and two families are

found in the Odisha coast (Table 16). Water-bears were reported from Konark, Puri, and Gopalpur (Nagabhushanam, 1972; Chandrasekhara Rao, 1989; Pati *et al.*, 2009b). More inventories of tardigrades are not only expected from Odisha but also from other localities of Indian coast. The systematic classification of Tardigrada is after Guidetti and Bertolani (2011).

Phylum Annelida

Annelida is a well-studied phylum in the Odisha coast with 183 species in 119 genera, 48 families, 10 orders, and two classes (Table 17). Annelids were reported from the Odisha coast between Subarnarekha and Bahuda estuaries (Annandale, 1911; Jenkins, 1912; Stephenson, 1914, 1915, 1917; Southern, 1921; Sewell and Annandale, 1922; Fauvel, 1932, 1953; Nagabhushanam and Chandrasekhara Rao, 1969; Rao, 1969, 1987; Nagabhushanam, 1972; Julka and Nageswara Rao, 1976; Soota and Rao, 1977; Chandrasekhara Rao, 1978, 1989; Sarma *et al.*, 1979a; Nageswara Rao, 1981, 1995, 1998; Misra *et al.*, 1987; Satpathy, 1990; Misra and Chakraborty, 1991; Rama Rao *et al.*, 1992; Pattanaik, 1993; Misra, 1998; Pattanayak and Haldar, 1998; Glasby, 1999; Mitra and Misra, 2006; Ramakrishna *et al.*, 2006; Ingole, 2007; Pati *et al.*, 2009b; Mitra *et al.*, 2010; Sivaleela and Venkataraman, 2012). In comparison to world diversity of marine ringed worms (13,721 species) (see Appeltans *et al.*, 2012), the diversity of these worms in India is quite low (338 species, 2.46%) (see Wafar *et al.*, 2011) (Table 3). On the other hand, nearly 54% of marine annelids of India are found in Odisha. Nevertheless, species diversity in some families of polychaetes is quite low. For instance, only four species of tubeworms (Serpulidae) were recorded from the entire Odisha coast whereas nine species were reported from the Visakhapatnam harbour (about 200 km south of Odisha) alone (see Pati *et al.*, 2014, 2015). The classification of Polychaeta is followed mainly from Rouse (2000), modified after Fauchald and Rouse (1997), and updated from Read and Fauchald (2014). The systematic positions of other annelids were confirmed from WoRMS Editorial Board (2013).

Phylum Echiura

In the recent past, Echiura was included in the phylum Annelida by Struck *et al.* (2007). However,

we maintain 'Echiura' as a phylum for easy comparison with other studies. A total of five species of spoon worms in two genera of a lone family were reported (Table 18) from the Subarnarekha Estuary, Chandipur, and Chilika Lake (Annandale and Kemp, 1915b; Gravely, 1919; Prashad, 1919; Haldar, 1995a, 1995b, 1998; Mitra and Misra, 2006; Mitra *et al.*, 2010). More species of spoon worms is expected from the Odisha coast after extensive survey and collection efforts.

Phylum Mollusca

Next to Arthropoda, Mollusca is the largest phylum in Odisha coast with 454 species in 268 genera, 116 families, 31 orders (of which, 12 are unranked), and five classes (Table 19). Gastropoda is the most species-rich class among the marine molluscs of Odisha followed by the class Bivalvia. Marine molluscs were reported from almost all the localities of Odisha (Preston, 1910, 1911, 1914, 1915; Annandale, 1911, 1924; Jenkins, 1912; Annandale and Kemp, 1916; Eliot, 1916; Hornell, 1917; Gravely, 1919; Ghosh, 1920; Sewell and Annandale, 1922; Ganapati and Rao, 1961; Subba Rao, 1968, 2003; Patnaik, 1971; Nagabhushanam, 1972; Virabhadra Rao and Satyanarayana Rao, 1974; Subba Rao and Mookherjee, 1975; Rajagopal and Mookherjee, 1978, 1982; Sarma *et al.*, 1979b; Subba Rao and Dey, 1984, 1986, 2000; Mookherjee, 1985; Rao, 1987; Chandrasekhara Rao, 1989; Satpathy, 1990; Subba Rao *et al.*, 1991, 1992, 1995; Surya Rao and Subba Rao, 1991; Rama Rao *et al.*, 1992; Pattanaik, 1993; Subba Rao and Surya Rao, 1993; Nayak, 1996; Surya Rao and Maitra, 1998; Mohapatra, 2001, 2010; Ramakrishna and Dey, 2003, 2010; Das, 2004; Ramakrishna *et al.*, 2004, 2006, 2007; Surya Rao *et al.*, 2004; Dey, 2006; Ganesh *et al.*, 2006; Mitra and Misra, 2006; Dey and Ramakrishna, 2007; Dutta, 2007; Sahu *et al.*, 2007; Mahapatra, 2008; Pati *et al.*, 2008, 2009a, 2009b; Sahu and Sethy, 2008; Mahapatro *et al.*, 2009; Mitra *et al.*, 2010; Venkitesan and Mukherjee, 2011; Nayak *et al.*, 2012; Pati and Panigrahy, 2012; Pati and Swain, 2012; Tudu and Mohapatra, 2012). Species reported by Subba Rao and Mookherjee (1975) could not be checked. However, all the molluscs recorded by these authors were also cited by Surya Rao and Maitra (1998). Mollusca is the largest phylum in marine

environment with 51,689 species (see Appeltans *et al.*, 2012). Indian coast is bestowed with 3,370 species of molluscs (see Wafar *et al.*, 2011), which contributes 6.52% of world's diversity (Table 3). About 13.5% of Indian species are found in the Odisha coast. More species can be still expected in the class Bivalvia due to sandy or muddy nature of the Odisha coast. The molluscan classes were arranged systematically by following Ponder and Lindberg (2008). The systematic classification of the classes Bivalvia, Cephalopoda, and Gastropoda is after Carter *et al.* (2011), Young *et al.* (2012), and Poppe and Tagaro (2006), respectively, with some essential amendments as per WoRMS Editorial Board (2013).

Phylum Sipuncula

As in the case of Echiura, Sipuncula was also included in the phylum Annelida by Struck *et al.* (2007). However, we maintain 'Sipuncula' as a phylum for easy comparison with other studies. Only two species of peanut worms in two genera, two families, and two orders were reported (Table 20) from the Subarnarekha Estuary and Chilika Lake (Haldar, 1995b; Mitra *et al.*, 2010). Sipuncula is an overlooked taxon in Odisha because India contributes a quarter of world's diversity (see Wafar *et al.*, 2011; Appeltans *et al.*, 2012) (Table 3). Therefore, more emphasis should be given to the taxonomy of Sipuncula in Odisha. The systematic classification of Sipuncula is after Gibbs and Cutler (1987).

Phylum Bryozoa

A total of 30 species of bryozoans in 25 genera, 19 families, three orders, and two classes were hitherto recorded from the Odisha coast (Table 21). Bryozoans were reported from Devi River mouth and southwards (Annandale, 1915d; Robertson, 1921; Sewell and Annandale, 1922; Pati *et al.*, 2009b). Other localities of Odisha particularly north of Devi River Mouth should be explored for bryozoan diversity. Even though moss animals are sessile and found in rocky habitats, it is still prudent to check the presence of bryozoans in mangrove trunks, harbour structures, boats, trawlers, and vessels. Altogether, very limited and early studies were conducted on the systematics of bryozoans in Odisha coast. The systematic classification of Bryozoa is after Bock and Gordon (2013).

Phylum Brachiopoda

Brachiopoda is the least studied marine phylum in India with only 3 species (see Director, Zoological Survey of India, 2013) as compared to 388 species of the World (see Appeltans *et al.*, 2012). From the Subarnarekha Estuary of the Odisha coast, two species of brachiopods were reported (Table 22) (Mitra and Misra, 2006; Mitra *et al.*, 2010). The low species diversity of brachiopods in Odisha and India is mainly due to the limited number of taxonomic studies, poor survey efforts, and specific habitat preference of these animals. Since the phylum is not investigated beyond the Subarnarekha Estuary, we recommend for a complete survey of the coast, particularly in the sheltered environments like estuaries, backwaters, and lagoons. The systematic classification of Brachiopoda is after Emig *et al.* (2013).

Phylum Echinodermata

Echinodermata is an exclusively marine phylum with 765 species in India (see Wafar *et al.*, 2011) and 7,291 species in world (see Appeltans *et al.*, 2012) (Table 3). A total of 59 species in 46 genera, 29 families, 14 orders, and five classes are found in Odisha (Table 23). Species diversity of echinoderms is undoubtedly low in Odisha as compared to India and the neighbouring state Andhra Pradesh (with 100 species) (see Sastry *et al.*, 2012). Echinoderms were reported from some major localities of Odisha (Koehler, 1898, 1899, 1910, 1914, 1922, 1927; Koehler and Vaney, 1908; Clark, 1912; Jenkins, 1912; Ganapati and Lakshmana Rao, 1962; James, 1969, 1979, 1987; Sastry, 1995a, 1995b, 1998, 2007; Pattanayak and Haldar, 1998; Mitra and Misra, 2006; Mitra *et al.*, 2010; Sastry *et al.*, 2012). Therefore, the remaining coast requires intensive survey and exploration. The classes were arranged systematically by following Pawson (2007). The classification of the classes Asterozoa, Ophiurozoa, Echinozoa, and Holothurozoa is after Mah (2014), Stöhr and O'Hara (2014), Kroh and Mooi (2011), and Kerr and Kim (2001), respectively.

Phylum Chordata

Subphylum Tunicata

The subphylum Tunicata is a species-rich taxon, which includes holoplanktonic forms like larvaceans and salps and benthic forms like ascidians. However, only four species of tunicates in four genera, four

families, three orders, and three classes were reported so far from the Odisha coast (Table 24). Species records were found at Puri, Chilika Lake, and Bahuda Estuary (Sebastian and Kurian, 1981; Dhandapani, 1995a; Mishra and Panigrahy, 1999). Tunicate diversity is extremely low in Odisha as compared to India with 113 species (see Venkataraman and Wafar, 2005). Likewise, Indian diversity is low as compared to world diversity with 3,020 species (see Appeltans *et al.*, 2012). More collections of planktonic forms and solitary/colonial ascidians from different localities of the coast would enhance the species richness of the tunicates. The systematic classification of Tunicata is after phylogenetic analysis carried out by Tsagkogeorga *et al.* (2009).

Subphylum Vertebrata

Superclass Gnathostomata (Pisces)

Gnathostomata (Pisces) is extensively studied and the most species-rich taxon in the Odisha coast with 722 species in 386 genera, 145 families, 30 orders, and two classes, including 56 species that are primarily freshwater inhabitants (Table 25). Perciformes is the largest order of marine fishes in Odisha followed by Clupeiformes and Pleuronectiformes. A checklist containing 605 species of marine fishes was already available for Odisha (see Barman *et al.*, 2007). However, we have added another 117 species to the list after perusal of additional 188 publications (Day, 1878; Alcock, 1889, 1890a, 1890b; Lloyd, 1908; Annandale, 1909c; Annandale and Jenkins, 1910; Chaudhuri, 1910, 1916a, 1916b, 1916c, 1917, 1923; Jenkins, 1910a, 1910b, 1912; Southwell, 1913; Duncker, 1914; Bhattacharya, 1916; Prashad, 1920; Hora, 1923; Norman, 1927; Weber and Beaufort, 1929, 1936, 1951, 1965; Srivastava, 1936, 1938, 1939a, 1939b, 1941a, 1941b; Verma, 1936; Koumans, 1941; Dayal, 1948; Jones and Sujansingani, 1954; Job *et al.*, 1955; Jhingran, 1958; Jones and Pantulu, 1958; Menon, 1963; Rao, 1964; Gupta, 1967, 1968a, 1968b; Kowtal, 1967, 1976; Talwar and Chakrapani, 1967; Talwar and Sen, 1967; Jhingran and Natarajan, 1969; Misra, 1969; Sriramachandra Murty, 1969, 1975; Thakur, 1970; Patnaik, 1971, 1973; Nagabhusanam, 1972; Natarajan and Patnaik, 1972; Ramakrishnaiah, 1972; Whitehead, 1972; Jhingran and Gopalkrishnan, 1973; Talwar, 1973, 1974; Gupta and Ahmad, 1974a, 1974b, 1976a,

1976b, 1976c, 1977a, 1977b, 1977c, 1978a, 1978b, 1978c, 1979a, 1979b, 1981; Gupta and Jahan, 1975; Hafeezullah, 1975a, 1984; Menon and Chattarjee, 1975; Appa Rao, 1976; Gupta and Gupta, 1976, 1978, 1980, 1983, 1986a, 1986b, 1987a, 1987b, 1988, 1989, 1990, 1997; Patnaik and Jena, 1976; Ahmad, 1977, 1978, 1979, 1980a, 1980b, 1981a, 1981b, 1982, 1983a, 1983b, 1983c, 1984, 1987, 1988; Singh and Talwar, 1978; Pati, 1979; Gupta and Puri, 1980, 1981, 1982a, 1982b, 1984, 1985a, 1985b; Gupta and Govind, 1981, 1983, 1984a, 1984b; Gupta and Singh, 1981, 1982, 1985a, 1985b, 1989, 1999; Sinha, 1981; Pati and Pati, 1982; Datta and Das, 1983; Gupta and Tandon, 1983, 1984; Bal and Rao, 1984; Singh and Gupta, 1984; Talwar and Kacker, 1984; Ahmad and Gupta, 1985; Govind, 1985; Gupta and Masoodi, 1985; Ramasomayajulu and Dhana Raju, 1985; Venkateswarlu and Rama Rao, 1986; Ahmad and Dhar, 1987a, 1987b, 1988; Patnaik and Mishra, 1988; Das and Mishra, 1989; Gupta and Srivastava, 1989; Lokhande, 1990; Gupta and Jain, 1991a, 1991b, 1992a, 1992b; Rajyalakshmi *et al.*, 1991; Shameem and Madhavi, 1991; Rama Rao *et al.*, 1992; Madhavi and Shameen, 1993; Khora and Rama Rao, 1994; Dutta, 1995, 2007; Mukherjee, 1995; Rama Rao, 1995; Sarkar, 1995; Manna and Dutta, 1996; Venkateswarlu *et al.*, 1998a; Chadha and Sekar, 1999; Mishra *et al.*, 1999, 2003, 2010a, 2010b; Das and Sahu, 2001; Das, 2003; Jayaram and Sanyal, 2003; Venkataraman *et al.*, 2003; Ramakrishna *et al.*, 2006; Saxena and Prakash, 2006; Barman and Mishra, 2007, 2010; Mohapatra *et al.*, 2007b; Sriramachandra Murty and Monikyam, 2007; Raje *et al.*, 2007; Ammini *et al.*, 2008; Biswas, 2009; Satapathy and Panda, 2009; Mitra *et al.*, 2010; Ghosh *et al.*, 2011; Khan *et al.*, 2011; Madhavi, 2011; Bhuyan *et al.*, 2012; Yennawar and Tudu, 2012). Nearly a third of Indian marine fishes are found along the Odisha coast, and 15.22% of world species are known from India (Table 3). The systematic classification of Gnathostomata up to family level is after Eschmeyer and Fong (2011).

Superclass Tetrapoda

Class Reptilia

A total of 14 species of reptiles in 12 genera, six families, and three orders were hitherto reported from the Odisha coast (Table 26) (Jenkins, 1912; Annandale, 1915f, 1921a; Nilsson-Cantell, 1938;

Krishnan, 1970; Kar, 1979, 1986; Biswas, 1982; Murthy, 1986, 1990, 1995; Murthy and Rama Rao, 1987; James *et al.*, 1989; Kar and Bustrad, 1989; Sahoo *et al.*, 1996; Pandav *et al.*, 1998; Venkateswarlu *et al.*, 1998b; Shanker *et al.*, 1999; Ramakrishna *et al.*, 2006; Mahapatro *et al.*, 2008; Satapathy *et al.*, 2008; Tripathy and Rajasekhar, 2009; Mitra *et al.*, 2010; Palot and Radhakrishnan, 2010). Nearly a third of marine reptiles of the world occur in India, and 40% of Indian species are found in Odisha (Table 3). It is remarkable that five species of marine turtles out of seven species of the world exist in the Odisha coast, and three mass nesting sites (Gahiramatha, Devi River Mouth, and Rushikulya Estuary) have been identified for the threatened species, *Lepidochelys olivacea* (Eschscholtz, 1829). The systematic positions are according to WoRMS Editorial Board (2013). The classification for the order Testudines is after Fritz and Havaš (2013).

Class Aves

Seabirds of the Odisha coast constitute 74 species in 43 genera, 16 families, and eight orders (Table 27), which were recorded from the Dhamara Port, Bhitarkanika, Mahanadi Estuary, and Chilika Lake (Annandale, 1921b; Chattopadhyay, 1995; Pandav, 1996; Mohapatra, 1998; Dutta, 2007). More than 10% of seabirds of world are found in Odisha (Table 3). Although major habitats were surveyed for seabirds in Odisha, the remaining localities are not yet assessed. Therefore, priority should be given on documenting the seabird diversity in Odisha. All the seabird species were arranged according to the checklist of Clements *et al.* (2013).

Class Mammalia

Marine mammals are well documented in the Odisha coast (Annandale, 1915f; James *et al.*, 1989; Dhandapani, 1992, 1995b, 1997; Jayaprakash *et al.*, 1995; Saha, 1995; Sinha, 2004; Naik, 2008; Satapathy *et al.*, 2008; John *et al.*, 2012). A total of 16 species of marine mammals in 13 genera, seven families, and three orders have so far been reported from the Odisha coast (Table 28). Out of 135 marine mammal species of the world (see Appeltans *et al.*, 2012), 25 species are found in India (see Wafar *et al.*, 2011), and Odisha has two third of Indian marine mammals (Table 3). The systematic classification is after Wilson and Reeder (2011).

Table 4. Checklist of Ciliophora recorded from the Odisha coast

Phylum Ciliophora Doflein, 1901	Locality	References
Subphylum Postciliodesmatophora Gerassimova & Seravin, 1976		
Class Karyorelictea Corliss, 1974		
Order Protostomatida Small & Lynn, 1985		
Family Trachelocercidae Kent, 1881		
<i>Trachelocerca minuta</i> Dragesco, 1960	Chilika Lake	Kalavati and Raman (2008)
<i>Trachelocerca phoenicopterus</i> Cohn, 1866	Chilika Lake	Das and Nair (1987); Das (1995)
Order Protoheterotrichida Nouzarède, 1977		
Family Geleidae Kahl, 1933		
<i>Geleia decolor</i> Kahl, 1933	Konark and Puri	Nagabhusanam and Chandrasekhara Rao (1969); Das and Nair (1987)
<i>Geleia nigriceps</i> Kahl, 1933	Chilika Lake	Das and Nair (1987); Das (1995)
Class Heterotrichea Stein, 1859		
Order Heterotrichida Stein, 1859		
Family Blepharismidae Jankowski in Small & Lynn, 1985		
<i>Anigsteinia salinaria</i> Kahl, 1928	Chilika Lake	Kalavati and Raman (2008)
Family Condyllostomatidae Kahl in Doflein & Reichenow, 1929		
<i>Condyllostoma magnum</i> Spiegel, 1926	Chilika Lake	Das and Nair (1987); Das (1995)
<i>Condyllostoma patens</i> O.F. Müller, 1786	Puri and Chilika Lake	Nagabhusanam and Chandrasekhara Rao (1969); Das and Nair (1987); Das (1995)
Family Spirostomidae Stein, 1867		
<i>Gruberia calkinsi</i> Beltrán, 1933	Chilika Lake	Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
<i>Spirostomum teres</i> Claparède & Lachmann, 1859	Chilika Lake	Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
Subphylum Intramacronucleata Lynn, 1996		
Class Spirotrichea Bütschli, 1889		
Subclass Hypotrichia Stein, 1859		
Order Euplotida Small & Lynn, 1985		
Family Euplotidae Ehrenberg, 1838		
<i>Euplotes charon</i> (Müller, 1786) Ehrenberg, 1830	Chilika Lake	Das and Nair (1987); Das (1995)
<i>Euplotes eurytomus</i> (Wrzesniowski, 1870) Kahl, 1932	Chilika Lake	Das (1995)
<i>Euplotes moebiusi</i> Kahl, 1932	Konark, Puri and Chilika Lake	Nagabhusanam and Chandrasekhara Rao (1969); Nagabhusanam (1972); Das and Nair (1987)
<i>Euplotes patella</i> Ehrenberg, 1838	Chilika Lake	Das (1995)
<i>Euplotes vannus</i> (Müller, 1786) Minkiewicz, 1901	Chilika Lake	Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
<i>Euplotes woodruffi</i> Gaw, 1939	Chilika Lake	Das and Nair (1987); Das (1995)
Family Uronychiidae Jankowski, 1975		
<i>Diophys appendiculata</i> (Ehrenberg, 1838) Schewiakoff, 1893	Konark, Puri and Chilika Lake	Nagabhusanam and Chandrasekhara Rao (1969); Nagabhusanam (1972); Das and Nair (1987); Das (1995)
Subclass Choreotrichia Small & Lynn, 1985		
Order Choreotrichida Small & Lynn, 1985		
Family Codonellidae Kent, 1881		
<i>Tintinopsis lohmanni</i> Laackmann, 1906	Chilika Lake	Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
Subclass Stichotrichia Small & Lynn, 1985		
Order Stichotrichida Fauré-Fremiet, 1961		
Family Keronidae Dujardin, 1840		
<i>Keronopsis rubra</i> (Ehrenberg, 1838)	Konark, Chilika Lake	Nagabhusanam and Chandrasekhara Rao (1969); Das and Nair (1987); Das (1995)
Order Urostylida Jankowski, 1979		
Family Epiclontidae Wicklow & Borror, 1990		
<i>Epiclontes ambiguus</i> O.F. Müller, 1786	Konark and Puri	Nagabhusanam and Chandrasekhara Rao (1969); Nagabhusanam (1972); Das and Nair (1987)
Family Urostylidae Bütschli, 1889		
<i>Holosticha manca</i> Kahl, 1932	Chilika Lake	Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
<i>Holosticha warranei</i> Song & Wilbert, 1997	Chilika Lake	Kalavati and Raman (2008)
Order Sporadotrichida Fauré-Fremiet, 1961		
Family Oxytrichidae Ehrenberg, 1830		
<i>Oxytricha chilikaensis</i> Das, 1995	Chilika Lake	Das (1995); Kalavati and Raman (2008)
<i>Oxytricha marina</i> Kahl, 1932	Chilika Lake	Kalavati and Raman (2008)
Subclass Oligotrichia Bütschli, 1887		
Order Strombidiida Petz & Foissner, 1992		
Family Strombidiidae Fauré-Fremiet, 1970		
<i>Strombidium minor</i> Kahl, 1935	Chilika Lake	Das and Nair (1987); Das (1995)
Intramacronucleata Lynn, 1996 Sedis mutabilis		
Order Armophorida Jankowski, 1964		
Family Caenomorphidae Poche, 1913		
<i>Caenomorpha capucina</i> Kahl, 1930-5	Chilika Lake	Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
<i>Caenomorpha levanderi</i> Kahl, 1927	Chilika Lake	Das (1995); Kalavati and Raman (2008)
Family Metopidae Kahl, 1927		
<i>Metopus es</i> (Claparède & Lachmann, 1858) Kahl, 1932	Chilika Lake	Das and Nair (1987); Das (1995)
<i>Metopus fuscus</i> Kahl, 1932	Chilika Lake	Das (1995)
<i>Metopus ovalis</i> Kahl, 1927	Chilika Lake	Das (1995)
<i>Metopus vestitus</i> Kahl, 1932	Chilika Lake	Kalavati and Raman (2008)

Class Litostomatea Small & Lynn, 1981		
Subclass Haptoria Corliss, 1974		
Order Haptorida Corliss, 1974		
Family Lacrymariidae de Fromentel, 1876		
<i>Lacrymaria coronata</i> Claparède & Lachmann, 1858	Chilika Lake	Das (1995); Kalavati and Raman (2008)
<i>Lacrymaria elegans</i> Engelmann, 1862	Chilika Lake	Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
<i>Lacrymaria olor</i> O.F. Müller, 1776	Konark, Puri and Chilika Lake	Nagabhushanam and Chandrasekhara Rao (1969); Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
<i>Lacrymaria salinarum</i> Kahl, 1928	Chilika Lake	Das and Nair (1987); Das (1995)
Family Spathidiidae Kahl, in Doflein & Reichenow, 1929		
<i>Spathidium fossicola</i> Kahl, 1933	Chilika Lake	Das and Nair (1987); Das (1995)
Family Trachelophyllidae Kent, 1882		
<i>Trachelophyllum clavatum</i> Stokes, 1886	Chilika Lake	Das and Nair (1987); Das (1995)
Order Pleurostomatida Schewiakoff, 1896		
Family Litonotidae Kent, 1882		
<i>Litonotus fasciola</i> (Wresniowski, 1870)	Chilika Lake	Das (1995)
<i>Loxophyllum grande</i> (Entz, 1879)	Chilika Lake	Das and Nair (1987); Das (1995)
<i>Loxophyllum meleagris</i> (Müller, 1773)	Chilika Lake	Das (1995)
Dujardin, 1841		
<i>Loxophyllum setigerum</i> Quennerstedt, 1867	Chilika Lake	Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
<i>Loxophyllum uninucleatum</i> Kahl, 1928	Chilika Lake	Das and Nair (1987); Das (1995)
Class Phyllopharyngea de Puytorac <i>et al.</i> , 1974		
Subclass Phyllopharyngia de Puytorac <i>et al.</i> , 1974		
Order Chlamydodontida Deroux, 1970		
Family Chilodonellidae Deroux, 1970		
<i>Chilodonella cucullus</i> (O.F. Müller)	Chilika Lake	Das and Nair (1987); Das (1995); Kalavati and Raman (2008)
Ehrenberg, 1833		
Family Chlamydodontidae Stein, 1859		
<i>Chlamydodon mnemosyne</i> Ehrenberg, 1835	Chilika Lake	Das and Nair (1987); Das (1995)
Order Dysteriida Deroux, 1970		
Family Dysteriidae Claparède & Lachmann, 1858		
<i>Dysteria ovalis</i> (Gourret & Roeser, 1886) Kahl, 1931	Chilika Lake	Das (1995)
Class Nassophorea Small & Lynn, 1981		
Order Nassulida Jankowski, 1967		
Family Nassulidae de Fromentel, 1874		
<i>Nassula citrea</i> Kahl, 1930	Chilika Lake	Kalavati and Raman (2008)
<i>Nassula notata</i> Müller, 1786	Chilika Lake	Das (1995)
<i>Nassula ornata</i> Ehrenberg, 1833	Chilika Lake	Das (1995)
Class Prostomatea Schewiakoff, 1896		
Order Prorodontida Corliss, 1974		
Family Colepidae Ehrenberg, 1838		
<i>Coleps tessellatus</i> Kahl, 1930	Chilika Lake	Das (1995)
Family Holophryidae Perty, 1852		
<i>Holophrya nairi</i> Das, 1995	Chilika Lake	Das (1995); Kalavati and Raman (2008)
<i>Holophrya nigricans</i> Lauterborn, 1894	Chilika Lake	Kalavati and Raman (2008)
<i>Holophrya simplex</i> Schewiakoff, 1893	Chilika Lake	Kalavati and Raman (2008)
Family Prorodontidae Kent, 1881		
<i>Prorodon discolor</i> Ehrenberg, 1831	Chilika Lake	Das (1995)
<i>Prorodon marinus</i> Claparède & Lachmann, 1958	Chilika Lake	Das and Nair (1987); Das (1995)
<i>Prorodon morgani</i> Kahl, 1930	Konark, Puri	Nagabhushanam and Chandrasekhara Rao (1969); Das and Nair (1987)
<i>Prorodon teres</i> Ehrenberg, 1833	Chilika Lake	Das (1995)
Family Urotrichidae Small & Lynn, 1985		
<i>Urotricha discolor</i> Kahl, 1930	Chilika Lake	Das (1995)
<i>Urotricha globosa</i> Schewiakoff, 1892	Chilika Lake	Das and Nair (1987); Das (1995)
Class Plagiopylea Small & Lynn, 1985		
Order Plagiopylida Jankowski, 1978		
Family Plagiopylidae Schewiakoff, 1896		
<i>Plagiopyla nasuta</i> Stein, 1860	Chilika Lake	Das and Nair (1987); Das (1995)
<i>Plagiopyla ovata</i> Kahl, 1931	Chilika Lake	Das and Nair (1987); Das (1995)
Class Oligohymenophorea de Puytorac <i>et al.</i> , 1974		
Subclass Peniculia Fauré-Fremiet in Corliss, 1956		
Order Peniculida Fauré-Fremiet in Corliss, 1956		
Family Frontoniidae Kahl, 1926		
<i>Frontonia fusca</i> (Quennerstedt, 1869)	Chilika Lake	Das (1995)
<i>Frontonia leucas</i> (Ehrenberg, 1833) Ehrenberg, 1838	Chilika Lake	Das (1995)
<i>Frontonia marina</i> Fabre-Domergue, 1891	Chilika Lake	Das and Nair (1987); Das (1995)
Family Parameciidae Dujardin, 1840		
<i>Paramecium calkinsi</i> Woodruff, 1921	Chilika Lake	Das and Nair (1987); Das (1995)
Subclass Scuticociliatia Small, 1967		
Order Philasterida Small, 1967		
Family Cohnilembidae Kahl, 1933		
<i>Cohnilembus longivelatus</i> (Kahl, 1931)	Chilika Lake	Das (1995)
<i>Cohnilembus subulatus</i> (Kent, 1882)	Chilika Lake	Das and Nair (1987); Das (1995)
<i>Cohnilembus verminus</i> (Müller, 1786) Kahl, 1933	Chilika Lake	Das and Nair (1987); Das (1995)
Family Philasteridae Kahl, 1931		
<i>Philaster digitiformis</i> Fabre-Domergue, 1885	Chilika Lake	Das (1995)
Family Uronematidae Thompson, 1964		
<i>Uronema filificum</i> Kahl, 1932	Chilika Lake	Das and Nair (1987); Das (1995)
<i>Uronema marinum</i> Dujardin, 1841	Chilika Lake	Das and Nair (1987); Das (1995)

Order Pleuronematida Fauré-Fremiet in Corliss, 1956		
Family Cyclidiidae Ehrenberg, 1838		
<i>Cyclidium citrullus</i> Cohn, 1865	Chilika Lake	Das and Nair (1987); Das (1995)
Family Pleuronematidae Kent, 1881		
<i>Pleuronema marinum</i> Dujardin, 1841	Chilika Lake	Das and Nair (1987); Das (1995)
Subclass Hymenostomatia Delage & Hérouard, 1896		
Order Tetrahymenida Fauré-Fremiet, in Corliss, 1956		
Family Tetrahymenidae Corliss, 1952		
<i>Tetrahymena pyriformis</i> (Ehrenberg, 1830)	Chilika Lake	Kalavati and Raman (2008)
Subclass Peritrichia Stein, 1859		
Order Sessilida Stein, 1933		
Family Vorticellidae Ehrenberg, 1838		
<i>Pseudovorticella marina</i> (Greeff, 1870)	Chilika Lake	Das (1995)
Class Oligotrichea Bütschli, 1887		
Subclass Halteriida Petz & Foissner, 1992		
Order Halteriida Petz & Foissner, 1992		
Family Halteriidae Claparède & Lachmann, 1858		
<i>Halteria chlorelligera</i> Kahl, 1932	Chilika Lake	Kalavati and Raman (2008)
<i>Halteria oblonga</i> Kellicott, 1885	Chilika Lake	Kalavati and Raman (2008)

Table 5. Checklist of Foraminifera recorded from the Odisha coast

Phylum Foraminifera d'Orbigny, 1826	Locality	References
Class Tubothalamea Pawlowski, Holzman & Tyszka, 2013		
Order Miliolida Delage & Hérouard, 1896		
Family Miliamminidae Saidova, 1981		
<i>Miliammina fusca</i> (Brady, 1870)	Devi Estuary and Rushikulya Estuary	Bhattacharjee et al. (2012)
Superfamily Milioloidea Ehrenberg, 1839		
Family Hauerinidae Schwager, 1876		
Subfamily Hauerininae Schwager, 1876		
<i>Quinqueloculina agglutinata</i> Cushman, 1917	Devi Estuary and Rushikulya Estuary	Bhattacharjee et al. (2012)
<i>Quinqueloculina lamarkiana</i> d'Orbigny, 1839	Gahiramatha Estuary, Devi, Chilika Lake (Rambha Bay) and Rushikulya Estuary	Rao (1987); Bhattacharjee et al. (2012)
<i>Quinqueloculina poeyana</i> d'Orbigny, 1839	Gahiramatha Estuary, Devi and Rushikulya Estuary	Bhattacharjee et al. (2012)
<i>Quinqueloculina seminula</i> (Linnaeus, 1758)	Gahiramatha Estuary, Devi and Rushikulya Estuary	Bhattacharjee et al. (2012)
Subfamily Miliolinellinae Vella, 1957		
<i>Triloculina tricarinata</i> d'Orbigny, 1826	Devi Estuary and Rushikulya Estuary	Bhattacharjee et al. (2012)
Family Spiroloculinidae Wiesner, 1920		
<i>Spiroloculina angulata</i> Cushman, 1917	Devi Estuary and Rushikulya Estuary	Bhattacharjee et al. (2012)
Class Globothalamea Pawlowski, Holzman & Tyszka, 2013		
Order Rotaliida Delage & Hérouard, 1896		
Superfamily Asterigerinoidea D'Orbigny, 1839		
Family Amphisteginidae Cushman, 1927		
<i>Amphistegina radiata</i> (Fichtel & Moll, 1798)	Devi Estuary and Rushikulya Estuary	Bhattacharjee et al. (2012)
Superfamily Buliminoidea Jones, 1875		
Family Uvigerinidae Haeckel, 1864		
Subfamily Angulogerininae Galloway, 1933		
<i>Reussella spinulosa</i> (Reuss, 1850)	Rushikulya Estuary	Bhattacharjee et al. (2012)
Superfamily Chilostomelloidea Brady, 1881		
Family Gavelinellidae Hofker, 1956		
Subfamily Gavelinellinae Hofker, 1956		
<i>Hanzawaia boueana</i> (d'Orbigny, 1846)	Gahiramatha Estuary, Devi and Rushikulya Estuary	Bhattacharjee et al. (2012)
Superfamily Discorboidea Ehrenberg, 1838		
Family Discorbidae Ehrenberg, 1838		
<i>Discorbina vesicularis</i> (Lamarck, 1804)	Konark and Puri	Nagabhusanam and Chandrasekhara Rao (1969); Nagabhusanam (1972); Das and Nair (1987)
Superfamily Nonionoidea Schultze, 1854		
Family Nonionidae Schultze, 1854		
Subfamily Nonioninae Schultze, 1854		
<i>Nonionoides turgida</i> (Williamson, 1858)	Devi Estuary	Bhattacharjee et al. (2012)
Superfamily Bolivinoidea Glaessner, 1937		
Family Bolivinidae Glaessner, 1937		
<i>Bolivina striatula</i> Cushman, 1922	Gahiramatha Estuary, Devi and Rushikulya Estuary	Bhattacharjee et al. (2012)
Superfamily Rotalioidea Ehrenberg, 1839		
Family Elphidiidae Galloway, 1933		
Subfamily Elphidiinae Galloway, 1933		
<i>Elphidium advenum</i> (Cushman, 1922)	Gahiramatha Estuary, Devi and Rushikulya Estuary	Bhattacharjee et al. (2012)
<i>Elphidium crispum</i> (Linnaeus, 1758)	Gahiramatha Estuary, Devi, Chilika Lake and Rushikulya Estuary	Bhattacharjee et al. (2012)
<i>Elphidium crispum subcrispum</i> Cushman & McCulloch, 1940	Chilika Lake (Rambha Bay)	Rao (1987)

Family Rotaliidae Ehrenberg, 1839		
Subfamily Ammoniinae Saidova, 1981		
<i>Ammonia beccarii</i> (Linnaeus, 1758)	Gahiramatha Estuary, Devi, Chilika Lake (Rambha Bay) and Rushikulya Estuary	Rao (1987); Bhattacharjee <i>et al.</i> (2012)
<i>Ammonia parkinsoniana</i> (d'Orbigny, 1839)	Rushikulya Estuary	Bhattacharjee <i>et al.</i> (2012)
<i>Ammonia tepida</i> (Cushman, 1926)	Gahiramatha Estuary, Devi and Rushikulya Estuary	Bhattacharjee <i>et al.</i> (2012)
<i>Asterotalia pulchella</i> (d'Orbigny, 1839)	Konark and Puri	Nagabhushanam and Chandrasekhara Rao (1969); Nagabhushanam (1972); Das and Nair (1987)
Subfamily Pararotaliinae Reiss, 1963		
<i>Neorotalia calcar</i> (d'Orbigny, 1839)	Chilika Lake (Rambha Bay)	Rao (1987)
Subfamily Rotaliinae Ehrenberg, 1839		
<i>Rotalia trispinosa</i> Thalmann, 1933	Devi Estuary and Rushikulya Estuary	Bhattacharjee <i>et al.</i> (2012)
Order Globigerinida Delage & Hérouard, 1896		
Superfamily Globigerinoidea Carpenter <i>et al.</i> , 1862		
Family Globigerinidae Carpenter <i>et al.</i> , 1862		
<i>Globigerina bulloides</i> d'Orbigny, 1826	Chilika Lake (Rambha Bay)	Rao (1987)
<i>Globigerinoides conglobatus</i> (Brady, 1879)	Chilika Lake (Rambha Bay)	Rao (1987)
Order Robertinida Loeblich & Tappan, 1984		
Superfamily Ceratobulminoidea Cushman, 1927		
Family Epistominidae Wedekind, 1937		
<i>Epistomina elegans</i> (d'Orbigny, 1826)	Konark and Puri	Nagabhushanam and Chandrasekhara Rao (1969); Das and Nair (1987)
Order Textulariida Delage & Hérouard, 1896		
Superfamily Textularioidea Ehrenberg, 1838		
Family Textulariidae Ehrenberg, 1838		
Subfamily Textulariinae Ehrenberg, 1838		
<i>Textularia agglutinans</i> d'Orbigny, 1839	Rushikulya Estuary	Bhattacharjee <i>et al.</i> (2012)
Order Lituolida Lankester, 1885		
Superfamily Lituoloidea De Blainville, 1827		
Family Lituolidae De Blainville, 1827		
Subfamily Ammoharginulinae Podobina, 1978		
<i>Ammohaculites agglutinans</i> (d'Orbigny, 1846)	Gahiramatha Estuary, Devi and Rushikulya Estuary	Bhattacharjee <i>et al.</i> (2012)
<i>Ammotium salsum</i> (Cushman & Brönnimann, 1948)	Rushikulya Estuary	Bhattacharjee <i>et al.</i> (2012)
Superfamily Trochamminoidea Schwager, 1877		
Family Trochamminidae Schwager, 1877		
Subfamily Jadammininae Saidova, 1981		
<i>Entzia macrescens</i> (Brady, 1870)	Gahiramatha Estuary, Devi and Rushikulya Estuary	Bhattacharjee <i>et al.</i> (2012)
Subfamily Trochammininae Schwager, 1877		
<i>Trochammina inflata</i> (Montagu, 1808)	Konark and Puri	Nagabhushanam and Chandrasekhara Rao (1969); Das and Nair (1987)
Foraminifera d'Orbigny, 1826 Insertae sedis		
Order Lagenida Delage & Hérouard, 1896		
Superfamily Nodosarioidea Ehrenberg, 1838		
Family Lagenidae Reuss, 1862		
<i>Lagena striata</i> (d'Orbigny, 1839)	Rushikulya Estuary	Bhattacharjee <i>et al.</i> (2012)

Table 6. Checklist of Porifera recorded from the Odisha coast

Phylum Porifera Grant in Todd, 1836	Locality	References
Class Demospongiae Sollas, 1885		
Subclass Homoscleromorpha Bergquist, 1978		
Order Homosclerophorida Dendy, 1905		
Family Plakinidae Schulze, 1880		
<i>Plakina monolopa</i> Schulze, 1880	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Plakinastrella minor</i> (Dendy, 1916)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Plakortis simplex</i> Schulze, 1880	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Subclass Ceractinomorpha Lévi, 1953		
Order Dendroceratida Minchin, 1900		
Family Darwinellidae Merejkowsky, 1879		
<i>Dendrilla cactus</i> (Selenka, 1867)	Off Odisha Coast	Thomas <i>et al.</i> (2002)
Family Dictyodendrillidae Bergquist, 1980		
<i>Spongiella nigra</i> Dendy, 1889	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Order Dictyoceratida Minchin, 1900		
Family Dysideidae Gray, 1867		
<i>Dysidea fragilis</i> (Montagu, 1818)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Family Spongiidae Gray, 1867		
<i>Hyattella cribriformis</i> (Hyatt, 1877)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Spongia (Spongia) officinalis</i> Linnaeus, 1759	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Family Thorectidae Bergquist, 1978		
<i>Carterospongia foliascens</i> (Pallas, 1766)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Fasciospongia cavernosa</i> (Schmidt, 1862)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Hyrtios erectus</i> (Keller, 1889)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)

Order Halichondrida Gray, 1867		
Family Axinellidae Carter, 1875		
<i>Auletta elongata</i> Dendy, 1905	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Axinella tenuidigitata</i> Dendy, 1905	Off Odisha Coast	Thomas <i>et al.</i> (2002)
<i>Drasmodon agariciforme</i> (Dendy, 1905)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Family Dictyonellidae Van Soest, Diaz & Pomponi, 1990		
<i>Acanthella cavernosa</i> Dendy, 1922	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Acanthella dendyi</i> (Bergquist, 1970)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Acanthella ramosa</i> Kumar, 1925	Ganjam Coast, Gopalpur	Bapuji <i>et al.</i> (1999); Patnayak (2009)
<i>Stylissa carteri</i> (Dendy, 1889)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Stylissa conulosa</i> (Dendy, 1922)	Off Odisha Coast	Thomas <i>et al.</i> (2002)
Family Halichondriidae Gray, 1867		
<i>Amorphinopsis foetida</i> (Dendy, 1889)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Axinyssa aphysinoides</i> (Dendy, 1922)	Off Odisha Coast	Thomas <i>et al.</i> (2002)
<i>Halichondria (Halichondria) panicea</i> (Pallas, 1766)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Spongosorites topsenti</i> Dendy, 1905	Off Gopalpur, Gopalpur Coast	Annandale (1911); Bapuji <i>et al.</i> (1999)
Family Heteroxyidae Dendy, 1905		
<i>Myrmeioderma granulatum</i> (Esper, 1794)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Order Haplosclerida Topsent, 1928		
Suborder Haplosclerina Topsent, 1928		
Family Callyspongiidae Gray, 1867		
<i>Callyspongia (Cladochalina) fibrosa</i> (Ridley & Dendy, 1886)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Family Niphataidae Van Soest, 1980		
<i>Gelliodes petrosioides</i> Dendy, 1905	Off Odisha Coast	Thomas <i>et al.</i> (2002)
Suborder Petrocina Boury-Esnault & van Beveren, 1982		
Family Petrosiidae Van Soest, 1980		
<i>Neopetrosia similis</i> (Ridley & Dendy, 1886)	Off Gopalpur	Nilsson-Cantell (1938)
<i>Xestospongia testudinaria</i> (Lamarck, 1815)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Family Phloeodictyidae Carter, 1882		
<i>Siphonodictyon diagonoxeum</i> (Thomas, 1968)	Off Odisha Coast	Thomas <i>et al.</i> (2002)
Suborder Spongillina Manconi & Pronzato, 2002		
Family Spongillidae Gray, 1867		
<i>Spongilla alba</i> Carter, 1849	Chilika Lake (Outer Channel)	Annandale (1915b)
Order Poecilosclerida Topsent, 1928		
Suborder Microcionina Hajdu, van Soest & Hooper, 1994		
Family Microcionidae Carter, 1875		
<i>Clathria (Thalysias) encrusta</i> Kumar, 1925	Odisha Coast	Patnayak (2009)
Family Raspaillidae Hentschel, 1923		
<i>Aulospongius involutus</i> (Kirkpatrick, 1903)	Off Odisha Coast	Thomas <i>et al.</i> (2002)
<i>Aulospongius tubulatus</i> (Bowerbank, 1873)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Raspailia (Clathriodendron) hispida</i> (Montagu, 1818)	Ganjam Coast	Nilsson-Cantell (1938)
<i>Raspailia (Raspailia) anastomosa</i> Kumar, 1925	Ganjam Coast, Gopalpur Coast	Bapuji <i>et al.</i> (1999); Patnayak (2009)
Suborder Mycalina Hajdu, van Soest & Hooper, 1994		
Family Desmacellidae Ridley & Dendy, 1886		
<i>Bienna fortis</i> (Topsent, 1897)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Bienna microstyla</i> Thomas, 1984	Off Odisha Coast	Thomas <i>et al.</i> (2002)
<i>Bienna tubulata</i> (Dendy, 1905)	Off Odisha Coast	Thomas <i>et al.</i> (2002)
Family Iotrochotidae Dendy, 1922		
<i>Iotrochota purpurea</i> (Bowerbank, 1875)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Order Verongida Bergquist, 1978		
Family Pseudoceratinidae Carter, 1885		
<i>Pseudoceratina purpurea</i> (Carter, 1880)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
Subclass Tetractinomorpha Lévi, 1953		
Order Astrophorida Sollas, 1887		
Family Ancorinidae Schmidt, 1870		
<i>Rhabdastrella globostellata</i> (Carter, 1883)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Rhabdastrella providentiae</i> (Dendy, 1916)	Off Odisha Coast	Thomas <i>et al.</i> (2002)
Order Hadromerida Topsent, 1898		
Family Clionaidae d'Orbigny, 1851		
<i>Pione vastifica</i> (Hancock, 1849)	Mahanadi Estuary (Hukitola), Chilika Lake (Rambha Bay), Ganjam Coast	Annandale (1915a, 1915b); Sewell and Annandale (1922); Soota (1987); Pattanayak (1995, 1998)
<i>Sphecospongia inconstans</i> (Dendy, 1887)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Sphecospongia vagabunda</i> (Ridley, 1884)	Gopalpur Coast	Bapuji <i>et al.</i> (1999)
<i>Spiroxya acustella</i> (Annandale, 1915)	Off Odisha coast, Mahanadi Estuary (Paradip), Ganjam Coast	Annandale (1915a); Pattanayak (1998); Patnayak (2009)
Family Suberitidae Schmidt, 1870		
<i>Protosuberites aquaedulcoris</i> (Annandale, 1915)	Chilika Lake (Off Barkul, Manikapatana)	Annandale (1914, 1915b); Soota (1987); Pattanayak (1995); Patnayak (2009)
<i>Protosuberites lacustris</i> (Annandale, 1915)	Chilika Lake (Rambha Bay)	Annandale (1915b); Sewell and Annandale (1922); Soota (1987); Pattanayak (1995); Patnayak (2009)
<i>Suberites sericeus</i> Thiele, 1898	Chilika Lake (Rambha Bay)	Annandale (1915b); Sewell and Annandale (1922); Soota (1987); Pattanayak (1995)

Order Lithistida Schmidt, 1870		
Family Azoricidae Sollas, 1888		
	<i>Leiodermatium pfeifferae</i> (Carter, 1876)	Gopalpur Bapuji <i>et al.</i> (1999)
Family Theonellidae Lendenfeld, 1903		
	<i>Discodermia interspersa</i> Kumar, 1925	Chilika Lake Patnayak (2009)
	<i>Racodiscula sceptraefera</i> var. <i>siliquariae</i> Annandale, 1911	Off Gopalpur Annandale (1911) and Patnayak (2009)
	<i>Racodiscula sceptraefera</i> var. <i>spirogyphi</i> Annandale, 1911	Off Gopalpur Annandale (1911); Patnayak (2009)
	<i>Theonella swinhoei</i> Gray, 1868	Off Odisha Coast Thomas <i>et al.</i> (2002)
Order Siphonophora Bergquist & Hogg, 1969		
Family Tetillidae Sollas, 1886		
	<i>Cinachyrella cavernosa</i> (sensu Tsumamal, 1969)	Off Odisha Coast Thomas <i>et al.</i> (2002)
	<i>Paratetilla bacca</i> (Selenka, 1867)	Gopalpur Coast Bapuji <i>et al.</i> (1999)
	<i>Tetilla dactyloidea</i> (Carter, 1869)	Chilika Lake (Outer Channel) Annandale (1915b); Soota (1987); Pattanayak (1995); Patnayak (2009)

Table 7. Checklist of Cnidaria recorded from the Odisha coast

Phylum Cnidaria Hatschek, 1888	Locality	References
Class Anthozoa Ehrenberg, 1835		
Subclass Hexacorallia Haeckel, 1896		
Order Actiniaria Hertwig, 1882		
Family Actiniidae Rafinesque, 1815		
	<i>Gyrostoma glaucum</i> Annandale 1915	Chilika Lake (Rambha Bay) Annandale (1915c); Sewell and Annandale (1922)
	<i>Paracondylactis sinensis</i> Carlgren, 1934	Talsari Mitra and Misra (2006)
Family Diadumenidae Stephenson, 1920		
	<i>Diadumene schilleriana</i> (Stoliczka, 1869)	Talsari, Chandipur Mitra and Misra (2006)
Family Edwardsiidae Andres, 1881		
	<i>Edwardsia jonesii</i> Seshaiya & Cuttress, 1969	Subarnarekha Estuary, Chilika lake Misra (1995)
	<i>Edwardsia tinctrix</i> Annandale, 1915	Chilika Lake (Rambha Bay) Annandale (1915c); Sewell and Annandale (1922); Parulekar (1990); Misra (1995)
Family Halcampidae Andres, 1883		
	<i>Mena chilkaea</i> (Annandale, 1915)	Chilika Lake (Rambha Bay) Annandale (1915c); Sewell and Annandale (1922); Misra (1995)
	<i>Mena limnicola</i> (Annandale, 1915)	Balarangadi, Chilika Lake (Rambha Bay) Annandale (1915c); Sewell and Annandale (1922); Parulekar (1990); Misra (1995)
Family Haliactidae Carlgren, 1949		
	<i>Pelocoetes exul</i> (Annandale, 1915)	Subarnarekha Estuary, Chilika Lake (Rambha) Annandale (1915c); Sewell and Annandale (1922); Misra (1995)
	<i>Phytocoetes gangeticus</i> Annandale, 1915	Chilika Lake Misra (1995)
Family Nevadneidae Carlgren, 1925		
	<i>Nevadne glauca</i> (Annandale, 1915)	Chilika Lake Parulekar (1990); Misra (1995)
Order Ceriantharia Perrier, 1883		
Family Arachnanthidae Mcmurich, 1910		
	<i>Anactinia pelagica</i> Annandale, 1909	Puri Annandale (1909a)
Subclass Octocorallia Haeckel, 1866		
Order Alcyonacea Lamouroux, 1812		
Family Plexauridae Gray, 1859		
	<i>Echinogorgia complexa</i> Nutting, 1910	Off Puri, Gopalpur Kramp (1958); Haldar and Choudhury (1995)
Order Pennatulacea Verrill, 1865		
Family Veretillidae Herklots, 1858		
	<i>Cavernularia elegans</i> (Herklots, 1858)	Talsari Mitra and Misra (2006)
Family Virgulariidae Verrill, 1868		
	<i>Virgularia elegans</i> Gray, 1870*	Talsari Mitra and Misra (2006)
Class CUBOZOA Werner, 1973		
Order Carybdeida Gegenbaur, 1857		
Family Tamoyidae Haeckel, 1880		
	<i>Tamoya gargantua</i> Haeckel, 1880	Puri Coast Rao (1931); Haldar and Choudhury (1995)
Class Hydrozoa Owen, 1843		
Subclass Hydroidolina Collins & Marques, 2004		
Order Anthoathecata Cornelius, 1992		
Family Bougainvilliidae Lütken, 1850		
	<i>Bimeria fluminalis</i> Annandale, 1915	Chandipur, Chilika Lake (Rambha Bay) Gravely (1919); Sewell and Annandale (1922)
	<i>Bougainvillia fulva</i> Agassiz & Mayer, 1899	Odisha Coast Kramp (1958); Haldar and Choudhury (1995)
Family Corynidae Johnston, 1836		
	<i>Dicycloecoryne filamentata</i> (Annandale, 1907)	Chilika Lake (Pigeon Island, Rambha Bay) Annandale (1915c); Sewell and Annandale (1922)
Family Hydractiniidae L. Agassiz, 1862		
	<i>Clavactinia gallensis</i> Thornely, 1904	Chandipur, Chilika Lake (Outer Channel, Satapada) Annandale (1915c); Gravely (1919)
Family Hydridae Dana, 1846		
	<i>Hydra oligactis</i> Pallas, 1766	Gopalpur Creek Satpathy (1990)
Family Porpitiidae Goldfuss, 1818		
	<i>Porpita porpita</i> (Linnaeus, 1758)	Bahuda Estuary Mishra and Panigrahy (1999)
Order Leptothecata Cornelius, 1992		
Family Campanulariidae Johnston, 1836		
	<i>Clytia serrulata</i> (Bale, 1888)	Chilika Lake Annandale (1915c)
	<i>Clytia crucifera</i> (Annandale, 1915)	Chilika Lake (Rambha Bay) Annandale (1915c); Sewell & Annaandale (1922)
	<i>Obelia bidentata</i> Clark, 1875	Talsari, Chandipur Gravely (1919); Mitra and Misra (2006)

Family Eirenidae Haeckel, 1879		
<i>Eirene menoni</i> Kramp, 1953	Odisha Coast	Kramp (1958); Haldar and Choudhury (1995)
Order Siphonophora Eschscholtz, 1829		
Family Abylidae Agassiz, 1862		
<i>Abylopsis eschscholtzi</i> Huxley, 1859	Off Odisha Coast	Daniel (1985)
<i>Abylopsis tetragona</i> (Otto, 1823)	Off Odisha Coast	Daniel (1985)
<i>Bassia bassensis</i> Quoy & Gaimard, 1827	Off Odisha Coast	Daniel (1985)
<i>Ceratocymba leuckarti</i> (Huxley, 1859)	Off Odisha Coast	Daniel (1985)
<i>Enneagonum hyalinum</i> Quoy & Gaimard, 1827	Off Odisha Coast	Daniel (1985)
Family Agalmatidae (Brandt, 1834)		
<i>Agalma elegans</i> Sars, 1846	Off Odisha Coast	Daniel (1985)
<i>Agalma okeni</i> Eschscholtz, 1825	Off Odisha Coast	Daniel (1985)
<i>Nanomia bijuga</i> (Dellechiaje, 1841)	Off Odisha Coast	Daniel (1985)
Family Diphyidae Quoy & Gaimard, 1827		
<i>Chelophyes appendiculata</i> (Eschscholtz, 1829)	Off Odisha Coast	Daniel (1985)
<i>Chelophyes contorta</i> (Lens & van Riemsdijk, 1908)	Off Odisha Coast	Daniel (1985)
<i>Diphyes bojani</i> (Eschscholtz, 1829)	Off Odisha Coast	Daniel (1985)
<i>Diphyes chamissonis</i> Huxley, 1859	Off Odisha Coast	Daniel (1985)
<i>Diphyes dispar</i> Chamisso & Eysenhardt, 1821	Off Odisha Coast, Rushikulya Estuary, Bahuda Estuary	Daniel (1985); Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Eudoxia macra</i> Totton, 1965	Off Odisha Coast	Daniel (1985)
<i>Eudoxoides mitra</i> (Huxley, 1859)	Off Odisha Coast	Daniel (1985)
<i>Lensia campanella</i> (Moser, 1925)	Off Odisha Coast	Daniel (1985)
<i>Lensia cossack</i> Totton, 1941	Off Odisha Coast	Daniel (1985)
<i>Lensia hotspur</i> Totton, 1941	Off Odisha Coast	Daniel (1985)
<i>Lensia leloupi</i> Totton, 1954	Off Odisha Coast	Daniel (1985)
<i>Lensia subtiloides</i> Lens & van Riemsdijk, 1908	Off Odisha Coast	Daniel (1985)
<i>Muggiaea delsmanni</i> Totton, 1954	Off Odisha Coast	Daniel (1985)
<i>Sulculeolaria chuni</i> (Lens & Von Riemsdijk, 1908)	Off Odisha Coast	Daniel (1985)
<i>Sulculeolaria monoica</i> (Chun, 1888)	Off Odisha Coast	Daniel (1985)
<i>Sulculeolaria quadrivalvis</i> Blainville, 1830	Off Odisha Coast	Daniel (1985)
<i>Sulculeolaria turgida</i> (Gebeaur, 1853)	Off Odisha Coast	Daniel (1985)
Family Hippopodiidae Kölliker, 1853		
<i>Hippopodius hippos</i> (Forsskål, 1776)	Off Odisha Coast	Daniel (1985)
<i>Vogtia pentacantha</i> Kölliker, 1853	Off Odisha Coast	Daniel (1985)
Family Prayidae Kölliker, 1853		
<i>Rosacea cymbiformis</i> (delle Chiaje, 1830)	Off Odisha Coast	Daniel (1985)
Family Sphaeronectidae Huxley, 1859		
<i>Sphaeronectes gracilis</i> (Claus, 1873)	Off Odisha Coast	Daniel (1985)
Subclass Trachylina Haeckel, 1879		
Order Actinulida Swedmark & Teissier, 1959		
Family Halammohydridae Remane, 1927		
<i>Halammohydra octopodides</i> Remane, 1927	Konark, Puri	Nagabhushanam (1972); Chandrasekhara Rao (1989)
Order Narcomedusae Haeckel, 1879		
Family Aeginidae Gegenbaur, 1857		
<i>Solmundella bitentaculata</i> (Quoy & Gaimard, 1833)	Chilika Lake	Annandale (1915c)
Order Trachymedusae Haeckel, 1866		
Family Geryoniidae Eschscholtz, 1829		
<i>Liriope tetrphylla</i> (Chamisso & Eysenhardt, 1821)	Off Puri	Kramp (1958); Haldar and Choudhury (1995)
Class Scyphozoa Gotte, 1887		
Subclass Discomedusae Haeckel, 1880		
Order Rshizostomeae Cuvier, 1799		
Family Catostylidae Gegenbaur, 1857		
<i>Acromitus flagellatus</i> (Maas, 1903)	Puri Coast	Rao (1931); Haldar and Choudhury (1995)
<i>Acromitus rabanchatu</i> Annandale, 1915	Chilika Lake (Rambha Bay)	Annandale (1915c); Sewell and Annandale (1922)
Order Semaecostomeae Agassiz, 1862		
Family Ulmaridae Haeckel, 1879		
<i>Aurelia aurita</i> (Linnaeus, 1758)	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)

**Virgularia elegans* Gray reported from Talsari by Mitra and Misra (2006) was not found in WoRMS.

Table 8. Checklist of Ctenophora recorded from the Odisha coast

Phylum Ctenophora Eschscholtz, 1829	Locality	References
Class Tentaculata Eschscholtz, 1825		
Subclass Typhlocoela Osipov, 1985		
Order Cydippida Gegenbaur, 1856		
Family Pleurobrachidae Chun, 1880		
<i>Pleurobrachia globosa</i> Moser, 1903	Chilika Lake (Rambha), Rushikulya Estuary	Sewell and Annandale (1922); Gouda and Panigrahy (1995); Sahu <i>et al.</i> (2010)
<i>Pleurobrachia globosa</i> var. <i>bengalensis</i> Annandale & Kemp, 1915	Chilika Lake	Annandale and Kemp (1915a)

Table 9. Checklist of Entoprocta recorded from the Odisha coast

Phylum Entoprocta Nitsche, 1869	Locality	References
Order Coloniales Emschermann, 1972		
Family Pedicellinidae Johnston, 1847 sensu Emscherman, 1972		
<i>Loxosomatoides laevis</i> Annandale, 1915	Chilika Lake (Barakuda, Manikapatna)	Annandale (1915d)
<i>Pedicellina cernua</i> (Pallas, 1774)	Puri Beach	Robertson (1921)

Table 10. Checklist of Platyhelminthes recorded from the Odisha coast

Phylum Platyhelminthes Gegenbaur, 1859	Locality	References
Class Rhabditophora Ehlers, 1985		
Order Macrostomida Karling, 1940		
Family Dolichomacrostomidae Rieger, 1971		
Subfamily Karlingiinae Rieger, 1971		
<i>Acanthomacrostomum gerlachi</i> Ax, 1971	Konark, Gopalpur	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Order Rhabdocoela Meixner, 1925		
Suborder Kalyptorhynchia Graff, 1905		
Family Karkiorhynchidae Meixner, 1928		
Subfamily Cheliplaninae Schilke, 1970		
<i>Baltoplana magna</i> Karling 1949	Konark, Puri	Nagabhushanam (1972)
Family Polycystididae Graff, 1905		
Subfamily Gryraticinae Graff, 1905		
<i>Gyratrix hermaphroditus</i> Ehrenberg, 1831	Bahuda Estuary	Chandrasekhara Rao (1989)
Order Seriata Bresslau, 1928-33		
Suborder Proceriata Meixner, 1938		
Family Monocelididae Hofsten, 1907		
Subfamily Monocelidinae Midelburg, 1908		
<i>Monocelis lineata</i> (Müller, 1774) Ehrenberg, 1831	Bhadrak Coast, Puri, Gopalpur	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Family Otoplanidae Hallez, 1892		
Subfamily Parotoplaninae Ax, 1956		
<i>Pseudosyrtsis subterranea</i> (Ax, 1951)	Puri, Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Class Trematoda Rudolphi, 1808		
Subclass Digenea Carus, 1863		
Order Plagiorchiida La Rue, 1957		
Suborder Hemiurata Skrjabin & Guschanskaja, 1954		
Superfamily Hemiuroidea Looss, 1899		
Family Derogenidae Nicoll, 1910		
Subfamily Gonocercinae Skrjabin & Guschanskaja, 1955		
<i>Hemipera ovocaudata</i> Nicoll, 1913	Chilika Lake	Dutta (1995)
Family Hemiuridae Looss, 1899		
Subfamily Aphanurinae Skrjabin & Guschanskaja, 1954		
<i>Aphanurus microrchis</i> Chauhan, 1945	Chilika Lake (Barkul)	Dutta (1995)
<i>Aphanurus stossichi</i> (Monticelli, 1891)	Puri Coast	Srivastava (1941b); Madhavi (2011)
Subfamily Dinurinae Looss, 1907		
<i>Allostomachicola rauschi</i> (Gupta & Ahmad, 1978)	Puri Coast	Gupta and Ahmad (1978b); Gupta and Singh (1981); Madhavi (2011)
Gupta & Singh, 1981		
<i>Erilepturus bengalensis</i> (Ahmad, 1980)	Puri Coast	Ahmad (1980a); Madhavi (2011)
Madhavi, 2011		
<i>Erilepturus gazzi</i> (Ahmad, 1980)	Puri Coast	Ahmad (1980a); Madhavi (2011)
Madhavi, 2011		
<i>Erilepturus guptajaini</i> Madhavi, 2011	Puri Coast	Gupta and Jain (1991a); Madhavi (2011)
<i>Erilepturus hamati</i> (Yamaguti, 1934)	Puri Coast, Chilika Lake	Ahmad (1980a); Gupta and Gupta (1986b); Gupta and Jain (1991a); Dutta (1995); Madhavi (2011)
Manter, 1947	(Balugaon)	
<i>Erilepturus neoorientalis</i> Madhavi, 2011	Puri Coast	Ahmad (1980a); Madhavi (2011)
<i>Erilepturus puriensis</i> (Gupta & Jain, 1991)	Puri Coast	Gupta and Jain (1991a); Madhavi (2011)
Madhavi, 2011		
<i>Erilepturus sarbai</i> (Gupta & Jain, 1992)	Puri Coast	Gupta and Jain (1992b); Madhavi (2011)
Gibson, 2002		

	<i>Quadriana zakiae</i> (Hafeezullah, 1975)	Gopalpur	Hafeezullah (1975a); Madhavi (2011)
	Gibson, 2002		
	<i>Stomachicola guptai</i> Gupta & Gupta, 1991	Puri Coast	Gupta and Singh (1981); Madhavi (2011)
	<i>Stomachicola muraenesocis</i> Yamaguti, 1934	Puri Coast	Gupta and Ahmad (1978b); Madhavi (2011)
Subfamily	Elytrophallinae Skrjabin & Guschanskaja, 1954		
	<i>Elytrophalloides parukhini</i> Gupta & Gupta, 1997	Puri Coast	Gupta and Gupta (1997); Madhavi (2011)
	<i>Elytrophallus skrjabini</i> (Dutta, 1995)	Chilika Lake	Dutta (1995)
	<i>Lecithocladium angustiovum</i> Yamaguti, 1953	Puri Coast, Off Puri Coast	Gupta and Govind (1981); Gupta and Puri (1981); Gupta and Gupta (1983); Gupta and Jain (1991b); Madhavi (2011)
	<i>Lecithocladium bengalense</i> Saxena & Prakash, 2006	Puri Coast	Ahmad (1981a); Saxena and Prakash (2006); Madhavi (2011)
	<i>Lecithocladium caranxi</i> Gupta & Govind, 1981	Puri Coast	Gupta and Govind (1981); Madhavi (2011)
	<i>Lecithocladium glandulum</i> Chauhan, 1945	Puri Coast	Gupta and Gupta (1978); Gupta and Puri (1981); Madhavi (2011)
	<i>Lecithocladium guptai</i> Gupta & Govind, 1981	Puri Coast	Gupta and Govind (1981); Madhavi (2011)
	<i>Lecithocladium harpodontis</i> Srivastava, 1942	Konark	Hafeezullah (1975a); Madhavi (2011)
	<i>Lecithocladium jagannathi</i> Ahmad, 1981	Puri Coast	Ahmad (1981a); Madhavi (2011)
	<i>Lecithocladium megalaspis</i> Yamaguti, 1953	Puri Coast	Gupta and Ahmad (1977b); Gupta and Gupta (1978); Gupta and Singh (1982); Gupta and Jain (1991b); Madhavi (2011)
	<i>Lecithocladium parviovum</i> Yamaguti, 1953	Puri Coast	Gupta and Puri (1981); Gupta and Singh (1982); Gupta and Jain (1991b); Madhavi (2011)
	<i>Lecithocladium puriense</i> Ahmad, 1981	Puri Coast	Ahmad (1981a); Madhavi (2011)
	<i>Lecithocladium saurida</i> Gupta & Govind, 1981	Puri Coast	Gupta and Govind (1981); Madhavi (2011)
	<i>Lecithocladium seriolellae</i> Manter, 1954	Off Puri Coast	Gupta and Gupta (1983); Madhavi (2011)
	<i>Lecithocladium sulphuriosi</i> Gupta & Govind, 1981	Puri Coast	Gupta and Govind (1981); Madhavi (2011)
Subfamily	Hemiurinae Looss, 1899		
	<i>Parahemiurus engraulisi</i> Gupta & Jahan, 1977	Puri Coast	Gupta and Ahmad (1977a, 1979a); Ahmad (1981a);
	Gupta and Puri (1982a); Madhavi (2011)		
	<i>Parahemiurus hamiltoni</i> (Gupta & Jahan, 1977)	Puri Coast	Gupta and Jain (1992b); Madhavi (2011)
	Madhavi, 2011		
	<i>Parahemiurus madrasensis</i> (Sahai & Srivastava, 1977)	Puri Coast	Ahmad (1981a); Madhavi (2011)
	Bray, 1990		
	<i>Parahemiurus manteri</i> (Dutta, 1995)	Chilika Lake	Dutta (1995)
Subfamily	Lecithochiriinae Lütke, 1901		
	<i>Lecithochirium cynoglossusi</i> Gupta & Jain, 1991	Puri Coast	Gupta and Jain (1991c); Madhavi (2011)
	<i>Lecithochirium durdanae</i> (Gupta & Gupta, 1986)	Off Puri Coast	Gupta and Gupta (1986a); Madhavi (2011)
	Bray, 1991		
	<i>Lecithochirium furcolabiatum</i> (Jones, 1933)	Chilika Lake	Dutta (1995)
	Dawes, 1947		
	<i>Lecithochirium indicum</i> (Gupta & Govind, 1984)	Puri Coast	Gupta and Govind (1984a); Madhavi (2011)
	Madhavi, 2011		
	<i>Lecithochirium jairajpurii</i> (Gupta & Govind, 1984)	Puri Coast	Gupta and Govind (1984a); Madhavi (2011)
	Madhavi, 2011		
	<i>Lecithochirium leiperi</i> Gupta & Singh, 1981	Puri Coast	Gupta and Singh (1981); Madhavi (2011)
	<i>Lecithochirium mugili</i> Gupta & Jain, 1991	Puri Coast	Gupta and Jain (1991c); Madhavi (2011)
	<i>Lecithochirium priacanthi</i> Yamaguti, 1953	Puri Coast	Singh and Gupta (1984); Madhavi (2011)
	<i>Lecithochirium pristipomai</i> Gupta & Jain, 1991	Puri Coast	Gupta and Jain (1991c); Madhavi (2011)
	<i>Lecithochirium tantimae</i> Gupta & Jain, 1991	Puri Coast	Gupta and Jain (1991c); Madhavi (2011)
	<i>Lecithochirium tetradoni</i> Gupta & Jain, 1991	Puri Coast	Gupta and Jain (1991c); Madhavi (2011)
	<i>Neohysteroleicitha indica</i> Ahmad, 1977	Puri Coast	Ahmad (1976); Madhavi (2011)
Family	Didymozoidae Monticelli, 1888		
Subfamily	Nematobothriinae Ishii, 1935		
	<i>Skrjabinozoum yamagutii</i> Gupta & Gupta, 1986	Off Puri Coast	Gupta and Gupta (1986a); Madhavi (2011)
Family	Sclerodistomidae Odhner, 1927		
Subfamily	Sclerodistominae Odhner, 1927		
	<i>Sclerodistomum chirocentrusi</i> Gupta & Jain, 1991	Puri Coast	Gupta and Jain (1991b); Madhavi (2011)
Family	Isoparorchidae Travassos, 1922		
	<i>Isoparorchis hypselobagri</i> (Billet, 1898)	Chilika Lake (Barkul)	Dutta (1995)
Family	Lecithasteridae Odhner, 1905		
Subfamily	Lecithasterinae Odhner, 1905		
	<i>Aponurus bengalensis</i> Srivastava, 1939	Puri Coast	Srivastava (1939a); Madhavi (2011)
	<i>Aponurus breviformis</i> Srivastava, 1939	Puri Coast	Srivastava (1939a); Madhavi (2011)
	<i>Aponurus orientalis</i> Ahmad, 1981	Puri Coast	Ahmad (1981a); Madhavi (2011)
	<i>Aponurus theraponi</i> (Gupta & Jain, 1991)	Puri Coast	Gupta and Jain (1991b); Madhavi (2011)
	Madhavi, 2011		
	<i>Lecithaster binoyi</i> (Dutta, 1995)*	Chilika Lake	Dutta (1995)
	<i>Lecithaster chrysophrysi</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976b); Madhavi (2011)
	<i>Lecithaster indicus</i> Srivastava, 1935	Chilika Lake (Satapada)	Dutta (1995)
Subfamily	Trifoliovariinae Yamaguti, 1958		
	<i>Trifoliovarium triacanthi</i> (Parukhin, 1964)	Puri Coast	Gupta and Ahmad (1974a); Madhavi (2011)
	Bilqees, 1973		
Suborder	Bucephalata La Rue, 1926		
Superfamily	Bucephaloidea Poche, 1907		
Family	Bucephalidae Poche, 1907		
Subfamily	Bucephalinae Poche, 1907		
	<i>Alcicornis hemiramphi</i> Gupta & Tandon, 1983	Puri Coast	Gupta and Tandon (1983); Madhavi (2011)
	<i>Alcicornis jairajpurii</i> Gupta & Gupta, 1989	Off Puri Coast	Gupta and Gupta (1989); Madhavi (2011)
	<i>Alcicornis scomberi</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976a); Madhavi (2011)
	<i>Bucephalus indicus</i> Srivastava, 1938	Chilika Lake (Satapada)	Dutta (1995)
	<i>Bucephalus jagannathai</i> Verma, 1936	Puri Coast	Verma (1936); Madhavi (2011)

	<i>Bucephalus tridentacularia</i> Verma, 1936	Chilika Lake	Dutta (1995)
	<i>Bucephalus yamaguti</i> Gupta & Singh, 1985	Puri Coast	Gupta and Singh (1985a); Madhavi (2011)
	<i>Prosorhynchoides chorinemi</i> (Gupta & Ahmad, 1976) Madhavi, 2011	Puri Coast	Gupta and Ahmad (1976a); Madhavi (2011)
	<i>Prosorhynchoides karvei</i> (Bhalerao, 1937)	Chilika Lake (Satapada)	Dutta (1995)
	<i>Prosorhynchoides pritchardae</i> (Govind, 1985) Madhavi, 2011	Puri Coast	Govind (1985); Madhavi (2011)
	<i>Prosorhynchoides thapari</i> (Gupta & Singh, 1985)**	Puri Coast	Gupta and Singh (1985a); Madhavi (2011)
	<i>Rhipidocotyle indica</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976a); Madhavi (2011)
	<i>Rhipidocotyle thapari</i> Gupta & Tandon, 1983	Puri Coast	Gupta and Tandon (1983); Madhavi (2011)
Subfamily	Prosorhynchinae Nicoll, 1914		
	<i>Neoprosorhynchus purius</i> Dayal, 1948	Puri Coast	Dayal (1948); Madhavi (2011)
	<i>Prosorhynchus bengalensis</i> Gupta & Gupta, 1987	Puri Coast	Gupta and Gupta (1987a); Madhavi (2011)
	<i>Prosorhynchus caballeroi</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976a); Madhavi (2011)
	<i>Prosorhynchus madhaviae</i> Gupta & Gupta, 1990	Puri Coast	Gupta and Gupta (1990); Madhavi (2011)
	<i>Prosorhynchus manteri</i> Srivastava, 1938	Puri Coast	Srivastava (1938); Gupta and Ahmad (1976a); Madhavi (2011)
	<i>Prosorhynchus orientalis</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976a); Madhavi (2011)
	<i>Prosorhynchus truncatus</i> Verma, 1936	Puri Coast	Verma (1936); Madhavi (2011)
	<i>Prosorhynchus vinodae</i> Gupta & Gupta, 1987	Puri Coast	Gupta and Gupta (1987a); Madhavi (2011)
Superfamily	Gymnophalloidea Odhner, 1905		
Family	Fellodistomidae Nicoll, 1909		
	<i>Lintonium puriense</i> Gupta & Ahmad, 1977	Puri Coast	Gupta and Ahmad (1977c); Madhavi (2011)
	<i>Monascus filiformis</i> (Rudolphi, 1819)	Puri Coast	Srivastava (1941a); Kumari (1975); Madhavi (2011)
	<i>Steringotrema chauhani</i> Dutta, 1995	Chilika Lake	Dutta (1995)
	<i>Tergestia bengalensis</i> Gupta & Singh, 1985	Puri Coast	Gupta and Singh (1985a); Madhavi (2011)
Subfamily	Fellodistominae Nicoll, 1909		
	<i>Elopsium indicum</i> Ahmad, 1982	Puri Coast	Ahmad (1982); Madhavi (2011)
	<i>Elopsium manteri</i> Ahmad, 1982	Puri Coast	Ahmad (1982); Madhavi (2011)
	<i>Elopsium secundum</i> Ahmad, 1982	Puri Coast	Ahmad (1982); Madhavi (2011)
Family	Tandanicolidae Johnston, 1927		
	<i>Monodharmis chilikai</i> Gupta & Singh, 1999	Chilika Lake	Gupta and Singh (1999); Madhavi (2011)
	<i>Monodharmis militaris</i> (Dutta, 1995)	Chilika Lake	Dutta (1995)
	<i>Monodharmis orissai</i> (Gupta & Jain, 1991) Madhavi, 2011	Puri Coast	Gupta and Jain (1991b); Madhavi (2011)
	<i>Monodharmis thapari</i> (Ahmad, 1981) Madhavi, 2011	Puri Coast	Ahmad (1981a); Madhavi (2011)
	<i>Monodharmis torpedini</i> Dollfus, 1937	Chilika Lake (Barkul)	Dutta (1995)
Suborder	Pronocephalata Olson, Cribb, Tkach, Bray & Littlewood, 2003		
Superfamily	Paramphistomoidea Fischeoeder, 1901		
Family	Cladorchiidae Fischeoeder, 1901		
	<i>Helostomatis muelleri</i> Gupta & Ahmad, 1979	Puri Coast	Gupta and Ahmad (1979a); Madhavi (2011)
	<i>Helostomatis simahi</i> Gupta & Puri, 1985	Puri Coast	Gupta and Puri (1985a); Madhavi (2011)
Family	Microscaphidiidae Looss, 1900		
	<i>Hexangium sigani</i> Goto & Ozaki, 1929	Puri Coast	Gupta and Tandon (1983); Madhavi (2011)
Suborder	Haplospilchnata Olson, Cribb, Tkach, Bray & Littlewood, 2003		
Superfamily	Haplospilchnoidea Poche, 1925		
Family	Haplospilchnidae Poche, 1926		
	<i>Haplospilchnus bengalensis</i> Gupta & Puri, 1985	Puri Coast	Gupta and Puri (1985a); Madhavi (2011)
	<i>Haplospilchnus caudatus</i> (Srivastava, 1937) Skrzabin & Guschanskaja, 1954	Puri Coast	Srivastava (1939b); Gupta and Ahmad (1979b); Madhavi (2011)
	<i>Haplospilchnus pachysomus</i> (Eysenhardt, 1829) Looss, 1902	Puri Coast	Gupta and Ahmad (1979b); Madhavi (2011)
	<i>Haplospilchnus purii</i> Srivastava, 1939	Puri Coast	Srivastava (1939b); Gupta and Ahmad (1979b); Madhavi (2011)
Suborder	Opisthorchiata La Rue, 1957		
Superfamily	Opisthorchioidea Braun, 1901		
Family	Heterophyidae Leiper, 1909		
	<i>Haplorchioides kherai</i> Gupta & Govind, 1985	Chilika Lake (Barkul)	Dutta (1995)
Family	Opisthorchiidae Looss, 1899		
	<i>Gomtia caranxi</i> (Gupta & Jain, 1991) Scholz, 2008	Puri Coast	Gupta and Jain (1991b); Madhavi (2011)
Family	Cryptogonimidae Ward, 1917		
	<i>Antisocoelium dorabi</i> Gupta & Tandon, 1984	Puri Coast	Gupta and Tandon (1984); Madhavi (2011)
	<i>Polyorchitrema orissai</i> Gupta & Puri, 1985	Puri Coast	Gupta and Puri (1985a); Madhavi (2011)
	<i>Pseudallacanthochasmus grandispinis</i> Velasquez, 1961	Chilika Lake (Satapada)	Dutta (1995)
	<i>Siphoderina sootai</i> (Hafeezullah, 1975) Miller & Cribb, 2008	Gopalpur Coast	Hafeezullah (1975b); Madhavi (2011)
Suborder	Apocreadiata Olson, Cribb, Tkach, Bray & Littlewood, 2003		
Superfamily	Apocreadiioidea Skrzabin, 1942		
Family	Apocreadiidae Skrzabin, 1942		
	<i>Schistorchis manteri</i> Gupta & Tandon, 1984	Puri Coast	Gupta and Tandon (1984); Madhavi (2011)
Suborder	Lepocreadiata Olson, Cribb, Tkach, Bray & Littlewood, 2003		
Superfamily	Lepocreadiioidea Odhner, 1905		
Family	Lepocreadiidae Odhner, 1905		
	<i>Bianium indicum</i> (Gupta, 1967) Bray, Cribb & Barker, 1996	Puri Coast	Gupta (1967); Madhavi (2011)
	<i>Bianium purii</i> Gupta, 1968	Puri Coast	Gupta (1968b); Madhavi (2011)
	<i>Lepidapedoides nelsoni</i> (Gupta & Mehrotra, 1969) Bray, 1985	Puri Coast, Off Puri Coast	Gupta and Ahmad (1977b); Madhavi (2011)

	<i>Lepocreadioides orientalis</i> Park, 1939	Off Puri Coast	Gupta and Govind (1983); Madhavi (2011)
	<i>Lobatocreadium indicum</i> Ahmad, 1983	Puri Coast	Ahmad (1983a); Madhavi (2011)
	<i>Opechona bacillaris</i> (Molin, 1859) Dollfus, 1927	Off Puri Coast	Gupta and Gupta (1987b); Madhavi (2011)
	<i>Prodistomum orientale</i> (Layman, 1930) Bray & Gibson, 1990	Off Puri Coast	Gupta and Gupta (1987b); Madhavi (2011)
	<i>Pseudolepocreadioides secundus</i> Ahmad, 1979	Puri Coast	Ahmad (1979); Madhavi (2011)
	<i>Transversocreadium secundum</i> Ahmad, 1983	Puri Coast	Ahmad (1983a); Madhavi (2011)
Family	Enenteridae Yamaguti, 1958		
	<i>Karyakarita pambanense</i> (Karyakarte, 1968)	Chilika Lake	Dutta (1995)
Family	Gyliauchenidae Fukui, 1929		
	Subfamily Gyliaucheninae Fukui, 1929		
	<i>Gyliauchen indicus</i> Gupta & Tandon, 1983	Puri Coast	Gupta and Tandon (1983); Madhavi (2011)
Family	Aephndiogenidae Yamaguti, 1934		
	<i>Aephndiogenes indicus</i> Ahmad, 1978***	Puri Coast	Gupta and Singh (1985b); Madhavi (2011)
Suborder	Monorchhiata Olson, Cribb, Tkach, Bray & Littlewood, 2003		
Superfamily	Monorchioidea Odhner, 1911		
	Family Monorchhiidae Odhner, 1911		
	<i>Asymphyllodora kedarai</i> Srivastava, 1951	Chilika Lake (Barkul)	Dutta (1995)
	<i>Lasiotocus bengalensis</i> Ahmad & Gupta, 1985	Off Puri Coast	Ahmad and Gupta (1985); Madhavi (2011)
	<i>Lasiotocus engraulisi</i> Gupta & Gupta, 1978	Off Puri Coast	Gupta and Gupta (1976); Madhavi (2011)
	<i>Lasiotocus guptai</i> (Ahmad & Dhar, 1987) Dove & Cribb, 1998	Off Puri Coast	Ahmad and Dhar (1987a); Madhavi (2011)
	<i>Lasiotocus hastai</i> Madhavi, 1974	Puri Coast	Gupta and Jain (1992a); Madhavi (2011)
	<i>Lasiotocus jagannathi</i> Ahmad & Gupta, 1985	Off Puri Coast	Ahmad and Gupta (1985); Madhavi (2011)
	<i>Lasiotocus maculatus</i> Madhavi, 1974	Puri Coast	Gupta and Jain (1992b); Madhavi (2011)
	<i>Lasiotocus puriensis</i> Ahmad & Gupta, 1985	Off Puri Coast	Ahmad and Gupta (1985); Madhavi (2011)
	<i>Lasiotocus rainai</i> Gupta & Jain, 1992	Puri Coast	Gupta and Jain (1992a); Madhavi (2011)
	<i>Monorchis minutus</i> Madhavi, 1977	Chilika Lake (Rambha)	Dutta (1995)
	<i>Proctotrematoides indicum</i> Ahmad & Gupta, 1985	Off Puri Coast	Ahmad and Gupta (1985); Madhavi (2011)
	<i>Proctotrematoides yamagutii</i> Dutta & Manna, 1998	Chilika Lake	Dutta and Manna (1998); Madhavi (2011)
Subfamily	Hurleytrematinae Yamaguti, 1958		
	<i>Helicometroides leiperi</i> (Ahmad, 1981) Madhavi, 2011	Puri Coast	Ahmad (1981b); Madhavi (2011)
Subfamily	Monorchhiinae Odhner, 1911		
	<i>Leiomonorchis secundus</i> (Ahmad, 1981)	Puri Coast	Ahmad (1981b); Madhavi (2011)
	<i>Pseudametrodaptis fischthali</i> (Ahmad & Dhar, 1987) Triveni Lakshmi & Madhavi, 2008	Puri Coast	Ahmad and Dhar (1987b); Madhavi (2011)
Subfamily	Opisthomonorchhiinae Yamaguti, 1952		
	<i>Opisthomonorchis carangis</i> Yamaguti 1952	Chilika Lake (Barkul)	Dutta (1995)
	<i>Psudopisthomonorchis hanumanthai</i> Gupta & Singh, 1981	Puri Coast	Gupta and Singh (1981); Madhavi (2011)
Subfamily	Opisthomotiorcheidinae Yamaguti, 1971		
	<i>Opisthodiplomonorchis elongatus</i> Madhavi, 1974	Chilika Lake	Gupta and Ahmad (1974b); Hafeezullah (1984); Madhavi (2011)
	<i>Opisthomonorchides engraulisi</i> Gupta & Singh, 1989	Puri Coast	Gupta and Singh (1989); Madhavi (2011)
	<i>Opisthomonorchides karwarensis</i> Karyakarte & Yadav, 1976	Puri Coast, Gopalpur	Ahmad (1976); Hafeezullah (1984); Madhavi (2011)
	<i>Opisthomonorchides overstreeti</i> (Ahmad, 1984) Madhavi, 2011	Puri Coast	Ahmad (1984); Madhavi (2011)
	<i>Opisthomonorchides pellowai</i> Gupta & Puri, 1984	Puri Coast	Gupta and Puri (1984); Madhavi (2011)
	<i>Opisthomonorchides shindei</i> Gupta & Puri, 1984	Puri Coast	Gupta and Puri (1984); Madhavi (2011)
	<i>Opisthomonorchides simhai</i> Gupta & Puri, 1984	Puri Coast	Gupta and Puri (1984); Madhavi (2011)
	<i>Opisthomonorchides stromatensis</i> Ahmad & Gupta, 1985	Off Puri Coast	Ahmad and Gupta (1985); Madhavi (2011)
Suborder	Xiphidiata Olson, Cribb, Tkach, Bray & Littlewood, 2003		
Superfamily	Gorgoderoidea Looss, 1901		
	Family Gorgoderidae Looss, 1899		
	<i>Anaporrhutum largum</i> Lühe, 1906	Chilika Lake	Southwell (1915); Chaudhuri (1916a); Madhavi (2011)
	<i>Xystretum triacanthi</i> Ahmad & Gupta, 1985	Off Puri Coast	Ahmad and Gupta (1985); Madhavi (2011)
Superfamily	Allocreadioidea Looss, 1902		
	Family Opecoelidae Ozaki, 1925		
	<i>Allopodocotyle lutianusi</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976c); Madhavi (2011)
	<i>Allopodocotyle upeneusi</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976c); Madhavi (2011)
	<i>Allopodocotyle yamagutii</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976c); Madhavi (2011)
	<i>Coitocaecum indicum</i> Ahmad, 1980	Puri Coast	Ahmad (1983c); Madhavi (2011)
	<i>Coitocaecum manteri</i> Ahmad, 1980	Puri Coast	Ahmad (1980b); Madhavi (2011)
	<i>Coitocaecum scombrum</i> Ahmad, 1980	Puri Coast	Ahmad (1980b); Madhavi (2011)
	<i>Coitocaecum thapari</i> Ahmad, 1980	Puri Coast	Ahmad (1980b); Madhavi (2011)
	<i>Coitocaecum thrissolesis</i> (Bilques, 1972) Bray, 1987	Puri Coast	Gupta and Ahmad (1978c); Madhavi (2011)
	<i>Decemtestis dollfusi</i> Ahmad, 1983	Puri Coast	Ahmad (1983b); Madhavi (2011)
	<i>Decemtestis drepani</i> Gupta & Puri, 1982	Puri Coast	Gupta and Puri (1982b); Madhavi (2011)
	<i>Decemtestis mehrai</i> Srivastava, 1936	Puri Coast	Gupta and Jahan (1975); Madhavi (2011)
	<i>Decemtestis odeningi</i> (Ahmad, 1988) Cribb, 2005	Puri Coast	Ahmad (1988); Madhavi (2011)
	<i>Decemtestis singhi</i> Ahmad, 1983	Puri Coast	Ahmad (1983b); Madhavi (2011)
	<i>Decemtestis skrjabini</i> (Ahmad, 1988) Cribb, 2005	Puri Coast	Ahmad (1988); Madhavi (2011)
	<i>Decemtestis srivastavai</i> Gupta & Jahan, 1975	Puri Coast	Gupta and Jahan (1975); Madhavi (2011)
	<i>Decemtestis varmai</i> Gupta & Gupta 1988	Puri Coast	Gupta and Gupta (1988); Madhavi (2011)
	<i>Helicometrina nimia</i> Linton, 1910	Puri Coast	Srivastava (1936); Gupta and Gupta (1988); Madhavi (2011)

<i>Helicometrina scomberi</i> Gupta & Jahan, 1975	Puri Coast	Gupta and Jahan (1975); Madhavi (2011)
<i>Helicometrina unica</i> Gupta & Puri, 1985	Puri Coast	Gupta and Puri (1985a); Madhavi (2011)
<i>Macvicaria chilikai</i> (Gupta & Govind, 1984) Bray & Justine, 2009	Puri Coast	Gupta and Govind (1984b); Madhavi (2011)
<i>Macvicaria filamentusi</i> (Gupta & Govind, 1984)	Puri Coast	Gupta and Govind (1984a); Madhavi (2011)
<i>Macvicaria jagannathi</i> (Gupta & Singh, 1985) Bijukumar, 1997	Off Puri Coast	Gupta and Singh (1985a); Madhavi (2011)
<i>Macvicaria puriensis</i> (Gupta & Govind, 1984) Bray & Justine, 2009	Puri Coast	Gupta and Govind (1984b); Madhavi (2011)
<i>Neonotoporus overstreeti</i> Ahmad & Dhar, 1987	Puri Coast	Ahmad and Dhar (1987b); Madhavi (2011)
<i>Neonotoporus skrjabini</i> Ahmad, 1987	Puri Coast	Ahmad (1987); Madhavi (2011)
<i>Neonotoporus srivastavai</i> Ahmad & Dhar, 1987	Puri Coast	Ahmad and Dhar (1987b); Madhavi (2011)
<i>Notoporus fotedari</i> (Ahmad & Dhar, 1988) Ahmad, 1990	Off Puri Coast	Ahmad and Dhar (1988); Madhavi (2011)
<i>Opegaster anguilli</i> Harshey, 1933	Chilika Lake	Rukmini and Madhavi (1987); Madhavi (2011)
<i>Opegaster minima</i> (Tubangui, 1928)	Chilika Lake (Rambha, Satapada)	Dutta (1995)
<i>Paropecoelus bhabhai</i> Gupta & Puri, 1985	Puri Coast	Gupta and Puri (1985a); Madhavi (2011)
<i>Paropecoelus dollfusi</i> Ahmad, 1983	Puri Coast	Ahmad (1983b); Madhavi (2011)
<i>Paropecoelus filiformis</i> Ahmad, 1978	Puri Coast	Ahmad (1978); Madhavi (2011)
<i>Paropecoelus indicus</i> Madhavi, 1975	Puri Coast	Madhavi (2011)
<i>Paropecoelus manteri</i> Ahmad, 1978	Puri Coast	Ahmad (1978); Madhavi (2011)
<i>Paropecoelus pritchardae</i> Ahmad, 1983	Puri Coast	Ahmad (1983b); Madhavi (2011)
<i>Paropecoelus theraponi</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976b); Madhavi (2011)
<i>Podocoryle indica</i> Pandey & Tewari, 1989	Puri Coast	Pandey and Tewari (1989); Madhavi (2011)
<i>Pseudopecoelus bilqeesae</i> Ahmad & Dhar, 1987	Puri Coast	Ahmad and Dhar (1987b); Madhavi (2011)
<i>Pseudopecoelus dollfusi</i> Ahmad & Dhar, 1987	Puri Coast	Ahmad and Dhar (1987b); Madhavi (2011)
<i>Pseudopecoelus odeningi</i> Ahmad, 1987	Puri Coast	Ahmad (1987); Madhavi (2011)
Subfamily Opecoelinae Ozaki, 1925		
<i>Pseudopecoeloides orientalis</i> Gupta & Ahmad, 1978	Puri Coast	Gupta and Ahmad (1978c); Madhavi (2011)
<i>Pseudopecoeloides puriensis</i> Ahmad, 1978	Puri Coast	Ahmad (1978); Madhavi (2011)
Subfamily Stenakrinae Yamaguti, 1970		
<i>Pseudopecoelina puriensis</i> Ahmad, 1978	Puri Coast	Ahmad (1978); Madhavi (2011)
<i>Pseudopecoelina stunkardi</i> Ahmad, 1978	Puri Coast	Ahmad (1978); Madhavi (2011)
Family Opisthobolidae Fukui, 1929		
<i>Heterolebes spindalis</i> Gupta, 1968	Puri Coast	Gupta (1968a); Madhavi (2011)
Family Acanthocolpidae Lühe, 1906		
<i>Acanthocolpus caballeroi</i> Gupta & Sharma, 1972	Puri Coast	Gupta and Puri (1980); Madhavi (2011)
<i>Acanthocolpus dorabi</i> Gupta & Ahmad, 1981	Puri Coast	Gupta and Ahmad (1981); Madhavi (2011)
<i>Acanthocolpus equulai</i> Gupta & Srivastava, 1989	Puri Coast	Gupta and Srivastava (1989); Madhavi (2011)
<i>Acanthocolpus litorius</i> Lühe, 1906	Puri Coast	Gupta and Gupta (1980); Gupta and Puri (1980); Madhavi (2011)
<i>Acanthocolpus lutjanusi</i> Gupta & Gupta, 1980	Puri Coast	Gupta and Gupta (1980); Madhavi (2011)
<i>Acanthocolpus microtesticulus</i> Lokhande, 1990	Puri Coast	Lokhande (1990); Madhavi (2011)
<i>Acanthocolpus orientalis</i> Srivastava, 1939	Puri Coast	Srivastava (1939c); Madhavi (2011)
<i>Acanthocolpus thapari</i> Gupta & Ahmad, 1981	Puri Coast	Gupta and Ahmad (1981); Madhavi (2011)
<i>Pleorchis indicus</i> Gupta & Puri, 1979	Puri Coast	Gupta and Puri (1979); Madhavi (2011)
<i>Pleorchis puriensis</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976b); Madhavi (2011)
<i>Pseudolepidapedon indica</i> Gupta & Ahmad, 1976	Puri Coast	Gupta and Ahmad (1976b); Madhavi (2011)
<i>Stephanostomoides tenuis</i> (Manter, 1963) Hafeezullah, 1978	Puri Coast	Gupta and Ahmad (1977b); Gupta and Gupta (1980); Madhavi (2011)
<i>Stephanostomum bhuneshwari</i> Gupta & Puri, 1985	Puri Coast	Gupta and Puri (1985b); Madhavi (2011)
<i>Stephanostomum chauhani</i> Gupta & Ahmad, 1979	Puri Coast	Gupta and Ahmad (1979a); Madhavi (2011)
<i>Stephanostomum cloacum</i> (Srivastava, 1938) McFarlane, 1934	Puri Coast, Chilika Lake	Madhavi and Shameem (1993); Madhavi (2011)
<i>Stephanostomum equalai</i> Gupta & Puri, 1985	Puri Coast	Gupta and Puri (1985b); Madhavi (2011)
<i>Stephanostomum gazzai</i> Gupta & Puri, 1985	Puri Coast	Gupta and Puri (1985b); Madhavi (2011)
<i>Stephanostomum indicum</i> Srivastava, 1937	Chilika Lake	Dutta (1995)
<i>Stephanostomum simhai</i> Gupta & Ahmad, 1979	Puri Coast	Gupta and Ahmad (1979a); Madhavi (2011)
<i>Stephanostomum srivastavai</i> Gupta & Gupta, 1980	Puri Coast	Gupta and Gupta (1980); Madhavi (2011)
Family Allocreadiidae Looss, 1902		
<i>Orientocreadium batrachoides</i> Tubangui, 1931	Chilika Lake (Barkul)	Dutta (1995)
Superfamily Plagiorchioidea Lühe, 1901		
Family Cephalogonimidae Looss, 1899		
<i>Masenia carangi</i> Gupta & Tandon, 1984	Puri Coast	Gupta and Tandon (1984); Madhavi (2011)
<i>Masenia orissai</i> Gupta & Tandon, 1984	Puri Coast	Gupta and Tandon (1984); Madhavi (2011)
Superfamily Microphalloidea Ward, 1901		
Family Faustulidae Poche, 1926		
<i>Bacciger bacciger</i> (Rudolphi, 1819)	Chilika Lake	Dutta (1995)
<i>Baccigeroides hafeezullahi</i> Manna & Dutta, 1996	Chilika Lake	Dutta (1995); Manna and Dutta (1996); Madhavi (2011)
<i>Faustula brevicirrus</i> (Srivastava, 1935) Yamaguti, 1958	Puri Coast	Gupta and Ahmad (1977b); Madhavi (2011)
<i>Paradiscogaster pritchardae</i> (Gupta & Ahmad, 1978) Cribb, Anderson & Bray, 1999	Puri Coast	Gupta and Ahmad (1978a); Madhavi (2011)
Superfamily Haploporoidea Nicoll, 1914		
Family Haploporidae Nicoll, 1914		
<i>Carassotrema bengalense</i> Rekharani & Madhavi, 1985	Puri Coast	Shameem and Madhavi (1991); Madhavi (2011)
<i>Saccoceoloides chilkaensis</i> Dutta, 1995	Chilika Lake	Dutta (1995)
<i>Saccoceoloides martini</i> Madhavi, 1979	Chilika Lake (Rambha)	Dutta (1995)
<i>Saccoceolium tripathi</i> Dutta, 1995	Chilika Lake	Dutta (1995); Dutta and Manna (1998)

	<i>Unisaccus guptai</i> (Ahmad, 1987) Overstreet & Curran, 2005	Puri Coast	Ahmad (1987); Madhavi (2011)
Class Cestoda Rudolphi, 1808			
Subclass Eucestoda Southwell, 1930			
Order Cyclophyllidea Braun, 1900			
Family Hymenolepididae Ariola, 1899			
	<i>Diploposthe laevis</i> (Bloch, 1782)	Chilika Lake	Southwell (1915)
	<i>Hymenolepis breviannulata</i> Fuhrmann 1906	Chilika Lake	Southwell (1915)
Order Lecanicephalidea Wardle & Mccleod, 1952			
Family Polypocephalidae Meggitt, 1924			
	<i>Polypocephalus medusia</i> (Linton, 1890)	Chilika Lake	Southwell (1915); Chaudhuri (1916a)
Order Tetraphyllidea Carus, 1863			
Family Onchobothriidae Braun, 1900			
	<i>Calliobothrium eschrichtii</i> (van Beneden, 1849)	Chilika Lake	Southwell (1915); Chaudhuri (1916a)
Family Phyllobothriidae Braun, 1900			
	<i>Phyllobothrium pammicrum</i> Shipley & Hornell, 1906	Chilika Lake	Southwell (1915); Chaudhuri (1916a)

**Lecithaster binoyi* (Datta, 1995) [taxon inquirendum]

***Prosohynchoides thapari* (Gupta & Singh, 1985) should be renamed since the name is preoccupied by *P. thapari* (Dayal, 1948) Bott & Cribb, 2005.

****Aephidiogenes indicus* Ahmad, 1978 [taxon inquirendum]

Table 11. Checklist of Kinorhyncha recorded from the Odisha coast

Phylum Kinorhyncha Dujardin, 1851	Locality	References
Order Cyclorhagida Zelinka, 1896		
Family Cateriidae Gerlach, 1956		
<i>Cateria gerlachi</i> Higgins, 1968	Puri, Bahuda Estuary	Chandrasekhara Rao (1989, 1991)
<i>Cateria styx</i> Gerlach, 1956	Konark, Puri	Nagabhushanam (1972)
Family Echinoderidae Bütschli, 1876		
<i>Echinoderes bengalensis</i> (Timm, 1958)	Chandipur	Chandrasekhara Rao (1989)

Table 12. Checklist of Nematoda recorded from the Odisha coast

Phylum Nematoda Cobb, 1932	Locality	References
Class Enoplea Inglis, 1983		
Subclass Enoplia Pearse, 1942		
Superorder Enoplica Hodda, 2007		
Order Enoplida Filipjev, 1929		
Suborder Enoplina Chitwood & Chitwood, 1937		
Superfamily Phanodermatoidea Schuurmans Stekhoven, 1935		
Family Anticomidae Filipjev, 1918 (Hope & Murphy, 1972)		
<i>Anticoma acuminata</i> (Eberth, 1963)	Paradip	Chandrasekhara Rao (1989)
<i>Anticoma arctica</i> Steiner, 1916	Chandipur, Paradip, Konark, Puri, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989)
Order Ironida Hodda, 2007		
Suborder Oxystominina Siddiqi, 1983		
Superfamily Oxystominoidea Filipjev, 1918		
Family Leptosomatidae Filipjev, 1916		
Subfamily Leptosomatinae Filipjev, 1916		
<i>Leptosomatium indicum</i> Stewart, 1914	Chilika Lake (Manikapatna, Outer Channel)	Stewart (1910)
Subfamily Platycominae Platonova 1976		
<i>Platycoma africana</i> (Gerlach, 1959)	Bahuda Estuary	Chandrasekhara Rao (1989)
Family Oxystominidae Filipjev, 1918 (De Coninck & Schuurmans Stekhoven, 1933)		
Subfamily Halalaiminae De Coninck, 1965		
<i>Halalaimus setosus</i> Timm, 1961	Chilika Lake (Rambha Bay), Bahuda Estuary	Chandrasekhara Rao (1989)
Subclass Oncholaimia Hodda, 2007		
Superorder Oncholaimica Hodda, 2007		
Order Oncholaimida Siddiqi, 1983		
Suborder Oncholaimina De Coninck, 1965		
Superfamily Oncholaimoidea Filipjev, 1916 (De Coninck, 1965)		
Family Oncholaimidae Filipjev, 1916		
Subfamily Adoncholaiminae Gerlach & Riemann, 1974		
<i>Adoncholaimus chilkenis</i> Stewart, 1914	Chilika Lake (Ghantasila, Pegion Island), Ganjam	Stewart (1910)
Subfamily Oncholaiminae Filipjev, 1916		
<i>Oncholaimus brachycercus</i> De Man, 1889	Puri, Bahuda Estuary	Chandrasekhara Rao (1989)

Class Chromadorea Inglis, 1983			
Subclass Chromadoria Adamson, 1987			
Superorder Chromadorica Hodda, 2007			
Order Chromadorida Chitwood, 1933			
Suborder Chromadorina Filipjev, 1929			
Superfamily Chromadoroidea Filipjev, 1917			
(De Coninck & Schuurmans Stekhoven, 1933)			
Family Chromadoridae Filipjev, 1917			
Subfamily Euchromadorinae Gerlach & Riemann, 1973			
	<i>Euchromadora vulgaris</i> (Bastian, 1865)	Puri	Chandrasekhara Rao (1989)
	De Man, 1886		
Subfamily Hypodontolaiminae De Coninck, 196			
	<i>Dichromadora simplex</i> Timm, 1961	Paradip	Chandrasekhara Rao (1989)
	<i>Spilophorella campbelli</i> Allgén, 1928	Bahuda Estuary	Chandrasekhara Rao (1989)
Order Desmodorida De Coninck, 1965			
Suborder Desmodorina De Coninck, 1965			
Superfamily Desmodoroidea Filipjev, 1922			
(Chitwood, 1936)			
Family Desmodoridae Filipjev, 1922			
(Steiner, 1927)			
Subfamily Desmodorinae Filipjev, 1922			
	<i>Desmodora brevicollis</i> (Cobb, 1920)	Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Superfamily Microlaimoidea De Coninck & Schuurmans Stekhoven,			
1933 (Lorenzen, 1981)			
Family Monoposthiidae De Coninck, 1965			
	<i>Monoposthia costata</i> (Bastian, 1865)	Puri	Chandrasekhara Rao (1989)
	<i>Rhinema exquisitum</i> Timm, 1961	Chandipur	Chandrasekhara Rao (1989)
Order Desmoscolecida Filipjev, 1929			
Suborder Desmoscolecina De Coninck, 1965			
Superfamily Desmoscolecoidae Shipley, 1896			
Family Desmoscolecidae Shipley, 1896			
	<i>Desmoscolex bengalensis</i> Timm, 1961	Chandipur, Konark, Puri	Nagabhusanam (1972); Chandrasekhara Rao (1989)
Order Selachinematida Hodda, 2011			
Suborder Selachinematina Hodda, 2011			
Superfamily Selachinematoidea De Coninck, 1965			
(Hodda, 2007)			
Family Selachinematidae De Coninck, 1965			
	<i>Synonchium obtusum</i> Cobb, 1920	Puri	Chandrasekhara Rao (1989)
Subclass Plectia Hodda, 2007			
Superorder Monhysterica Hodda, 2007			
Order Monhysterida Filipjev, 1929			
Suborder Araelaimina De Coninck, 1965			
Superfamily Axonolaimoidea De Coninck & Schuurmans Stekhoven,			
1933 (Chitwood, 1937)			
Family Comesomatidae Filipjev, 1918			
(De Coninck & Schuurmans Stekhoven, 1933)			
Subfamily Sabatieriinae Filipjev, 1934			
	<i>Sabatieria abyssalis</i> (Filipjev, 1918)	Chandipur, Paradip	Chandrasekhara Rao (1989)
	<i>Setosabatieria hilarula</i> (de Man, 1922)	Bhadrak Coast, Paradip	Chandrasekhara Rao (1989)
Family Diplopeltidae Filipjev, 1918			
(De Coninck & Schuurmans Stekhoven, 1933)			
Subfamily Diplopeltinae Filipjev, 1918			
	<i>Southerniella simplex</i> Allegen, 1932	Chandipur	Chandrasekhara Rao (1989)
Suborder Linhomoeina Andrassy, 1974			
Superfamily Siphonolaimoidea Chitwood, 1937			
(De Coninck, 1965)			
Family Linhomoeidae Filipjev, 1922 (Filipjev, 1934)			
	<i>Terschellingia longicaudata</i> De Man, 1907	Paradip	Chandrasekhara Rao (1989)
Subfamily Linhomoeinae Filipjev, 1922			
	<i>Anticyclus dubius</i> Timm, 1961	Paradip	Chandrasekhara Rao (1989)
Suborder Monhysterina De Coninck & Schuurmans Stekhoven, 1933			
Superfamily Monhysteroidae De Man, 1876			
(De Coninck, 1965)			
Family Monhysteridae De Man, 1876			
	<i>Diplolaimelloides meyeri</i> Timm, 1961	Chandipur	Chandrasekhara Rao (1989)
	<i>Monhystra parva</i> (Bastian, 1865)	Puri, Bahuda Estuary	Chandrasekhara Rao (1989)
	<i>Monhystra uria</i> Stewart, 1914	Chilika Lake (Manikapatna, Rambha), Ganjam Coast	Stewart (1910)
Superfamily Sphaerolaimoidea Filipjev, 1918			
(De Coninck, 1965)			
Family Sphaerolaimidae Filipjev, 1918			
(De Coninck & Schuurmans Stekhoven, 1933)			
Subfamily Sphaerolaiminae Filipjev, 1918			
	<i>Sphaerolaimus pacificus</i> Allgen, 1947	Chandipur, Paradip	Chandrasekhara Rao (1989)

Family Xyalidae Chitwood, 1951 (Lorenzen, 1977)	<i>Rhynchonema cinctum</i> Cobb, 1920	Konark, Puri, Gopalpur, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
	<i>Theristus megalaimus</i> Stewart, 1914	Chilika Lake (Ghantasila)	Stewart (1910)
	<i>Theristus tortuosa</i> Timm, 1961?	Bhadrak Coast, Konark, Puri	Nagabhushanam (1972); Chandrasekhara Rao (1989)
Superorder Rhabditica Hodda, 2007			
Order Spirurida Railliet, 1914			
Suborder Gnathostomatina Skryabin & Ivaschkin, 1973			
Superfamily Gnathostomatoidea Railliet, 1895			
Family Gnathostomatidae Railliet, 1895			
Subfamily Gnathostomatinae (Railliet, 1895)			
<i>Echinocephalus uncinatus</i> Molin, 1858	Chilika Lake		Sarkar (1995)
Suborder Spirurina Railliet & Henry, 1915			
Superfamily Habronematoidea Chitwood & Wehr, 1932 (Anderson <i>et al.</i> , 1974)			
Family Cystidicolidae Skryabin <i>et al.</i> 1949			
<i>Pseudoproleptus vestibulus</i> Khera, 1953	Balugaon		Sarkar (1995)

Table 13. Checklist of Gastrotricha recorded from the Odisha coast

Phylum Gastrotricha Metschnikoff, 1865	Locality	References
Order Macrodasysida Remane, 1925 [Rao & Clausen, 1970]		
Family Cephalodasyidae Hummon & Todaro, 2010		
<i>Cephalodasys caudatus</i> Chandrasekhara Rao, 1981	Konark, Puri	Chandrasekhara Rao (1981, 1989); Vanamala Naidu and Rao (2004)
<i>Cephalodasys turbanelloides</i> (Boaden, 1960)	Puri	Vanamala Naidu and Rao (2004)
<i>Paradasys lineatus</i> Rao, 1980	Gopalpur	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)
<i>Paradasys littoralis</i> Rao & Ganapati, 1968	Puri	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004)
Family Dactylopodolidae Strand, 1929		
<i>Dactylopodola indica</i> (Rao & Ganapati, 1968)	Konark, Puri	Chandrasekhara Rao (1989, 1991); Vanamala Naidu and Rao (2004)
Family Macrodasysidae Remane, 1926		
<i>Macrodasys caudatus</i> Remane, 1927	Konark	Vanamala Naidu and Rao (2004)
<i>Macrodasys waltairensis</i> Rao & Ganapati, 1968	Gopalpur	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)
<i>Urodasys viviparus</i> Wilke, 1954	Puri	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004)
Family Planodasyidae Rao & Clausen, 1970		
<i>Crastella indica</i> Chandrasekhara Rao, 1981	Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1981, 1989); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)
<i>Planodasys marginalis</i> Rao & Clausen, 1970	Bahuda Estuary	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004)
Family Thaumastodermatidae Remane, 1927		
Subfamily Diplodasyinae Ruppert, 1978		
<i>Acanthodasys aculeatus</i> Remane, 1927	Bahuda Estuary	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004)
Subfamily Thaumastodermatinae Ruppert, 1978		
<i>Pseudostomella indica</i> Rao, 1970	Gopalpur	Chandrasekhara Rao (1989, 1991); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)
<i>Pseudostomella roscovita</i> Swedmark, 1956	Konark, Puri	Nagabhushanam (1972); Vanamala Naidu and Rao (2004)
<i>Tetranchyroderma indicum</i> Rao & Ganapati, 1968	Gopalpur	Chandrasekhara Rao (1989, 1991); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)
<i>Tetranchyroderma littorale</i> Chandrasekhara Rao, 1981	Konark, Puri, Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1981, 1989); Vanamala Naidu and Rao (2004)
<i>Tetranchyroderma megastomum</i> (Remane, 1927)	Puri	Vanamala Naidu and Rao (2004)
<i>Tetranchyroderma suecicum</i> Boaden, 1960	Konark	Vanamala Naidu and Rao (2004)
<i>Thaumastoderma heideri</i> Remane, 1926	Puri, Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)
Family Turbanellidae Remane, 1926		
<i>Paraturbanella boadeni</i> Rao & Ganapati, 1968	Gopalpur	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)
<i>Paraturbanella mesoptera</i> Rao, 1970	Bahuda Estuary	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004)
<i>Turbanella bengalensis</i> Rao & Ganapati, 1968	Bahuda Estuary	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004)
<i>Turbanella indica</i> Chandrasekhara Rao, 1981	Gopalpur	Chandrasekhara Rao (1989, 1991); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)
Order Chaetonotida Remane, 1925 [Rao & Clausen, 1970]		
Suborder Paucitubulatina d' Hondt, 1971		
Family Chaetonotidae Gosse, 1864		
Subfamily Chaetonotinae Kisielowski, 1991		
<i>Aspidiophorus marinus</i> Remane, 1926	Konark, Puri, Gopalpur	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)
<i>Chaetonotus (Schizochaetonotus) atrox</i> Wilke, 1954	Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)

Family Xenotrichulidae Remane, 1927		
Subfamily Xenotrichulinae Ruppert, 1979		
<i>Xenotrichula (Velox) tentaculata</i> Rao & Ganapati, 1968	Konark, Puri, Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004)
<i>Xenotrichula (Velox) velox</i> Remane, 1927	Konark, Puri, Gopalpur, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989); Vanamala Naidu and Rao (2004); Pati <i>et al.</i> (2009b)

Table 14. Checklist of Chaetognatha recorded from the Odisha coast

Phylum Chaetognatha Leuckart, 1854	Locality	References
Class Sagittoidea Claus & Grobben, 1905		
Order Phragmophora Tokioka, 1965		
Family Spdellidae Tokioka, 1965		
<i>Spadella cephaloptera</i> (Busch, 1851)	Chilika Lake (Nalabana Island)	Acharya <i>et al.</i> (1999)
Order Aphragmophora Tokioka, 1965		
Family Pterosagittidae Tokioka, 1965		
<i>Pterosagitta draco</i> (Krohn, 1853)	Rushikulya Estuary	Sahu <i>et al.</i> (2010)
Family Sagittidae Claus & Grobben, 1905		
<i>Aidanosagitta neglecta</i> (Aida, 1897)	Puri, Rushikulya Estuary	Srinivasan and Krishnan (1985); Sahu <i>et al.</i> (2010)
<i>Ferosagitta robusta</i> (Doncaster, 1902)	Puri, Rushikulya Estuary	Srinivasan and Krishnan (1985); Sahu <i>et al.</i> (2010)
<i>Flaccisagitta enflata</i> (Grassi, 1881)	Budhabalanga Estuary, Puri, Bahuda Estuary	Srinivasan and Krishnan (1985); Gouda and Panigrahy (1995); Ramaiah <i>et al.</i> (1996); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Sagitta bombayensis</i> Lele & Gae, 1936	Rushikulya Estuary	Sahu <i>et al.</i> (2010)
<i>Zonosagitta bedoti</i> (Beraneck, 1895)	Budhabalanga Estuary, Puri, Bahuda Estuary	Srinivasan and Krishnan (1985); Gouda and Panigrahy (1995); Ramaiah <i>et al.</i> (1996); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Zonosagitta pulchra</i> (Doncaster, 1902)	Puri, Rushikulya Estuary	Srinivasan and Krishnan (1985); Sahu <i>et al.</i> (2010)
Family Krohnittidae Tokioka, 1966		
<i>Krohnitta pacifica</i> (Aida, 1897)	Puri	Srinivasan and Krishnan (1985)
<i>Krohnitta subtilis</i> (Grassi, 1881)	Rushikulya Estuary	Sahu <i>et al.</i> (2010)

Table 15. Checklist of Arthropoda recorded from the Odisha coast

Phylum Arthropoda Latreille, 1829	Locality	References
Subphylum Chelicerata Heymons, 1901		
Class Pycnogonida Latreille, 1810		
Order Pantopoda Gerstäcker, 1863		
Suborder Eupantopodia Fry, 1978		
Superfamily Nymphonoidea Pocock, 1904		
Family Callipallenidae Hilton, 1942		
<i>Propallene kempi</i> (Calman, 1923)	Odisha Coast	Veena <i>et al.</i> (2008)
Class Xiphosura Latreille, 1802		
Order Xiphosurida R. & E. Richter, 1924		
Family Limulidae Leach, 1819		
Subfamily Tachypleinae Pocock, 1902		
<i>Carcinoscorpius rotundicauda</i> (Latreille, 1802)	Talsari, Mahanadi Estuary (Hukitola)	Chatterji (1999); Mitra and Misra (2006)
<i>Tachypleus gigas</i> (Müller, 1785)	Khaimasi, Kirtania, Talsari, Balramgadi, Chandipur, Bhitarkanika, Mahanadi Estuary (Hukitola, Paradip), Gopalpur	Gravelly (1919); Rama Rao and Surya Rao (1972); Debnath and Chaudhury (1988); Lazarus <i>et al.</i> (1990); Chatterji <i>et al.</i> (1994); Chatterji (1999); Mitra and Misra (2006)
Class Arachnida Cuvier, 1812		
Subclass Acari Leach, 1817		
Order Trombidiformes Reuter, 1909		
Suborder Prostigmata Kramer, 1877		
Infraorder Eupodina Krantz, 1978		
Superfamily Halacaroidae Cunliffe, 1954		
Family Halacaridae Murray, 1877		
<i>Anomalohalacarus anomalus</i> (Trouessart, 1894)	Konark, Puri, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989)
Subphylum Crustacea Brünnich, 1772		
Class Branchiopoda Latreille, 1829		
Subclass Phyllopoda Preuss, 1951		
Order Diplostraca Gerstäcker, 1866		
Suborder Cladocera Latreille, 1829		
Infraorder Ctenopoda Sars, 1865		
Family Sididae Baird, 1850		
<i>Penilia avirostris</i> Dana, 1849	Rushikulya Estuary	Gouda and Panigrahy (1995); Sahu <i>et al.</i> (2010)
Infraorder Onychopoda Sars, 1865		
Family Podonidae Mordukhai-Boltovskoi, 1968		
<i>Pseudevadne tergestina</i> (Claus, 1877)	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Sahu <i>et al.</i> (2010)

Class Maxillopoda Dahl, 1956		
Subclass Thecostraca Gruvel, 1905		
Infraclass Cirripedia Burmeister, 1834		
Superorder Thoracica Darwin, 1854		
Order Pedunculata Lamarck, 1818		
Suborder Iblomorpha Newman, 1987		
Family Iblidae Leach, 1825		
Subfamily Iblinae Leach, 1825		
<i>Ibla cumingi</i> Darwin, 1851		
Suborder Lepadomorpha Pilsbry, 1916		
Family Lepadidae Darwin, 1852		
<i>Conchoderma virgatum</i> Spengler, 1789		
<i>Lepas anserifera</i> Linnaeus, 1767		
Family Poecilasmidae Annandale, 1909		
<i>Octolasmis angulata</i> (Aurivillius, 1894)		
<i>Octolasmis cor</i> (Aurivillius, 1892)		
<i>Octolasmis grayii</i> (Darwin, 1851)		
<i>Octolasmis nierstraszi</i> (Hoek, 1907)		
<i>Octolasmis tridens</i> (Aurivillius, 1893)		
<i>Octolasmis warwickii</i> Gray, 1825		
Order Sessilia Lamarck, 1818		
Suborder Balanomorphia Pilsbry, 1916		
Superfamily Chthamaloidea Darwin, 1854		
Family Chthamalidae Darwin, 1854		
Subfamily Chthamalinae Darwin, 1854		
<i>Chthamalus stellatus</i> (Poli, 1795)		
Subfamily Euraphiinae Newman & Ross, 1976		
<i>Euraphia withersi</i> (Pilsbry, 1916)		
Superfamily Coronuloidea Leach, 1817		
Family Platylepadidae Newman & Ross, 1976		
Subfamily Platylepadinae Ross & Frick, 2011		
<i>Platylepas ophiophila</i> Lanchester, 1902		
Subfamily Stomatolepadinae Ross & Frick, 2011		
<i>Stomatolepas praegustator</i> Pilsbry, 1910		
Superfamily Balanoidea Leach, 1817		
Family Archaeobalanidae Newman & Ross, 1976		
Subfamily Acastinae Kolbasov, 1993		
<i>Acasta fenestrata</i> Darwin, 1854		
<i>Acasta porata</i> (Nilsson-Cantell, 1921)		
<i>Neoacasta glans</i> (Lamarck, 1818)		
Subfamily Archaeobalaninae Newman & Ross, 1976		
<i>Armatobalanus cepa</i> (Darwin, 1854)		
<i>Chirona amaryllis</i> (Darwin, 1854)		
<i>Chirona tenuis</i> (Hoek, 1883)		
<i>Conopea navicula</i> (Darwin, 1854)		
<i>Conopea cymbiformis</i> (Darwin, 1854)		
<i>Solidobalanus ciliatus</i> (Hoek, 1913)		
Subfamily Bryozobiinae Ross & Newman, 1996		
<i>Multatria terebratus</i> (Darwin, 1854)		
Family Balanidae Leach, 1806		
Subfamily Amphibalaninae Darwin, 1854		
<i>Amphibalanus amphitrite</i> (Darwin, 1854)		
<i>Amphibalanus cirratus</i> (Darwin, 1854)		
<i>Amphibalanus improvisus</i> (Darwin, 1854)		
<i>Amphibalanus venustus</i> (Darwin, 1854)		
Subfamily Balaninae Leach, 1817		
<i>Balanus patellaris</i> (Spengler, 1780)		
Subfamily Megabalaninae Newman, 1979		
<i>Megabalanus tintinnabulum</i> (Linnaeus, 1758)		
Family Pyrgomatidae Gray, 1825		
Subfamily Megatrematinae Holthuis, 1982		
<i>Megatrema anglicum</i> (Sowerby, 1823)		
	Ganjam Coast	Nilsson-Cantell (1938)
	Puri, Off Ganjam Coast	Annandale (1909b)
	Puri Beach, Off Ganjam Coast	Annandale (1909b); Nilsson-Cantell (1938); Antony Fernando (2006)
	Odisha Coast	Antony Fernando (2006)
	Mahanadi Estuary (Hukitola),	Annandale (1915e); Daniel (1981);
	Chilika Lake (Outer Channel)	Venkateswaran and Fernando (1982)
	Puri Beach	Nilsson-Cantell (1938);
		Antony Fernando (2006)
	Odisha Coast, Puri, Off Puri	Annandale (1910); Nilsson-Cantell (1938)
	Odisha Coast	Lazarus <i>et al.</i> (1987)
	Odisha Coast	Lazarus <i>et al.</i> (1987)
	Subarnarekha Estuary (Talsari)	Mitra and Misra (2006);
		Mitra <i>et al.</i> (2010)
	Odisha Coast, Chandipur,	Nilsson-Cantell (1938)
	Mahanadi Estuary (False Point)	
	Ganjam Coast	Nilsson-Cantell (1938);
		Antony Fernando (2006)
	Puri	Antony Fernando (2006)
	Off Gopalpur	Nilsson-Cantell (1938);
		Antony Fernando (2006)
	Ganjam Coast	Nilsson-Cantell (1938)
	Odisha Coast, Ganjam Coast	Nilsson-Cantell (1938);
		Antony Fernando (2006)
	Odisha Coast, Konark	Nilsson-Cantell (1938)
	Off Odisha Coast, Balasore Bay,	Nilsson-Cantell (1938);
	Konark, Puri, Off Puri, Ganjam Coast	Antony Fernando (2006)
	Odisha Coast, Puri	Nilsson-Cantell (1938)
	Odisha Coast, Konark	Nilsson-Cantell (1938)
	Konark, Puri, Off Gopalpur	Nilsson-Cantell (1938)
	Konark, Puri, Ganjam Coast,	Nilsson-Cantell (1938)
	Off Gopalpur	
	Ganjam Coast	Nilsson-Cantell (1938)
	Subarnarekha Estuary (Talsari),	Annandale (1915e); Nilsson-Cantell (1938);
	Mahanadi Estuary (Hukitola), Puri,	Daniel (1981); Mitra and Misra (2006);
	Chilika Lake (Manikapatana, Outer	Pati <i>et al.</i> (2009b); Mitra <i>et al.</i> (2010)
	Channel, rarely in Rambha Bay), Gopalpur	
	Chandipur, Off Puri, Puri	Nilsson-Cantell (1938)
	Gopalpur	Pati <i>et al.</i> (2009b)
	Konark, Puri, Ganjam Coast	Nilsson-Cantell (1938)
	Odisha Coast (From North up	Nilsson-Cantell (1938); Daniel (1981)
	to Puri), Puri Beach	
	Gopalpur	Pati <i>et al.</i> (2009b)
	Ganjam Coast	Nilsson-Cantell (1938)

<i>Paracalanus aculeatus</i> Giesbrecht, 1888	Balasure Coast, Bahuda Estuary	Pati (1980); Mishra and Panigrahy (1999)
<i>Paracalanus dubia</i> Sewell, 1912	Rushikulya Estuary	Sahu <i>et al.</i> (2010)
<i>Paracalanus parvus</i> (Claus, 1863)	Balasure Coast, Rushikulya Estuary, Bahuda Estuary	Pati (1980); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Paracalanus pygmaeus</i> (Claus, 1863)	Chilika Lake	Sewell (1924)
<i>Pavocalanus crassirostris</i> (Dahl F., 1894)	Balasure Coast, Chilika Lake (Off Barkul, Rambha Bay, Samal Island, Satapada)	Sewell (1913, 1919, 1924); Pati (1980)
Family Pontellidae Dana, 1852		
<i>Calanopia elliptica</i> (Dana, 1849)	Rushikulya Estuary	Sahu <i>et al.</i> (2010)
<i>Calanopia minor</i> Scott A., 1902	Rushikulya Estuary	Sahu <i>et al.</i> (2010)
<i>Labidocera acuta</i> (Dana, 1849)	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Labidocera bengalensis</i> Krishnaswamy, 1952	Rushikulya Estuary	Gouda and Panigrahy (1995); Sahu <i>et al.</i> (2010)
<i>Labidocera minuta</i> Giesbrecht, 1889	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Labidocera pavo</i> Giesbrecht, 1889	Balasure Coast, Budhabalanga Estuary, Chilika Lake (Rambha), Rushikulya Estuary	Sewell (1919, 1924, 1929); Pati (1980); Ramaiah <i>et al.</i> (1996); Roy (1998); Sahu <i>et al.</i> (2010)
<i>Labidocera pectinata</i> Thompson I.C. & Scott A., 1903	Budhabalanga Estuary	Ramaiah <i>et al.</i> (1996)
<i>Pontella andersoni</i> Sewell, 1912	Rushikulya Estuary, Bahuda Estuary	Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Pontella securifer</i> Brady, 1883	Rushikulya Estuary	Sahu <i>et al.</i> (2010)
<i>Pontella spinipes</i> Giesbrecht, 1889	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999)
<i>Pontellopsis herdmani</i> Thompson I.C. & Scott A., 1903	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
Family Pseudodiaptomidae Sars, 1902		
<i>Pseudodiaptomus annandalei</i> Sewell, 1919	Balasure Coast, Budhabalanga Estuary, Chilika Lake (Rambha), Rushikulya Estuary, Bahuda Estuary	Sewell (1919, 1924, 1929); Pati (1980); Gouda and Panigrahy (1995); Ramaiah <i>et al.</i> (1996); Roy (1998); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Pseudodiaptomus ardjuna</i> Brehm, 1953	Budhabalanga Estuary	Ramaiah <i>et al.</i> (1996)
<i>Pseudodiaptomus aurivillii</i> Cleve, 1901	Bahuda Estuary	Mishra and Panigrahy (1999)
<i>Pseudodiaptomus binghami</i> Sewell, 1912	Budhabalanga Estuary, Chilika Lake (Rambha), Rushikulya Estuary, Bahuda Estuary	Sewell (1919, 1924); Gouda and Panigrahy (1995); Ramaiah <i>et al.</i> (1996); Mishra and Panigrahy (1999)
<i>Pseudodiaptomus bowmani</i> Walter, 1984	Budhabalanga Estuary	Ramaiah <i>et al.</i> (1996)
<i>Pseudodiaptomus hickmani</i> Sewell, 1912	Budhabalanga Estuary, Chilika Lake (Off Barakul, Breakfast Island, Satapada)	Sewell (1919, 1924, 1929); Ramaiah <i>et al.</i> (1996)
<i>Pseudodiaptomus lobipes</i> Gurney, 1907	Mahanadi Estuary, Chilika Lake	Sewell (1919, 1924); Roy (1998)
<i>Pseudodiaptomus serricaudatus</i> (Scott T., 1894)	Balasure Coast, Chilika Lake (Near Mouth)	Sewell (1924, 1929); Pati (1980)
<i>Pseudodiaptomus sewelli</i> Walter, 1984	Budhabalanga Estuary	Ramaiah <i>et al.</i> (1996)
<i>Pseudodiaptomus tollingerae</i> Sewell, 1919	Chilika Lake (Ghantasila, Rambha)	Sewell (1919, 1924, 1929)
Family Scolecitrichidae Giesbrecht, 1893		
<i>Scolecitrix danae</i> (Lubbock, 1856)	Bahuda Estuary	Mishra and Panigrahy (1999)
Family Subeucalanidae Giesbrecht, 1893		
<i>Subeucalanus crassus</i> (Giesbrecht, 1888)	Budhabalanga Estuary, Bahuda Estuary	Ramaiah <i>et al.</i> (1996); Mishra and Panigrahy (1999)
Family Temoridae Giesbrecht, 1893		
<i>Temora discaudata</i> Giesbrecht, 1889	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Temora longicornis</i> (Müller O.F., 1785)	Bahuda Estuary	Mishra and Panigrahy (1999)
<i>Temora turbinata</i> (Dana, 1849)	Balasure Coast, Budhabalanga Estuary, Rushikulya Estuary, Bahuda Estuary	Pati (1980); Gouda and Panigrahy (1995); Ramaiah <i>et al.</i> (1996); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
Family Tortanidae Sars, 1902		
<i>Tortanus barbatus</i> (Brady, 1883)	Budhabalanga Estuary	Ramaiah <i>et al.</i> (1996)
<i>Tortanus forcipatus</i> (Giesbrecht, 1889)	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Tortanus gracilis</i> (Brady, 1883)	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
Superorder Podoplea Giesbrecht, 1882		
Order Cyclopoida Burmeister, 1834		
Family Cyclopettidae Martínez Arbizu, 2000		
<i>Paracyclopsa intermedia</i> (Sewell, 1924)	Odisha Coast, Ekakula, Chilika Lake	Sewell (1924)
<i>Paracyclopsa longifurca</i> (Sewell, 1924)	Odisha Coast, Ekakula, Chilika Lake	Sewell (1924)
Family Cyclopicinidae Sars, 1913		
<i>Cyclopicina longifurcata</i> (Scott T., 1901)	Chilika Lake	Sewell (1924)
Family Cyclopidae Dana, 1846		
<i>Apocyclops buxtoni</i> (Gurney, 1921)	Chilika Lake	Sewell (1924)
<i>Halicyclops magniceps</i> (Liljeborg, 1853)	Chilika Lake (Barkul, Samal Island)	Sewell (1924)
<i>Halicyclops tenuispina</i> Sewell, 1924	Chilika Lake (Rambha Estuary), Bahuda Estuary	Sewell (1924); Rao (1987); Mishra and Panigrahy (1999)
<i>Mesocyclops leuckarti</i> (Claus, 1857)	Chilika Lake	Roy (1998)
<i>Mesocyclops obsoletus</i> (Koch, 1838)	Chilika Lake (Barakula)	Sewell (1924)
<i>Mesocyclops oithonoides</i> (Sars G.O., 1863)	Chilika Lake (Satapada)	Sewell (1924)
<i>Microcyclops bicolor</i> (Sars G.O., 1863)	Chilika Lake	Sewell (1924)
Family Cyclopinidae Sars, 1913		
<i>Cyclopinina euacantha</i> (Sars G.O., 1918)	Chilika Lake	Sewell (1924)
<i>Cyclopina gracilis</i> Claus, 1863	Chilika Lake	Sewell (1924)
<i>Cyclopina pusilla</i> Sars G.O., 1905	Chilika Lake	Sewell (1924)
<i>Cyclopina pygmaea</i> Sars G.O., 1918	Chilika Lake	Sewell (1924)
<i>Cyclopina schneideri</i> Scott T., 1904	Chilika Lake	Sewell (1924)

Family Hemicyclopinidae Martínez Arbizu, 2001		
<i>Cyclopinodes elegans</i> (Scott, T., 1894)	Chilika Lake	Sewell (1924)
<i>Cyclopinoides longicornis</i> (Boeck, 1872)	Chilika Lake	Sewell (1924)
<i>Pseudocyclopina belgicae</i> (Giesbrecht, 1902)	Chilika Lake	Sewell (1924)
Family Oithonidae Dana, 1852		
<i>Oithona brevicornis brevicornis</i> Giesbrecht, 1891	Chilika Lake (Rambha, Satapada), Rushikulya Estuary, Bahuda Estuary	Sewell (1924); Gouda and Panigrahy (1995); Mishra and Panigrahy (1999)
<i>Oithona linearis</i> Giesbrecht, 1891	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999)
<i>Oithona nana</i> Giesbrecht, 1893	Chilika Lake (Kalijai)	Sewell (1924)
<i>Oithona rigida</i> Giesbrecht, 1896	Balasure Coast, Rushikulya Estuary, Bahuda Estuary	Pati (1980); Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Oithona similis</i> Claus, 1866	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Oithona simplex</i> Farran, 1913	Rushikulya Estuary, Bahuda Estuary	Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
Order Harpacticoida Sars, 1903		
Family Ameiridae Monard, 1927		
<i>Ameira bengalensis</i> Rao & Ganapati, 1969	Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Ameira parvula parvula</i> (Claus, 1866)	Puri, Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Nitokra affinis rijekana</i> Petkovski, 1954	Bahuda Estuary	Chandrasekhara Rao (1989)
<i>Nitokra cari</i> Petkovski, 1954	Rushikulya Estuary, Bahuda Estuary	Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Nitokra fragilis</i> Sars G.O., 1905	Chilika Lake	Sewell (1924)
<i>Nitokra lacustris lacustris</i> (Shmankevich, 1875)	Chilika Lake	Sewell (1924)
<i>Nitokra oligochaeta</i> Giesbrecht, 1882	Chilika Lake	Sewell (1924)
<i>Nitokra spinipes</i> Boeck, 1865	Chilika Lake (Maluda, Parikud Is., Rambha Bay, Satapada)	Sewell (1924); Rao (1987); Rao and Sarma (1994)
<i>Nitokra spinipes orientalis</i> Sewell, 1924	Rambha Bay	Rao (1987)
<i>Nitokra typica typica</i> Boeck, 1865	Chilika Lake (Parikud Is.)	Rao and Sarma (1994)
<i>Nitokra yahiaii</i> (Blanchard & Richard, 1891)	Chilika Lake	Sewell (1924)
<i>Paraleptomesochra wellsi</i> Rao, 1972	Konark, Puri	Chandrasekhara Rao (1989)
<i>Parapseudoleptomesochra trisetosa</i> (Krishnaswamy, 1957)	Konark, Puri, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989)
<i>Sicameira langi</i> Rao, 1972	Puri, Bahuda Estuary	Chandrasekhara Rao (1989)
Family Arenopontiidae Martínez Arbizu & Moura, 1994		
<i>Arenopontia subterranea</i> Kunz, 1937	Konark, Puri, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989)
<i>Neoleptastacus indicus</i> (Rao, 1967)	Konark, Puri, Gopalpur, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Family Canthocamptidae Sars, 1906		
<i>Mesochra nana</i> Brady, 1910	Chilika Lake (Parikud Is.)	Sewell (1924); Rao and Sarma (1994)
<i>Mesochra pygmaea</i> (Claus, 1863)	Puri, Bahuda Estuary	Chandrasekhara Rao (1989)
Family Canuellidae Lang, 1944		
<i>Canuella furcigera</i> Sars G.O., 1903	Bharkanika (Dangmal, Gahiramatha), Chilika Lake (Parikud, Rambha Estuary, Satapada)	Sewell (1924); Rao (1987); Rao and Sarma (1994)
Family Dactylopusiidae Sars, 1905		
<i>Dactylopusia propinqua</i> (Scott T., 1893)	Chilika Lake	Sewell (1924)
<i>Diarthrodes cystoecus</i> Fahrenbach, 1954	Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Paradactylopusia brevicornis</i> (Claus, 1866)	Chilika Lake (Maluda, Parikud Island)	Sewell (1924); Rao and Sarma (1994)
<i>Paradactylopusia latipes</i> (Boeck, 1865)	Chilika Lake	Sewell (1924)
Family Ectinosomatidae Sars, 1903		
<i>Arenosetella germanica germanica</i> Kunz, 1937	Konark, Puri	Nagabhushanam (1972); Chandrasekhara Rao (1989)
<i>Arenosetella indica</i> Krishnaswamy, 1957	Bahuda Estuary	Chandrasekhara Rao (1989)
<i>Ectinosoma dentatum</i> Steuer, 1940	Gahiramatha	Rao (1987)
<i>Ectinosoma melaniceps</i> Boeck, 1865	Gahiramatha, Chilika Lake (Rambha Estuary), Gopalpur	Sewell (1924); Rao (1987); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Ectinosoma normani</i> Scott T. & A., 1894	Chilika Lake (Rambha Estuary)	Sewell (1924); Rao (1987)
<i>Glabrotelson bengalense</i> (Rao, 1972) Huys, 2009	Puri, Bahuda Estuary	Chandrasekhara Rao (1989)
<i>Glabrotelson leptoderma</i> (Klie, 1929) Huys, 2009	Puri, Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Glabrotelson setosum</i> (Rao & Ganapati, 1969) Huys, 2009	Konark	Chandrasekhara Rao (1989)
<i>Microsetella rosea</i> (Dana, 1848)	Bahuda Estuary	Mishra and Panigrahy (1999)
<i>Noodtiella intermedia</i> Wells, 1967	Bahuda Estuary	Chandrasekhara Rao (1989)
<i>Sigmatidium arenosetelloides</i> Noodt, 1958	Konark, Puri	Nagabhushanam (1972)
Family Euterpinidae Brian, 1921		
<i>Euterpina acutifrons</i> (Dana, 1847)	Balasure Coast, Chilika Lake (Rambha Estuary), Rushikulya Estuary, Bahuda Estuary	Sewell (1924); Pati (1980); Rao (1987); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Euterpina gracilis</i> (Claus, 1863)	Chilika Lake	Sewell (1924)
Family Harpacticidae Dana, 1846		
<i>Harpacticella lacustris</i> Sewell, 1924	Chilika Lake	Sewell (1924); Rao and Sarma (1994)
<i>Harpacticus gracilis orientalis</i> Sewell, 1924	(Parikud Is., Rambha Bay, Satapada)	
<i>Harpacticus littoralis</i> Sars G.O., 1911	Chilika Lake	Sewell (1924)
<i>Harpacticus nipponicus</i> Itô, 1976	Chilika Lake (Rambha Bay)	Sewell (1924); Rao (1987)
Family Laophontiidae Scott, 1905	Chilika Lake (Rambha Bay, Parikud Is.)	Rao (1987); Rao and Sarma (1994)
<i>Folioquimpes chathamensis</i> (Sars G.O., 1904)	Chilika Lake (Rambha Bay)	Sewell (1924); Rao (1987)
<i>Laophonte cornuta</i> Philippi, 1840	Chilika Lake (Rambha Bay), Gopalpur, Bahuda Estuary	Rao (1987); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Quinquelaophonte quinquespina</i> (Sewell, 1924)	Chilika Lake (Parikud Island, Rambha Bay), Bahuda Estuary	Sewell (1924); Rao (1987); Chandrasekhara Rao (1989); Rao and Sarma (1994)

Family Laophontopsidae Huys & Willems, 1989 <i>Laophontopsis secunda</i> (Sewell, 1924)	Chilika Lake	Sewell (1924)
Family Leptastacidae Lang, 1948 <i>Leptastacus waltirensis</i> Rao & Ganapati, 1969 <i>Psammastacus spinicaudatus</i> Wells, 1967	Gopalpur Gahiramatha, Puri	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b) Chandrasekhara Rao (1989)
Family Leptopontiidae Lang, 1948 Subfamily Psammopsyllinae Krishnaswamy, 1956 <i>Sewellina reducta</i> Krishnaswamy, 1956	Konark, Puri, Gopalpur, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Family Longipediidae Sars, 1903 <i>Longipedia coronata</i> Claus, 1863	Ekakula, Maluda, Chilika Lake(Parikud Is., Rambha Estuary)	Sewell (1924); Rao (1987); Rao and Sarma (1994)
<i>Longipedia kikuchii</i> ItôTat, 1980	Gahiramatha, Chilika Lake (Rambha Bay), Bahuda Estuary	Chandrasekhara Rao (1989)
<i>Longipedia rosea</i> Sars G.O., 1903	Bhitarkanika (Dangmal, Ekakula), Chilika Lake (Parikud Is., Rambha Estuary, Samal Island)	Sewell (1924); Rao (1987); Rao and Sarma (1994)
<i>Longipedia scotti</i> Sars G.O., 1903 <i>Longipedia weberi</i> Scott A., 1909	Chilika Lake Gopalpur, Bahuda Estuary	Sewell (1924) Chandrasekhara Rao (1989); Mishra and Panigrahy (1999); Pati <i>et al.</i> (2009b)
Family Metidae Sars, 1910 <i>Metis jousseaumei</i> (Richard, 1892)	Bahuda Estuary	Mishra and Panigrahy (1999)
Family Miraciidae Dana, 1846 Subfamily Diosaccinae Sars, 1906 <i>Amphiascoides subdebilis</i> (Willey, 1935) <i>Amphiascus scotti</i> Sewell, 1924 <i>Balucopsylla similis</i> Rao, 1972 <i>Diosaccus monardi</i> Sewell, 1940 <i>Robertgurneya similis similis</i> (Scott A., 1896) <i>Robertsonia propinqua</i> (Scott T., 1893)	Gopalpur Rambha Bay Puri, Bahuda Estuary Bhadrak Coast, Paradip Chilika Lake (Parikud Is.) Chilika Lake (Rambha Bay), Bahuda Estuary	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b) Sewell (1924) Chandrasekhara Rao (1989) Chandrasekhara Rao (1989) Rao and Sarma (1994) Chandrasekhara Rao (1989)
Subfamily Miraciinae Dana, 1846 <i>Macrosetella gracilis</i> (Dana, 1847)	Balasure Coast, Rushikulya Estuary, Bahuda Estuary Gahiramatha, Chilika Lake (Rambha Estuary), Bahuda Estuary	Pati (1980); Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010) Sewell (1924); Rao (1987); Mishra and Panigrahy (1999)
<i>Macrosetella oculata</i> (Sars G.O., 1916)	Bahuda Estuary	Mishra and Panigrahy (1999)
Subfamily Stenheiliinae Brady, 1880 <i>Delavalia inopinata</i> Scott A., 1902 <i>Delavalia madrasensis</i> (Wells, 1971) <i>Delavalia palustris</i> var. <i>palustris</i> Brady, 1868 <i>Delavalia polluta</i> (Monard, 1928) <i>Melima indica</i> (Krishnaswamy, 1957)	Chilika Lake Chilika Lake (Rambha Bay) Chilika Lake Bahuda Estuary Bahuda Estuary	Sewell (1924) Chandrasekhara Rao (1989) Sewell (1924) Chandrasekhara Rao (1989) Chandrasekhara Rao (1989)
Family Paramesochridae Lang, 1944 <i>Apodopsyllus adaptatus</i> (Krishnaswamy, 1957) <i>Kliopsyllus wilsoni</i> (Krishnaswamy, 1957)	Puri, Bahuda Estuary Konark, Puri, Bahuda Estuary	Chandrasekhara Rao (1989) Nagabhushanam (1972); Chandrasekhara Rao (1989)
Family Parastenheiliidae Lang, 1936 <i>Parastenhelina hornelli</i> Thompson I.C. & Scott A., 1903 <i>Parastenhelina oligochaeta</i> Wells & Rao, 1987	Gahiramatha, Gopalpur Bhitarkanika (Dangmal, Gahiramatha)	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b) Rao (1987)
Family Peltidiidae Sars, 1904 Subfamily Clytemnestrinae A. Scott, 1909 <i>Clytemnestra scutellata</i> Dana, 1849 Subfamily Peltidiinae Sars., 1904 <i>Peltidium ovale</i> Thompson I.C. & Scott A., 1903	Balasure Coast, Bahuda Estuary Puri, Bahuda Estuary	Pati (1980); Mishra and Panigrahy (1999) Chandrasekhara Rao (1989)
Family Tegastidae Sars, 1904 <i>Parategastes sphaericus</i> (Claus, 1863) <i>Tegastes chalmersi</i> Thompson I.C. & Scott A., 1903 <i>Tegastes donnani</i> Thompson I.C. & Scott A., 1903 <i>Tegastes imthurni</i> Thompson I.C. & Scott A., 1903 <i>Tegastes nigrans</i> (Scott T. & A., 1894) <i>Tegastes twynami</i> Thompson I.C. & Scott A., 1903	Chilika Lake (Maluda, Rambha Estuary) Chilika Lake Chilika Lake Chilika Lake Chilika Lake Chilika Lake	Sewell (1924); Rao (1987) Sewell (1924) Sewell (1924) Sewell (1924) Sewell (1924) Sewell (1924)
Family Tetragonicepsidae Lang, 1944 <i>Laophontella armata indica</i> Sewell, 1940	Chilika Lake (Parikud Is.)	Rao and Sarma (1994)
Family Tisbidae Stebbing, 1910 <i>Tisbe ensifera</i> Fischer, 1860 <i>Tisbe ensifera indica</i> (Sewell, 1924) <i>Tisbe furcata</i> (Baird, 1837)	Chilika Lake (Rambha Bay) Chilika Lake Chilika Lake (Maluda)	Sewell (1924); Rao (1987) Sewell (1924) Sewell (1924)
Order Poecilostomatoida Thorell, 1859 Family Chondracanthidae Milne Edwards, 1840 <i>Heterochondria longa</i> Tripathi, 1961	Odisha Coast	Krishna Pillai (1985)
Family Clausidiidae Embleton, 1901 <i>Saphirella indica</i> Sewell, 1924 (temporary name)	Chilika Lake (Parikud Is., Rambha Bay)	Sewell (1924); Rao (1987); Rao and Sarma (1994)
Family Corycaeidae Dana, 1852 <i>Corycaeus danae</i> Giesbrecht, 1891	Balasure Coast, Rushikulya Estuary, Bahuda Estuary	Pati (1980); Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
<i>Corycaeus giesbrechti</i> Dahl F., 1894 <i>Corycaeus speciosus</i> Dana, 1849	Chilika Lake Balasure Coast, Rushikulya Estuary	Sewell (1924) Pati (1980); Gouda and Panigrahy (1995); Sahu <i>et al.</i> (2010)
<i>Corycaeus venustus</i> Dana, 1849	Chilika Lake	Sewell (1924)

	<i>Farranula gibbula</i> (Giesbrecht, 1891)	Balasore Coast	Pati (1980)
	<i>Onychocorycaeus agilis</i> (Dana, 1849)	Rushikulya Estuary	Gouda and Panigrahy (1995)
	<i>Onychocorycaeus catus</i> (Dahl F., 1894)	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
	Family Ergasilidae Von Nordmann, 1832		
	<i>Ergasilus bengalensis</i> Southwell & Prasad, 1918	Chilika Lake	Sewell (1924)
	<i>Ergasilus hamiltoni</i> Southwell & Prasad, 1918	Chilika Lake	Sewell (1924)
	<i>Ergasilus scotti</i> Sundara Raj, 1923	Chilika Lake	Sewell (1924)
	<i>Ergasilus sieboldi</i> von Nordmann, 1832	Chilika Lake	Sewell (1924)
	Family Oncaeidae Giesbrecht, 1893		
	<i>Oncaea venusta</i> Philippi, 1843	Rushikulya Estuary, Bahuda Estuary	Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
	<i>Triconia conifera</i> (Giesbrecht, 1891)	Bahuda Estuary	Mishra and Panigrahy (1999)
	Family Sapphirinidae Thorell, 1860		
	<i>Copilia mirabilis</i> Dana, 1852	Rushikulya Estuary, Bahuda Estuary	Mishra and Panigrahy (1999); Sahu <i>et al.</i> (2010)
	<i>Copilia vitrea</i> (Haeckel, 1864)	Rushikulya Estuary	Gouda and Panigrahy (1995); Sahu <i>et al.</i> (2010);
	<i>Sapphirina nigromaculata</i> Claus, 1863	Bahuda Estuary	Mishra and Panigrahy (1999)
	<i>Sapphirina ovatolanceolata</i> Dana, 1849	Bahuda Estuary	Mishra and Panigrahy (1999)
	Order Siphonostomatoidea Thorell, 1859		
	Family Lernaepodidae Milne Edwards, 1840		
	<i>Clavellisa ilishae</i> Pillai, 1962	Chilika Lake	Krishna Pillai (1985)
	<i>Clavellisa pellone</i> Tripathi, 1962	Odisha Coast	Krishna Pillai (1985)
	<i>Parabrachiella albida</i> (Rangnekar, 1956)	Odisha Coast	Krishna Pillai (1985)
	Family Lernanthropidae Kabata, 1979		
	<i>Lernanthropus abitocephalus</i> Tripathi, 1962	Puri Beach	Krishna Pillai (1985)
	<i>Lernanthropus chirocentrosus</i> Tripathi, 1963	Puri, Chilika Lake	Krishna Pillai (1985)
	<i>Lernanthropus corniger</i> Yamaguti, 1954	Puri	Krishna Pillai (1985)
	<i>Lernanthropus latis</i> Yamaguti, 1954	Odisha Coast	Krishna Pillai (1985)
	<i>Lernanthropus polynemi</i> Richiardi, 1881	Odisha Coast	Krishna Pillai (1985)
Class Orstracoda Latreille, 1802			
Subclass Podocopa Müller, 1894			
Order Podocopida Sars, 1866			
Subsection Cytherocopina Baird, 1850			
Superfamily Cytheroidea Baird, 1850			
Family Microcytheridae Klie, 1938			
<i>Microcythere subterranea</i> Hartmann, 1953	Konark, Puri		Nagabhushanam (1972); Chandrasekhara Rao (1989)
Class Malacostraca Latreille, 1802			
Subclass Hoplocarida Calman, 1904			
Order Stomatopoda Latreille, 1817			
Suborder Unipeltata Latreille, 1825			
Superfamily Squilloidea Latreille, 1802			
Family Squillidae Latreille, 1802			
<i>Clorida latreillei</i> Eydoux & Souleyet, 1842	Odisha Coast (23m depth)		Ghosh (1987, 1995a, 1998b)
<i>Cloridopsis bengalensis</i> (Tiwari & Biswas, 1952)	Odisha Coast, Chandipur		Ghosh (1987, 1995a, 1998b)
<i>Cloridopsis immaculata</i> (Kemp, 1913)	Odisha Coast, Chilika Lake (Lake proper, Outer Channel)		Kemp (1915b); Ghosh (1987, 1995b, 1998b)
<i>Cloridopsis scorpio</i> (Latreille, 1825)	Chilika Lake (Rambha)		Kemp (1915b); Sewell and Annandale (1922); Ghosh (1987, 1998b)
<i>Erugosquilla hesperia</i> (Manning, 1968)	Puri		Ghosh (1987)
<i>Erugosquilla massavensis</i> (Kossmann, 1880)	Puri		Ghosh (1987)
<i>Erugosquilla woodmasoni</i> (Kemp, 1911)	Odisha Coast		Ghosh (1987)
<i>Harpiosquilla harpax</i> (de Haan, 1844)	Off Paradip		Ghosh (1987)
<i>Harpiosquilla raphidea</i> (Fabricius, 1798)	Chandipur		Ghosh (1987, 1995a, 1998b)
<i>Kempina stridulans</i> (Wood-Mason, 1894)	Odisha Coast (136m)		Ghosh (1987)
<i>Lenisquilla gilesi</i> (Kemp, 1911)	Off Odisha Coast		Ghosh (1987)
<i>Miyakea holoschista</i> (Kemp, 1911)	Puri		Ghosh (1987, 1998b)
<i>Miyakea nepa</i> (Latreille, 1828)	Off Paradip, Puri		Ghosh (1987, 1998b)
<i>Oratosquillina interrupta</i> (Kemp, 1911)	Chandipur, Gahiramatha, Off Paradip, Puri, Chilika Lake (Outer Channel, Satapada)		Kemp (1915b); Ghosh (1987, 1995a, 1995b, 1998b)
<i>Oratosquillina quinquedentata</i> (Brooks, 1886)	Balasore Bay (27m depth)		Ghosh (1987)
<i>Squilloides tenuispinis</i> (Wood-Mason, 1891)	Off Ganjam Coast (179-186m depth)		Ghosh (1987)
Subclass Eumalacostraca Grobben, 1892			
Superorder Peracarida Calman, 1904			
Order Mysida Haworth, 1825			
Family Mysidae Haworth, 1825			
Subfamily Gastrosaccinae Norman, 1892			
<i>Eurobowmaniella muticus</i> (W. Tattersall, 1915)	Chilika Lake		Tattersall (1915)
<i>Eurobowmaniella simulans</i> (W. Tattersall, 1915)	Odisha Coast (Puri Beach)		Tattersall (1915, 1922); Biju and Panampunnayil (2011)
<i>Gastrosaccus dunckeri</i> Zimmer, 1915	Odisha Coast, Off Puri Beach		Tattersall (1922); Biju and Panampunnayil (2011)
<i>Gastrosaccus kempii</i> W. Tattersall, 1922	Odisha Coast, Off Puri Beach		Tattersall (1922)
<i>Gastrosaccus muticus</i> W. Tattersall, 1915	Odisha Coast, Off Puri, Outer Part of Chilika Lake (Nalabana)		Tattersall (1915, 1922)

Subfamily Leptomysinae Hansen, 1910		
<i>Afromysis macropsis</i> W. Tattersall, 1922	Off Puri	Tattersall (1922)
Subfamily Mysinae Haworth, 1825		
<i>Gangemysis assimilis</i> (W. Tattersall, 1908)	Mahanadi River, Sar Lake, Puri, Chilika Lake (Rambha)	Annandale (1914); Tattersall (1914, 1915); Sewell and Annandale (1922)
<i>Mesopodopsis orientalis</i> (W. Tattersall, 1908)	Mahanadi River, Sar Lake, Chilika Lake (South end of Barkul, Nalabana, Rambha Estuary)	Annandale (1914); Tattersall (1914, 1915); Sewell and Annandale (1922); Gouda and Panigrahy (1995); Sahu <i>et al.</i> (2010)
<i>Mesopodopsis zeylanica</i> Nouvel, 1954	Budhabalanga Estuary	Ramaiah <i>et al.</i> (1996)
Subfamily Rhopalophthalminae Hansen, 1910		
<i>Rhopalophthalmus chilkenis</i> O. Tattersall, 1957	Chilika Lake	Tattersall (1957)
<i>Rhopalophthalmus egregius</i> Hansen, 1910	Off Puri, Chilika Lake (Rambha)	Tattersall (1915, 1922); Sewell and Annandale (1922)
Order Amphipoda Latreille, 1816		
Family Paracalliopiidae Barnard & Karaman, 1982		
<i>Indocalliope indica</i> (K.H. Barnard, 1935)	Chilika Lake	Sivaprakasam (1966)
<i>Paracalliope fluviatilis</i> (Thomson, 1879)	Chilika Lake (Barakul, Rambha Bay, Off Samal Island, Off Sarani)	Chilton (1921); Sarma <i>et al.</i> (1979a, 1979b)
Suborder Senticaudata Lowry & Myers, 2013		
Infraorder Corophiida Myers & Lowry, 2003		
Superfamily Aoroidea Stebbing, 1899		
Family Aoridae Walker, 1908		
<i>Grandidierella gilesi</i> Chilton, 1921	Chilika Lake (Breakfast Island, Off Samal Island, Off Satapada, Satapada Bay)	Chilton (1921)
<i>Grandidierella megnae</i> (Giles, 1888)	Chilika Lake (Off Barkul, Kalijai, Rambha Bay, Off Samal Island, Off Satapada)	Chilton (1921); Sewell and Annandale (1922); Rao (1987)
Superfamily Corophioidea Leach, 1814		
Family Corophiidae Leach, 1814		
Subfamily Corophiinae Leach, 1814		
<i>Americorophium triaenonyx</i> (Stebbing, 1904)	Chilika Lake (Manikapatana)	Chilton (1921)
Superfamily Photoidea Boeck, 1871		
Family Photidae Boeck, 1871		
<i>Photis longicaudata</i> (Bate & Westwood, 1862)	Chilika Lake (Kalijai)	Chilton (1921); Sarma <i>et al.</i> (1979a, 1979b)
Infraorder Gammarida Latreille, 1802		
Family Ampeliscaidae Krøyer, 1842		
<i>Ampelisca pusilla</i> Sars, 1895	Chilika Lake (Kalijai, Patasanipur, Rambha Estuary)	Chilton (1921); Rao (1987)
Family Amphilochidae Boeck, 1871		
<i>Amphilochus brunneus</i> Della Valle, 1893	Chilika Lake (Barkul, Kalijai, Patasanipur, Samal island)	Chilton (1921)
Family Leucothoidae Dana, 1852		
<i>Leucothoe spinicarpa</i> (Abildgaard, 1789)	Rushikulya Estuary, Bahuda Estuary	Gouda and Panigrahy (1995); Sahu <i>et al.</i> (2010)
Family Liljeborgiidae Stebbing, 1899		
<i>Idunella chilkenis</i> Chilton, 1921	Chilika Lake (Patasanipur)	Chilton (1921); Peethambaran Achari (1983)
Family Oedicerotidae Liljeborg, 1865		
<i>Perioculodes longimanus</i> (Bate & Westwood, 1868)	Chilika Lake (Breakfast Island, Kalijai, Patasanipur)	Chilton (1921)
<i>Synchelidium haplocheles</i> (Grube, 1864)	Chilika Lake (Kalijai)	Chilton (1921)
Infraorder Hadziida S. Karaman, 1943		
Superfamily Hadzioidea S. Karaman, 1943 (Bousfield, 1983)		
Family Eriopisidae Lowry & Myers, 2013		
<i>Eriopisa chilkenis</i> (Chilton, 1921)	Chilika Lake, Gopalpur Creek	Peethambaran Achari (1983); Satpathy (1990)
<i>Victoriopisa chilkenis</i> (Chilton, 1921)	Chilika Lake (Barakul, Kalijai, Patasanipur, Off Samal Island)	Chilton (1921); Sarma <i>et al.</i> (1979a, 1979b)
Family Maeridae Krapp-Schickel, 2008		
<i>Ceradomaera plumosa</i> Ledoyer, 1973	Chilika Lake (Breakfast island, Chirriya Island, Maladeikuda, Rambha Estuary)	Chilton (1921); Rao (1987)
<i>Quadrivisia bengalensis</i> Stebbing, 1907	Chilika Lake (Off Barkul, Ghiakhala headland, Rambha Estuary, Off Samal Island, Off Satapada)	Chilton (1921); Sewell and Annandale (1922); Rao (1987)
Family Melitidae Bousfield, 1973		
<i>Melita inaequistylis</i> Dana, 1852	Chilika Lake (Off Barakul, Kalijai, Patasanipur)	Chilton (1921)
Infraorder Talitrida Rafinesque, 1815		
Superfamily Talitroidea Rafinesque, 1815		
Family Hyalidae Bulycheva, 1957		
Subfamily Hyalinae Bulycheva, 1957		
<i>Parhyale hawaiensis</i> (Dana, 1853)	Chilika Lake (Off Barakul, Breakfast Island, Kalijai, Off Samal Island)	Chilton (1921); Sarma <i>et al.</i> (1979b)
Family Talitridae Rafinesque, 1815		
<i>Platorchestia platensis</i> (Krøyer, 1845)	Chilika Lake (Barkul, Chirriya Island, Rambha)	Chilton (1921); Sewell and Annandale (1922); Sarma <i>et al.</i> (1979a)
<i>Talorchestia martensii</i> (Weber, 1892)	Chilika Lake (Barkul, Off Barkul, Rambha Estuary, Satapada)	Chilton (1921); Sewell and Annandale (1922); Sarma <i>et al.</i> (1979a, 1979b); Rao (1987)

Order Isopoda Latreille, 1817		
Suborder Microcerberidea Lang, 1961		
Family Microcerberidae Karaman, 1933		
<i>Coxicerberus predatoris</i> (Gnanamuthu, 1954)	Konark, Puri, Gopalpur, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Suborder Asellota Latreille, 1802		
Superfamily Janiroidea Sars, 1897		
Family Microparasellidae Karaman, 1933		
<i>Angeliera phreaticola</i> Chappuis & Delamare, 1954	Konark, Puri, Gopalpur, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Suborder Valvifera Sars, 1882		
Family Idoteidae Samouelle, 1819		
<i>Synidotea variegata</i> Collinge, 1917	Rambha Estuary	Chilton (1924); Rao (1987)
Suborder Oniscidea Latreille, 1802		
Family Agnaridae Schmidt, 2003		
<i>Agnara carinata</i> (Collinge, 1915)	Chilika Lake (Barakuda Is.)	Chilton (1916, 1924)
Family Alloniscidae Schmidt, 2003		
<i>Alloniscus pigmentatus</i> Budde-Lund, 1885	Chilika Lake	Chilton (1916, 1924)
Family Armadillidae Brandt, 1833		
<i>Cubaris granulatus</i> Collinge, 1915	Chilika Lake (Off Balugaon)	Chilton (1916, 1924)
Family Ligüidae Leach, 1814		
<i>Ligia exotica</i> Roux, 1828	Chilika Lake (Barakuda Is., Rambha Estuary)	Chilton (1916, 1924); Sewell and Annandale (1922); Sarma <i>et al.</i> (1979a, 1979b); Rao (1987)
Suborder Cymothoida Wägele, 1989		
Superfamily Anthuroidea Leach, 1914		
Family Anthuridae Leach, 1814		
<i>Apanthura sandalensis</i> Stebbing, 1900	Rambha Estuary	Chilton (1924); Rao (1987)
Family Leptanthuridae Poore, 2001		
<i>Accalathura borradalei</i> (Stebbing, 1904)	Chilika Lake	Chilton (1924)
Superfamily Cymothoidea Leach, 1814		
Family Aegidae White, 1850		
<i>Rocinela orientalis</i> Schioedte & Meinert, 1879	Chilika Lake	Chilton (1924)
Family Cirolanidae Dana, 1852		
<i>Cirolana fluviatilis</i> Stebbing, 1902	Chilika Lake	Krishna Pillai (1961)
<i>Cirolana parva</i> Hansen, 1890	Odisha Coast, Chilika Lake	Chilton (1924); Ghatak (1998)
<i>Cirolana pleonastica</i> Stebbing, 1900	Chilika Lake	Chilton (1924)
<i>Cirolana (Anopsilana) willeyi</i> (Stebbing, 1904)	Chilika Lake	Chilton (1924); Krishna Pillai (1961)
Family Cymothoidae Leach, 1818		
<i>Cymothoa indica</i> Schioedte & Meinert, 1884	Odisha Coast, Chilika Lake	Chilton (1924); Ghatak (1998)
<i>Nerocila madrasensis</i> Ramakrishna & Ramaniah, 1978	Odisha Coast	Chilton (1924); Ghatak (1995)
<i>Nerocila serra</i> Schioedte & Meinert, 1881	Odisha Coast	Ghatak (1995, 1998)
<i>Nerocila sundaica</i> Bleeker, 1857	Odisha Coast	Ghatak (1998)
Suborder Sphaeromatidea Wägele, 1989		
Superfamily Sphaeromatoidea Latreille, 1825		
Family Sphaeromatidae Latreille, 1825		
<i>Cassidina pulchra</i> Chilton, 1924 (nomen dubium)	Chilika Lake	Chilton (1924)
<i>Exosphaeroma parva</i> Chilton, 1924	Chilika Lake (Rambha), Ganjam	Chilton (1924); Sarma <i>et al.</i> (1979a, 1979b); Rao (1987); Ghatak (1995, 1998)
<i>Sphaeroma terebrans</i> Bate, 1866	Gopalpur Port	Nayak (1996)
<i>Sphaeroma walkeri</i> Stebbing, 1905	Gopalpur	Pati <i>et al.</i> (2009b)
Order Tanaidacea Dana, 1849		
Suborder Apeudomorpha Sieg, 1980		
Superfamily Apeudoidea Leach, 1814		
Family Parapseuidae Gutu, 1981		
<i>Ctenapseudes chilensis</i> (Chilton, 1924)	Chilika Lake (Rambha Bay)	Chilton (1924); Sarma <i>et al.</i> (1979a, 1979b); Rao (1987)
Family Pagurapseudopsidae Gutu, 2006		
<i>Pagurapseudopsis gymnophobia</i> (Barnard, 1935)	Gopalpur Creek	Satpathy (1990)
Order Cumacea Krøyer, 1846		
Family Bodotriidae Scott, 1901		
Subfamily Bodotriinae Scott, 1901		
<i>Iphinoe sanguinea</i> Kemp, 1916	Chilika Lake (Kalijai, Rambha)	Kemp (1916a); Sewell and Annandale (1922)
Family Diastylidae Bate, 1856		
<i>Paradiastylis culicoides</i> Kemp, 1916	Chilika Lake (Main areas of Outer Channel, Rambha)	Kemp (1916a); Sewell and Annandale (1922); Rao (1987)
Superorder Eucarida Calman, 1904		
Order Decapoda Latreille, 1802		
Suborder Dendrobranchiata Bate, 1888		
Superfamily Penaeoidea Rafinesque, 1815		
Family Aristeidae Wood-Mason In Wood-Mason & Alcock, 1891		
<i>Aristeus alcocki</i> Ramadan, 1938	North east Coast of India	George (1972)
<i>Aristeus semidentatus</i> Spence Bate, 1881	North east Coast of India	George (1972)
Family Penaeidae Rafinesque, 1815		
<i>Fenneropenaeus indicus</i> (H.Milne Edwards, 1837 [in Milne Edwards, 1834-1840])	Mahanadi Estuary, Puri, Chilika Lake (Balugaon, Barakul, near Bhasra Munda, Nalaban Wildlife Sanctuary, Siara Gola Village near Panasapada, Pandanasi Point west of Parikud Island, Rambha, Satapada), Rushikulya Estuary, Gopalpur Coast, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Alcock (1906); Kemp (1915a); Sewell and Annandale (1922); Jones and Sujansingani (1954); Prabhakara Rao (1967); George (1972); Jhingran and Gopalkrishnan (1973); Kowtal (1976); Ramakrishnaiah (1979); Satpathy (1990); Gouda and Panigrahy (1995); Narapu Reddy (1995); Pattanaik and Sarma (1997); Deb (1998a); Das <i>et al.</i> (2001); Das and Sahu (2002); Mohanty and Patnaik (2002); Das (2004); Nayak <i>et al.</i> (2005); Ramakrishna <i>et al.</i> (2006); Mohapatra <i>et al.</i> (2007b); Rath and Dev Roy (2011)

<i>Fenneropenaeus merguensis</i> De Man, 1888	Odisha Coast	George (1972); Pillai <i>et al.</i> (1991)
<i>Fenneropenaeus penicillatus</i> (Alcock, 1905)	Odisha Coast	Alcock (1906); George (1972)
<i>Ganjampenaeopsis uncta</i> (Alcock, 1905)	Mahanadi Estuary, Ganjam Coast	Alcock (1906)
<i>Marsupenaeus japonicus</i> (Spence Bate, 1888)	Bahuda Estuary (Antaraipur, Sorala, Sunapur)	George (1972); Rath and Dev Roy (2011)
<i>Melicertus canaliculatus</i> (Olivier, 1811)	Mahanadi Estuary, Chilika, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Alcock (1906); Deb (1998a); Mohapatra <i>et al.</i> (2007b); Rath and Dev Roy (2011)
<i>Metapenaeopsis stridulans</i> (Alcock, 1905)	Puri	Alcock (1906)
<i>Metapenaeus affinis</i> (H.Milne Edwards, 1837 [in Milne Edwards, 1834-1840])	Puri, Chilika Lake (Kalijai Is., Outer Channel, Rambha)	Alcock (1906); Kemp (1915a); Jones and Sujansingani (1954); George (1972); Narapu Reddy (1995); Mohapatra <i>et al.</i> (2007b)
<i>Metapenaeus brevicornis</i> (H.Milne Edwards, 1837)	Mahanadi Estuary, Off Ganjam	Alcock (1906); George (1972); Jhingran and Gopalkrishnan (1973)
<i>Metapenaeus dobsoni</i> (Miers, 1878)	Puri, Chilika Lake (Barakul, Parahara near Madarchua, near Rambha, north of Satapada), Rushikulya, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Alcock (1906); Kemp (1915a); Sewell and Annandale (1922); Jones and Sujansingani (1954); George (1972); Jhingran and Gopalkrishnan (1973); Kowtal (1976); Satpathy (1990); Gouda and Panigrahy (1995); Narapu Reddy (1995); Pattanaik and Sarma (1997); Das (2004); Mohapatra <i>et al.</i> (2007b); Rath and Dev Roy (2011)
<i>Metapenaeus ensis</i> (De Haan, 1844)	Odisha Coast, Chilika lagoon	Muthu (1965); Mohapatra <i>et al.</i> (2007b)
<i>Metapenaeus lysianassa</i> (De Man, 1888)	Puri	Alcock (1906); George (1972); Mohapatra <i>et al.</i> (2007b)
<i>Metapenaeus monoceros</i> (Fabricius, 1798)	Mahanadi Estuary, Puri, Chilika Lake (off Balugaon, Barakul, Off Bhasra Munda, Nalaban Wildlife Sanctuary, Panigrahy north central & central part of lake, Pathara, Rambha, Satapada), Rushikulya, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Alcock (1906); Kemp (1915a); Sewell and Annandale (1922); Jones and Sujansingani (1954); George (1972); Kowtal (1976); Gouda and Panigrahy (1995); Narapu Reddy (1995); Deb (1998a); Das (2004); Ramakrishna <i>et al.</i> (2006); Rath and Dev Roy (2011)
<i>Parapenaeopsis acclivirostris</i> Alcock, 1905	Bahuda Estuary (Sunapur)	Alcock (1906); Rath and Dev Roy (2011)
<i>Parapenaeopsis hardwickii</i> (Miers, 1878)	Puri	George (1972)
<i>Parapenaeopsis nana</i> Alcock, 1905	Odisha Coast	Alcock (1906)
<i>Parapenaeopsis sculptilis</i> (Heller, 1862a)	Odisha Coast, Ganjam Coast	Alcock (1906); George (1972)
<i>Parapenaeopsis stylifera</i> (H. Milne Edwards, 1837 [in H. Milne Edwards, 1834-1840])	Puri	Alcock (1906); George (1972)
<i>Parapenaeus fissurus</i> (Spence Bate, 1881)	Ganjam Coast	Alcock (1906)
<i>Parapenaeus longipes</i> Alcock, 1905	Puri, Ganjam Coast	Alcock (1906); George (1972)
<i>Parapenaeus politus</i> (Smith, 1881)	Mahanadi Estuary	Deb (1998a)
<i>Penaopsis rectacuta</i> (Spence Bate, 1881)	Mahanadi Estuary, Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Deb (1998a)
<i>Penaeus monodon</i> Fabricius, 1798	Mahanadi Estuary, Puri, Chilika Lake (Anandapur, Barakul, Nalaban Wildlife Sanctuary, Outer Channel, Rambha, Satapada), Rushikulya Estuary, Gopalpur, Bahuda Estuary (Sorala)	Alcock (1906); Kemp (1915a); Sewell and Annandale (1922); Jones and Sujansingani (1954); Prabhakara Rao (1967); George (1972); Jhingran and Gopalkrishnan (1973); Ramakrishnaiah (1979); Satpathy (1990); Rama Rao <i>et al.</i> (1992); Gouda and Panigrahy (1995); Narapu Reddy (1995); Reddy (1995b); Pattanaik and Sarma (1997); Deb (1998a); Das and Saksena (2001); Das <i>et al.</i> (2001); Mohanty and Mohanty (2001); Das and Sahu (2002); Mohanty and Patnaik (2002); Das (2004); Nayak <i>et al.</i> (2005); Ramakrishna <i>et al.</i> (2006); Mohapatra <i>et al.</i> (2007b); Rath and Dev Roy (2011)
<i>Penaeus semisulcatus</i> De Haan, 1844 [in De Haan, 1833-1850]	Mahanadi Estuary, Chilika Lake (Pandanus Point west of Parikud, Opposite Honeymoon Island near Rambha, Satapada), Rushikulya Estuary	Alcock (1906); Kemp (1915a); George (1972); Kowtal (1976); Rama Rao <i>et al.</i> (1992); Narapu Reddy (1995); Deb (1998a); Mohapatra <i>et al.</i> (2007b); Rath and Dev Roy (2011)
<i>Trachysalambria aspera</i> (Alcock, 1905)	Ganjam Coast	Alcock (1906)
<i>Trachysalambria curvirostris</i> (Stimpson, 1860a)	North-east Coast of India	George (1972)
Family Solenoceridae Wood-Mason In Wood-Mason & Alcock, 1891		
<i>Solenocera crassicornis</i> (H.Milne Edwards, 1837 [in Milne Edwards, 1834-1840])	Puri	George (1972)
<i>Solenocera hextii</i> Wood-Mason & Alcock, 1891	North east Coast of India	George (1972)
<i>Solenocera pectinata</i> (Spence Bate, 1888)	North east Coast of India	George (1972)
Superfamily Sergestoidae Dana, 1852		
Family Luciferidae de Haan, 1849 [In de Haan, 1833-1850]		
<i>Lucifer hansenii</i> Nobili, 1905	Rushikulya Estuary, Chilika Lake (Rambha)	Kemp (1915a); Sewell and Annandale (1922); Gouda and Panigrahy (1995); Pattanaik and Sarma (1997); Sahu <i>et al.</i> (2010)
Family Sergestidae Dana, 1852		
<i>Acetes erythraeus</i> Nobili, 1905	Odisha Coast, Puri	Kemp (1917a); Reddy (1995b)
Suborder Pleocyemata Burkenroad, 1963		
Superfamily Gebiidea De Saint Laurent, 1979		
Family Upogebiidae Borradaile, 1903		
<i>Wolffjogebia heterocheir</i> (Kemp, 1915)	Chilika Lake (West of Bhasra Munda, Between Bird's Dropping Island & Nalaban, north of Khallikote, northern part of Nalaban Island, Outer Channel, Rambha, north central part of Lake,)	Kemp (1915a); Sewell and Annandale (1922); Narapu Reddy (1995); Mohapatra <i>et al.</i> (2007b)
Infraorder Caridea Dana, 1852		
Superfamily Pasiphaeoidae Dana, 1852		
Family Pasiphaeidae Dana, 1852		
<i>Leptocheila (Leptocheila) aculeocaudata</i> Paul'son, 1875	Chilika Lake (Outer Channel)	Kemp (1915a)
Superfamily Atyoidea de Haan, 1849 [In de Haan, 1833-1850]		
Family Atyidae de Haan, 1849		
<i>Caridina gracilipes</i> De Man, 1892	Chilika (Rambha)	Sewell and Annandale (1922)

<i>Caridina nilotica</i> (Roux, 1833)	Chilika (Outer Channel, Rambha)	Kemp (1915a); Sewell and Annandale (1922)
<i>Caridina propinqua</i> De Man, 1908	Chilika (Barakul Bay, Manikapatana, Nalabana, Rambha)	Kemp (1915a); Sewell and Annandale (1922); Mohapatra <i>et al.</i> (2007b)
Superfamily Palaemonoidea Rafinesque, 1815		
Family Palaemonidae Rafinesque, 1815		
Subfamily Palaemoninae Rafinesque, 1815		
<i>Exopalaemon styliferus</i> (H. Milne Edwards, 1840 [in H. Milne Edwards, 1834-1840])	Mahanadi Estuary, Chilika Lake (Satapada)	Kemp (1915a, 1917b); Jhingran and Gopalkrishnan (1973); Narapu Reddy (1995); Deb (1998a); Mohapatra <i>et al.</i> (2007b)
<i>Macrobrachium dayanum</i> (Henderson, 1893)	Mahanadi Estuary	Deb (1998a)
<i>Macrobrachium equidens</i> (Dana, 1852)	Chilika lake, Sorala	Mohapatra <i>et al.</i> (2007b); Rath and Dev Roy (2011)
<i>Macrobrachium lamareii lamareii</i> (H. Milne Edwards, 1837)	Chilika Lake (Rambha)	Kemp (1915a); Sewell and Annandale (1922); Narapu Reddy (1995); Reddy (1995b); Mohapatra <i>et al.</i> (2007b)
<i>Macrobrachium malcolmsonii malcolmsonii</i> (H. Milne Edwards, 1844)	Chilika Lake (Barakula, Satapada)	Kemp (1915a); Jones and Sujansingani (1954); Narapu Reddy (1995); Mohapatra <i>et al.</i> (2007b)
<i>Macrobrachium rosenbergii</i> (De Man, 1879)	Mahanadi Estuary, Chilika Lake, Sorala	Deb (1998a); Mohapatra <i>et al.</i> (2007b); Rath and Dev Roy (2011)
<i>Macrobrachium rude</i> (Heller, 1862)	Mahanadi Estuary, Chilika Lake (Rambha), Sorala	Kemp (1915a); Sewell and Annandale (1922); Jones and Sujansingani (1954); Narapu Reddy (1995); Reddy (1995b); Deb (1998a); Mohapatra <i>et al.</i> (2007b); Rath and Dev Roy (2011)
<i>Macrobrachium scabriculum</i> (Heller, 1862)	Mahanadi Estuary, Chilika Lake (Rambha), Sorala	Kemp (1915a); Sewell and Annandale (1922); Deb (1998a)
<i>Nematopalaemon tenuipes</i> (Henderson, 1893)	Odisha Coast, Puri	Kemp (1917b)
<i>Urocaridella urocaridella</i> (Holthuis, 1950)	Odisha Coast, Chilika Lake	Kemp (1922)
Subfamily Pontoniinae Kingsley, 1879		
<i>Cuapetes demani</i> (Kemp, 1915)	Chilika Lake (south of Kalijai)	Kemp (1915a, 1922); Mohapatra <i>et al.</i> (2007b)
<i>Phycomenes indicus</i> (Kemp, 1915)	Chilika Lake (Barakul, Mahisa, Outer Channel, Rambha)	Kemp (1915a, 1922); Sewell and Annandale (1922)
Superfamily Alpheoidea Rafinesque, 1815		
Family Alpheidae Rafinesque, 1815		
<i>Alpheus lobidens</i> De Haan, 1849 [in De Haan, 1833-1850]	Chilika Lake (Rambha)	Kemp (1915a); Sewell and Annandale (1922)
<i>Alpheus malabaricus</i> (Fabricius, 1775)	Chilika Lake (Barhampura Is., Satapada)	Kemp (1915a)
<i>Alpheus paludicola</i> Kemp, 1915	Chilika Lake (Off Barakuda, Barhampura Is., Nalabana, Rambha, Satapada)	Kemp (1915a); Sewell and Annandale (1922)
<i>Athanas polymorphus</i> Kemp, 1915	Chilika Lake (Barhampura, Outer Channel, Satapada)	Kemp (1915a)
Family Hippolytidae Dana, 1852		
<i>Exhippolysmata ensirostris ensirostris</i> (Kemp, 1914)	Off Puri	Kemp (1916c)
<i>Lysmata kempii</i> Chace, 1997	Mahanadi Estuary (False Point Harbour)	Kemp (1914)
Family Ogyrididae Holthuis, 1955		
<i>Ogyrides striaticauda</i> Kemp, 1915	Chilika Lake (Outer Channel)	Kemp (1915a)
Superfamily Crangonoidea Haworth, 1825		
Family Crangonidae Haworth, 1825		
<i>Philoceras hendersoni</i> (Kemp, 1915)	Puri, Chilika Lake (Outer Channel)	Kemp (1915a, 1916b)
<i>Pontocaris pennata</i> Spence Bate, 1888	28 miles of SW of Puri, Ganjam Coast	Kemp (1916b)
Infraorder Thalassinidea Latreille, 1831		
Superfamily Callinassoidea Dana, 1852		
Family Callinassidae Dana, 1852		
<i>Neocallichirus maxima</i> (A. Milne-Edwards, 1870)	Chilika Lake (Between Siar & Badadanda, Nalabana, Backwaters between Maluda & Siar)	Kemp (1915a); Narapu Reddy (1995); Mohapatra <i>et al.</i> (2007b)
Infraorder Palinura Latreille, 1802		
Superfamily Palinuroidea Latreille, 1802		
Family Palinuridae Latreille, 1802		
<i>Panulirus homarus homarus</i> (Linnaeus, 1758)	Off Ganjam Coast	Jenkins (1912)
<i>Panulirus ornatus</i> (Fabricius, 1798)	Chilika Lake	Mohapatra <i>et al.</i> (2007b)
<i>Panulirus polyphagus</i> (Herbst, 1793)	Chilika, Off Ganjam Coast	Jenkins (1912); Mohapatra <i>et al.</i> (2007b)
Family Scyllaridae Latreille, 1825		
Subfamily Theninae Holthuis, 1985		
<i>Thenus orientalis</i> (Lund, 1793)	Odisha Coast	Lazarus <i>et al.</i> (1987)
Infraorder Anomura Macleay, 1838		
Superfamily Hippoidea Latreille, 1825		
Family Hippidae Latreille, 1825		
<i>Emerita emeritus</i> (Linnaeus, 1767)	Konark, Puri	Nagabhushanam (1972); Pattanaik (1993)
Superfamily Paguroidea Latreille, 1802		
Family Coenobitidae Dana, 1851		
<i>Coenobita cavipes</i> Stimpson, 1858	Subarnarekha Estuary (Talsari), Mahanadi Estuary, Chilika Lake (Satapada Island near Dak Bungalow)	Kemp (1915a); Narapu Reddy (1995); Reddy (1995a); Narapu Reddy and Krishna Murthy (1998); Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Coenobita rugosus</i> H. Milne Edwards, 1837	Chilika Lake (Manikapatana, Outer Channel)	Kemp (1915a); Narapu Reddy (1995)
Family Diogenidae Ortmann, 1892		
<i>Clibanarius clibanarius</i> (Herbst, 1791)	Subarnarekha Estuary (Kirtania, Talsari), Chilika Lake (Satapada)	Narapu Reddy (1995); Mitra <i>et al.</i> (2010)
<i>Clibanarius infraspinus</i> (Hilgendorf, 1869)	Subarnarekha Estuary (Talsari)	Mitra <i>et al.</i> (2010)
<i>Clibanarius longitarsus</i> (De Hann, 1849)	Chilika Lake (Mouth of Lake near Arakhakuda, Barakuda, Rambha, Satapada Island near Dak Bungalow & Manikapatna, Satapada)	Sewell and Annandale (1922); Narapu Reddy (1995)

<i>Clibanarius olivaceus</i> Henderson, 1915	Mahanadi Estuary, Astaranga, Chilika Lake (mouth of lake near Arakhakuda, Manikapatna, Rambha, Satapada)	Henderson, (1915); Sewell and Annandale (1922); Narapu Reddy (1995); Reddy (1995a); Narapu Reddy and Krishna Murthy (1998)
<i>Clibanarius padavensis</i> De Man, 1888	Subarnarekha Estuary (Talsari), Mahanadi Estuary, Astaranga, Chilika Lake (Mouth of Lake near Arakhakuda, Manikapatna, Rambha)	Kemp (1915a); Sewell and Annandale (1922); Narapu Reddy (1995); Reddy (1995a); Narapu Reddy and Krishna Murthy (1998); Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Dardanus hessii</i> (Miers, 1884)	Odisha Coast	Reddy (1995a)
<i>Diogenes avarus</i> Heller, 1865	Chilika Lake (mouth of Lake near Arakhakuda, Channel between Satapada & Manikapatna, Satapada, Satapada Island near Dak Bungalo w)	Kemp (1915a); Narapu Reddy (1995); Reddy (1995a)
<i>Diogenes costatus</i> Henderson, 1893	Talsari	Mitra and Misra (2006)
<i>Diogenes custos</i> (Fabricius, 1798)	Subarnarekha Estuary (Talsari), Mahanadi Estuary, Chilika Lake (mouth of Lake sea side beach)	Henderson, (1915); Narapu Reddy (1995); Narapu Reddy and Krishna Murthy (1998); Mitra <i>et al.</i> (2010)
<i>Diogenes diogenes</i> (Herbst, 1791)	Odisha Coast	Reddy (1995a)
<i>Diogenes investigatoris</i> Alcock, 1905	Chilika Lake (Satapada)	Narapu Reddy (1995)
<i>Diogenes manaarensis</i> (Henderson, 1893)	Off Ganjam Coast	Annandale (1911)
<i>Diogenes miles</i> (Fabricius, 1787)	Chilika Lake (Rambha), Ganjam Coast	Henderson (1915); Kemp (1915a)
<i>Diogenes planimanus</i> Henderson, 1893	Odisha Coast, Subarnarekha Estuary (Udayapur)	Henderson, (1915); Reddy (1995a); Mitra <i>et al.</i> (2010)
Family Paguridae Latreille, 1802		
<i>Spiropagurus spiriger</i> (De Haan, 1849)	Odisha Coast	Reddy (1995a)
Infraorder Brachyura Linnaeus, 1758		
Brachyura incertae sedis		
<i>Euplax leptophthalmus</i> H. Milne Edwards, 1852	Chilika Lagoon (Barhampura, Mouth, Satapada,)	Kemp (1915a, 1919b); Deb (1995); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008)
Section Dromioidea de Haan, 1833		
Superfamily Dromioidea de Haan, 1833		
Family Dromiidae de Haan, 1833		
Subfamily Dromiinae de Haan, 1833		
<i>Lauridromia dehaani</i> (Rathbun, 1923)	Gopalpur Coast	Dev Roy and Bhadra (2005); Dev Roy (2008); Krishnamoorthy (2009)
<i>Lewindromia unidentata</i> (Rüppell, 1830)	Mangroves of Odisha	Dev Roy (2008)
<i>Conchoecetes artificiosus</i> (Fabricius, 1798)	Mangroves of Odisha	Dev Roy (2008)
Section Eubrachyura de Saint Laurent, 1980		
Subsection Raninoidea de Haan, 1839		
Superfamily Raninoidea de Haan, 1839		
Family Raninidae de Haan, 1839		
Subfamily Notopodinae Serène & Umali, 1972		
<i>Notopus dorsipes</i> (Linnaeus, 1758)	Odisha Coast	Deb (1998b)
Subsection Heterotremata Guinot, 1977		
Superfamily Dorippoidea Macleay, 1838		
Family Dorippidae Macleay, 1838		
<i>Dorippe quadridens</i> (Fabricius, 1793)	Mangroves of Odisha	Dev Roy (2008)
<i>Dorippoides facchino</i> (Herbst, 1785)	Mangroves of Odisha, Devi River, Gopalpur	Dev Roy and Bhadra (2005); Dev Roy (2008)
<i>Neodorippe callida</i> (Fabricius, 1798)	Mangroves of Odisha, Gopalpur	Dev Roy and Bhadra (2005); Dev Roy (2008)
<i>Paradorippe granulata</i> (De Haan, 1841)	Odisha Coast	Krishnamoorthy (2009)
Family Ethusidae Guinot, 1977		
<i>Ethusa indica</i> Alcock, 1894	Mangroves of Odisha, Mahanadi Estuary	Deb (1998a); Dev Roy (2008)
Superfamily Calappoidea Milne Edwards, 1837		
Family Calappidae Milne Edwards, 1837		
<i>Calappa japonica</i> Ortmann, 1892	Odisha Coast	Krishnamoorthy (2009)
<i>Calappa lophos</i> (Herbst, 1790)	Mangroves of Odisha, Gopalpur Coast	Dev Roy and Bhadra (2005); Dev Roy (2008); Krishnamoorthy (2009)
<i>Calappa pustulosa</i> Alcock, 1896	Ganjam Coast, Gopalpur	Deb (1998b); Dev Roy and Bhadra (2005); Krishnamoorthy (2009)
Superfamily Leucosioidea Samouelle, 1819		
Family Leucosiidae Samouelle, 1819		
Subfamily Ebalinae Stimpson, 1871		
<i>Arcania erinacea</i> (Fabricius, 1787)	Mangroves of Odisha	Dev Roy (2008)
<i>Arcania gracilis</i> Henderson, 1893	Mangroves of Odisha, Ganjam Coast	Dev Roy and Bhadra (2005); Dev Roy (2008); Krishnamoorthy (2009)
<i>Arcania septemspinosa</i> (Fabricius, 1787)	Mangroves of Odisha, Mahanadi Estuary, Gopalpur	Deb (1998b); Dev Roy and Bhadra (2005); Dev Roy (2008); Krishnamoorthy (2009)
<i>Arcania undecimspinosa</i> de Hann, 1841	Mangroves of Odisha, Gopalpur Coast	Dev Roy and Bhadra (2005); Dev Roy (2008); Krishnamoorthy (2009)
<i>Ixa inermis</i> Leach, 1817	Odisha Coast	Deb (1998b); Krishnamoorthy (2009)
<i>Myra affinis</i> Bell, 1855	Ganjam Coast	Krishnamoorthy (2009)
<i>Parilia alcocki</i> Wood-Mason & Alcock, 1891	Mahanadi Estuary	Dev Roy and Bhadra (2005); Krishnamoorthy (2009)
<i>Philyra alcocki</i> Kemp, 1915	Chilika Lake (Nalaban Wildlife Sanctuary, Rambha)	Kemp (1915a); Sewell and Annandale (1922); Deb (1995); Ramakrishna <i>et al.</i> (2006); Mohapatra <i>et al.</i> (2007b); Sahoo <i>et al.</i> (2008)
<i>Philyra corallicola</i> Alcock, 1896	Mangroves of Odisha, Konark, Puri	Nagabhushanam (1972); Dev Roy (2008)
<i>Philyra globus</i> (Fabricius, 1775)	Mangroves of Odisha, Gopalpur Coast	Dev Roy and Bhadra (2005); Dev Roy (2008); Krishnamoorthy (2009)

<i>Philyra malefactorix</i> (Kemp, 1915)	Chilika Lake (Rambha)	Kemp (1915a); Sewell and Annandale (1922); Deb (1995); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009)
<i>Philyra scabriuscula</i> (Fabricius, 1798)	Chilika Lake, Gopalpur Coast	Nagabhushanam (1972); Pattanaik (1993); Dev Roy and Bhadra (2005); Krishnamoorthy (2009)
<i>Ryphila verrucosa</i> (Henderson, 1893)	Mangroves of Odisha	Dev Roy (2008)
Family Matutidae De Hann, 1841		
<i>Ashtoret lunaris</i> (Forskål, 1775)	Mangroves of Odisha, Mahanadi Estuary, Chilika Lake, Gopalpur Coast, Bahuda Estuary (Antaraipur, Keutasunapur, Sorala, Sunapur)	Satpathy (1990); Deb (1998a); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a, 2007b); Dev Roy (2008); Sahoo <i>et al.</i> (2008); Rath and Dev Roy (2011)
<i>Ashtoret miersii</i> (Henderson, 1887)	Mahanadi Estuary	Deb (1998a); Dev Roy and Bhadra (2005); Krishnamoorthy (2009)
<i>Matuta planipes</i> Fabricius, 1798	Mangroves of Odisha, Mahanadi Estuary, Chilika lake, Gopalpur, Bahuda Estuary (Antaraipur, Keutasunapur, Sorala, Sunapur)	Deb (1995, 1998a); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a, 2007b); Dev Roy (2008); Sahoo <i>et al.</i> (2008); Rath and Dev Roy (2011)
<i>Matuta victor</i> (Fabricius, 1781)	Mangroves of Odisha, Mahanadi Estuary, Chilika Lake (Outer Channel)	Kemp (1915a); Dev Roy and Bhadra (2005); Dev Roy (2008)
Superfamily Majoidea Samouelle, 1819		
Family Epialtidae Macleay, 1838		
Subfamily Pisinae Dana, 1851		
<i>Hyastenus aries</i> (Latreille, 1825)	Odisha Coast	Krishnamoorthy (2009)
<i>Hyastenus diacanthus</i> (De Haan, 1839)	Odisha Coast, Mangroves of Odisha	Deb (1998b); Dev Roy (2008)
<i>Hyastenus hilgendorfi</i> de Man, 1887	Odisha Coast, Mangroves of Odisha	Dev Roy (2008)
<i>Hyastenus planasius</i> (Adams & White, 1848)	Odisha Coast, Mangroves of Odisha	Dev Roy (2008)
<i>Doclea canalifera</i> Stimpson, 1857	Odisha Coast	Deb (1998b); Krishnamoorthy (2009)
<i>Doclea muricata</i> (Herbst, 1788)	Mahanadi Estuary, Chilika Lake	Deb (1995); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008)
<i>Doclea ovis</i> (Fabricius, 1787)	Odisha Coast, Mangroves of Odisha	Deb (1998b); Dev Roy and Bhadra (2005); Dev Roy (2008); Krishnamoorthy (2009)
<i>Doclea risoni</i> Leach, 1815	Mangroves of Odisha, Mahanadi Estuary	Deb (1998a, 1998b); Dev Roy (2008)
<i>Phalangipus longipes</i> (Linnaeus, 1758)	Odisha Coast	Deb (1998b); Dev Roy and Bhadra (2005)
Family Inachidae Macleay, 1838		
<i>Achaeus lacertosus</i> Stimpson, 1858	Odisha Coast, Mangroves of Odisha	Dev Roy (2008)
<i>Encephaloides armstrongi</i> Wood-Mason & Alcock, 1891	Ganjam Coast	Dev Roy and Bhadra (2005)
Family Majidae Samouelle, 1819		
Subfamily Mithracinae Macleay, 1838		
<i>Micippa thalia</i> (Herbst, 1803)	Mangroves of Odisha	Dev Roy (2008)
Superfamily Hymenosomatoida Macleay, 1838		
Family Hymenosomatidae Macleay, 1838		
<i>Elamena cimex</i> Kemp, 1915	Chilika Lake (Barhampura Is., Outer Channel)	Kemp (1915a, 1917b); Deb (1995); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008)
Superfamily Parthenopoidea Macleay, 1838		
Family Aethridae Dana, 1851		
<i>Drachiella morum</i> (Alcock, 1896)	Odisha Coast	Deb (1998b)
Family Parthenopidae Macleay, 1838		
Subfamily Parthenopinae Macleay, 1838		
<i>Cryptopodia angulata</i> H. Milne Edwards & Lucas, 1841	Gopalpur Coast	Deb (1998b); Dev Roy and Bhadra (2005); Krishnamoorthy (2009)
<i>Cryptopodia fornicata</i> (Fabricius, 1787)	Odisha Coast	Krishnamoorthy (2009)
<i>Enoplolambus pransor</i> (Herbst, 1796)	Ganjam Coast	Deb (1998b)
<i>Parthenope longimanus</i> (Linnaeus, 1758)	Mangroves of Odisha, Gopalpur Coast	Dev Roy and Bhadra (2005); Dev Roy (2008)
Superfamily Portunoidae Rafinesque, 1815		
Family Portunidae Rafinesque, 1815		
Subfamily Podophthalminae Dana, 1851		
<i>Podophthalmus vigil</i> (Fabricius, 1798)	Chilika Lake, Gopalpur Coast	Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008)
Subfamily Portuninae Rafinesque, 1815		
<i>Portunus (Monomia) argentatus</i> (A. Milne-Edwards, 1861)	Chilika Lake	Krishnamoorthy (2009)
<i>Portunus (Portunus) pelagicus</i> (Linnaeus, 1758)	Mangroves of Odisha, Mahanadi Estuary, Chilika Lake (Outer Channel), and Sujansingani	Jenkins (1912); Kemp (1915a); Sewell and Annandale (1922); Jones (1954); Bhadra (1995, 1998); Deb (1995, 1998a); Dev Roy and Bhadra (2005); Nayak <i>et al.</i> (2005); Mohapatra <i>et al.</i> (2007a, 2007b); Dev Roy (2008); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009); Rath and Dev Roy (2011)
<i>Portunus (Portunus) sanguinolentus</i> (Herbst, 1783)	Mangroves of Odisha, Puri, Chilika Lake, Gopalpur Coast, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Jenkins (1912); Bhadra (1995, 1998); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a, 2007b); Dev Roy (2008); Sahoo <i>et al.</i> (2008); Rath and Dev Roy (2011)
<i>Portunus (Xiphonectes) gracillimus</i> (Stimpson, 1858)	Chilika Lake	Krishnamoorthy (2009)
<i>Portunus (Xiphonectes) hastatoides</i> Fabricius, 1798	Gopalpur Coast	Dev Roy and Bhadra (2005)
<i>Portunus (Xiphonectes) spinipes</i> (Miers, 1886)	Gopalpur Coast	Dev Roy and Bhadra (2005)
<i>Scylla serrata</i> (Forskål, 1775)	Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary (Kanamana), Chilika Lake (Nalaban Wildlife Sanctuary, Rambha), Rushikulya Estuary, Gopalpur Coast, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Kemp (1915a); Sewell and Annandale (1922); Jones and Sujansingani (1954); Satpathy (1990); Rama Rao <i>et al.</i> (1992); Bhadra (1995, 1998); Deb (1995, 1998a); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2005, 2007a, 2007b); Nayak <i>et al.</i> (2005); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2006); Satpathy and Mishra (2007); Dev Roy (2008, 2012); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009); Mitra <i>et al.</i> (2010); Rath and Dev Roy (2011)
<i>Scylla tranquebarica</i> (Fabricius, 1798)	Subarnarekha Estuary (Kirtania, Talsari), Chilika Lake	Mohapatra <i>et al.</i> (2005, 2007a, 2007b); Mitra and Misra (2006); Satpathy and Mishra (2007); Sahoo <i>et al.</i> (2008); Mitra <i>et al.</i> (2010)

Subfamily Thamitinae Paul' Son, 1875		
<i>Charybdis (Charybdis) affinis</i> Dana, 1852	Balasore Coast, Chandipur, Mahanadi Estuary, Puri, Rushikulya Estuary, Sunapur Mangroves of Odisha, Gopalpur Coast	Rama Rao <i>et al.</i> (1992); Bhadra (1995, 1998); Dev Roy and Bhadra (2005); Rath and Dev Roy (2011)
<i>Charybdis (Charybdis) annulata</i> (Fabricius, 1798)		Dev Roy and Bhadra (2005); Dev Roy (2008); Krishnamoorthy (2009)
<i>Charybdis (Charybdis) callianassa</i> (Herbst, 1789)	Chilika Lake, Gopalpur Coast	Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a, 2007b); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009)
<i>Charybdis (Charybdis) feriatia</i> (Linnaeus, 1758)	Mangroves of Odisha, Balasore Coast, Mahanadi Estuary, Puri, Chilika Lake (Outer Channel depth 4 to 6m), Off Ganjam Coast, Gopalpur Coast	Jenkins (1912); Bhadra (1995, 1998); Deb (1998a); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a, 2007b); Dev Roy (2008); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009)
<i>Charybdis (Charybdis) hellerii</i> (A. Milne-Edwards, 1867)	Mangroves of Odisha, Mahanadi Estuary, Gopalpur Coast, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Deb (1998a); Dev Roy and Bhadra (2005); Dev Roy (2008); Rath and Dev Roy (2011)
<i>Charybdis (Charybdis) natator</i> (Herbst, 1794)	Gopalpur	Krishnamoorthy (2009)
<i>Charybdis (Charybdis) riversandersoni</i> Alcock, 1899	Mahanadi Estuary	Deb (1998a)
<i>Charybdis (Charybdis) rostrata</i> (A. Milne-Edwards, 1861)	Chandipur	Bhadra (1995, 1998); Dev Roy and Bhadra (2005)
<i>Charybdis (Goniohellenus) hoplites</i> Wood-Mason, 1877	Gopalpur Coast, Mangroves of Odisha	Dev Roy and Bhadra (2005); Dev Roy (2008); Krishnamoorthy (2009)
<i>Charybdis (Goniohellenus) vadorum</i> Alcock, 1899	Odisha Coast	Bhadra (1995, 1998); Dev Roy and Bhadra (2005)
<i>Thalamita crenata</i> Rüppell, 1830	Mangroves of Odisha, Chilika Lake (Manikapatana), Rushikulya Estuary, Gopalpur Coast, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Kemp (1915a); Rama Rao <i>et al.</i> (1992); Deb (1995); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a, 2007b); Dev Roy (2008); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009); Rath and Dev Roy (2011)
Superfamily Xanthoidea Macleay, 1838		
Family Menippidae Ortmann, 1893		
<i>Epixanthus frontalis</i> (H. Milne Edwards, 1834)	Mangroves of Odisha	Dev Roy (2008)
Family Xanthidae Macleay, 1838		
Subfamily Kraussiinae Ng, 1993		
<i>Palapedia nitida</i> (Stimpson, 1858)	Mangroves of Odisha	Dev Roy (2008)
Subfamily Xanthinae Macleay, 1838		
<i>Demania armadillus</i> (Herbst, 1790)	Mahanadi Estuary	Deb (1998a)
<i>Demania scaberima</i> (Walker, 1887)	Mahanadi Estuary	Deb (1998a)
Superfamily Pilumnoidea Samouelle, 1819		
Family Galenidae Alcock, 1898		
Subfamily Galeninae Alcock, 1898		
<i>Galene bispinosa</i> (Herbst, 1783)	Mangroves of Odisha, Gopalpur Coast	Dev Roy and Bhadra (2005); Dev Roy (2008)
Family Pilumnidae Samouelle, 1819		
Subfamily Pilumninae Samouelle, 1819		
<i>Benthanope indica</i> (De Man, 1887)	Chilika Lake (Manikapatna, Outer Channel, Satapada)	Kemp (1915a); Deb (1995); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008); Sahoo <i>et al.</i> (2008)
<i>Eurycarcinus orientalis</i> A. Milne-Edwards, 1867	Mangroves of Odisha, Mahanadi Estuary	Dev Roy (2012)
Subsection Thoracotremata Guinot, 1977		
Superfamily Ocypodoidea Rafinesque, 1815		
Family Camptandriidae Stimpson, 1858		
<i>Baruna socialis</i> Stebbing, 1904	Chilika Lake (Outer Channel opposite Manikapatna)	Deb (1995); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008)
<i>Camptandrium sexdentatum</i> Stimpson, 1858	Chilika Lake (Barhampura, Outer Channel, Satapada)	Kemp (1915a); Deb (1995); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008)
Family Dotillidae Stimpson, 1858		
<i>Dotilla blanfordi</i> Alcock, 1900	Subarnarekha Estuary (Kankadapal, Kirtania, Talsari)	Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Dotilla intermedia</i> de Man, 1888	Mangroves of Odisha, Balasore Coast, Subarnarekha Estuary (Kirtania), Chandipur, Mahanadi Estuary (False Point), Chilika Lake (Outer Channel)	Kemp (1915a, 1919a); Gravely (1919); Bairagi (1995); Deb (1995); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008); Sahoo <i>et al.</i> (2010)
<i>Dotilla myctiroides</i> (H. Milne Edwards, 1852)	Mangroves of Odisha, Chilika Lake (Outer Channel)	Kemp (1915a, 1919a); Deb (1995); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009)
<i>Dotilla pertinax</i> Kemp, 1915	Puri, Chilika Lake (Outer Channel)	Kemp (1915a, 1919a); Deb (1995); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008)
<i>Dotillopsis brevitarsis</i> (De Man, 1888)	Mahanadi Estuary, Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Deb (1998a)
<i>Scopimera investigatoris</i> Alcock, 1900	Odisha Coast, Mangroves of Odisha, Chandipur, Mahanadi Estuary (False Point)	Gravely (1919); Kemp (1919a); Bairagi (1995); Dev Roy (2008)
Family Macrophthalmidae Dana, 1851		
Subfamily Macrophthalminae Dana, 1851		
<i>Macrophthalmus (Macrophthalmus) brevis</i> (Herbst, 1804)	Subarnarekha Estuary (Kirtania, Talsari)	Mitra <i>et al.</i> (2010)
<i>Macrophthalmus (Macrophthalmus) transversus</i> (Latreille, 1817)	Mangroves of Odisha, Subarnarekha Estuary (Talsari), Chandipur	Gravely (1919); Kemp (1919b); Bairagi (1995); Deb (1998b); Mitra and Misra (2006); Dev Roy (2008); Mitra <i>et al.</i> (2010)
<i>Macrophthalmus (Mareotis) depressus</i> Rüppell, 1830	Mahanadi Estuary, Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Deb (1998a)

<i>Macrophthalmus (Mareotis) tomentosus</i> Eydxou & Souleyet, 1842	Bahuda Estuary (Antaraipur)	Rath and Dev Roy (2011)
<i>Macrophthalmus (Paramareotis) erato</i> de Man, 1888	Odisha Coast, Mangroves of Odisha, Chandipur	Kemp (1919b); Bairagi (1995); Deb (1998b); Dev Roy (2008)
<i>Venitus dentipes</i> (Lucas, in Guérin Méneville, 1836)	Odisha Coast	Bairagi (1995); Deb (1998b)
Family Ocypodidae Rafinesque, 1815		
Subfamily Ocypodinae Rafinesque, 1815		
<i>Ocypode ceratophthalmus</i> (Pallas, 1772)	Subarnarekha Estuary (Talsari, Udayapur), Chandipur, Chilika Lake, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Bairagi (1995); Deb (1995, 1998b); Dev Roy and Bhadra (2005); Mitra and Misra (2006); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008, 2012); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009); Mitra <i>et al.</i> (2010); Rath and Dev Roy (2011)
<i>Ocypode cordimanus</i> Latreille, 1818	Mangroves of Odisha, Chandipur, Gopalpur Coast	Dev Roy and Bhadra (2005); Dev Roy (2008)
<i>Ocypode macrocera</i> H. Milne Edwards, 1852	Subarnarekha Estuary (Subarnapura, Talsari, Udayapur), Chandipur, Bhitarkanika, Mahanadi Estuary, Chilika Lake (Satapada), Rushikulya Estuary (Antaraipur, Sorala, Sunapur)	Kemp (1915a); Gravelly (1919); Rama Rao <i>et al.</i> (1992); Bairagi (1995); Deb (1995, 1998a); Dev Roy and Bhadra (2005); Mitra and Misra (2006); Mohapatra <i>et al.</i> (2007a, 2007b); Dev Roy (2008, 2012); Sahoo <i>et al.</i> (2008); Mitra <i>et al.</i> (2010); Rath and Dev Roy (2011)
<i>Ocypode platytarsis</i> H. Milne Edwards, 1852	Bhitarkanika, Konark, Puri, Chilika Lake (Manikapatna, Mouth of Outer Channel), Gopalpur	Kemp (1915a); Nagabhushanam (1972); Deb (1995); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008, 2012); Sahoo <i>et al.</i> (2008)
Subfamily Ucinae Dana, 1851		
<i>Uca (Austruca) annulipes</i> (H. Milne Edwards, 1837)	Mangroves of Odisha, Talsari, Subarnapura, Bhitarkanika, Mahanadi Estuary, Chilika Lake (Outer Channel), Rushikulya Estuary	Kemp (1915a); Rama Rao <i>et al.</i> (1992); Deb (1995, 1998a); Mitra and Misra (2006); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009); Dev Roy (2012)
<i>Uca (Austruca) lactea</i> (De Haan, 1835)	Mangroves of Odisha, Subarnarekha Estuary (Kankadapal, Kirtania), Mahanadi Estuary, Chilika Lake, Gopalpur, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Bairagi (1995); Deb (1998a); Dev Roy and Bhadra (2005); Dev Roy (2008); Mitra <i>et al.</i> (2010); Rath and Dev Roy (2011)
<i>Uca (Paraleptuca) triangularis</i> (A. Milne-Edwards, 1873)	Subarnarekha Estuary (Subarnapura, Talsari), Mahanadi Estuary, Bhitarkanika, Rushikulya Estuary, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Rama Rao <i>et al.</i> (1992); Deb (1998a); Mitra and Misra (2006); Mitra <i>et al.</i> (2010); Rath and Dev Roy (2011); Dev Roy (2012)
<i>Uca (Tubuca) acuta</i> (Stimpson, 1858)	Talsari, Mahanadi Estuary	Deb (1998a); Mitra and Misra (2006)
<i>Uca (Tubuca) dussumieri</i> (H. Milne Edwards, 1852)	Mangroves of Odisha, Odisha Coast, Subarnarekha Estuary (Kirtania, Talsari)	Deb (1998b); Dev Roy and Bhadra (2005); Dev Roy (2008); Mitra <i>et al.</i> (2010)
<i>Uca (Tubuca) rosea</i> (Tweedier, 1937)	Subarnarekha Estuary (Kirtania, Subarnapura, Talsari), Bhitarkanika, Mahanadi Estuary	Mitra and Misra (2006); Mitra <i>et al.</i> (2010); Dev Roy (2012)
Family Xenophthalmidae Stimpson, 1858		
Subfamily Xenophthalminae Stimpson, 1858		
<i>Neoxenophthalmus obscurus</i> (Henderson, 1893)	Mangroves of Odisha	Dev Roy (2008)
Superfamily Grapsoidae Macleay, 1838		
Family Gecarcinidae Macleay, 1838		
<i>Cardisoma carnifex</i> (Herbst, 1796)	Chilika Lake (Outer Channel, Manikapatana)	Kemp (1915a); Deb (1995); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008)
Family Grapsidae Macleay, 1838		
<i>Grapsus albolineatus</i> Latreille, in Milbert, 1812	Subarnarekha Estuary (Talsari), Mangroves of Odisha, Mahanadi Estuary	Deb (1998a); Dev Roy and Bhadra (2005); Dev Roy (2008); Mitra <i>et al.</i> (2010)
<i>Metopograpsus latifrons</i> (White, 1847)	Odisha Coast, Mangroves of Odisha	Ghosh (1995c, 1998a); Dev Roy (2008)
<i>Metopograpsus messor</i> (Forskål, 1775)	Mangroves of Odisha, Subarnarekha Estuary (Kirtania), Mahanadi Estuary (Kanamana), Chilika Lake, Sunapur	Deb (1995, 1998a); Ghosh (1995c, 1998a); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008, 2012); Sahoo <i>et al.</i> (2008); Krishnamoorthy (2009); Mitra <i>et al.</i> (2010); Rath and Dev Roy (2011)
<i>Pachygrapsus propinquus</i> de Man, 1908	Mangroves of Odisha, Chilika Lake (Outer Channel, Rambha)	Sewell and Annandale (1922); Deb (1995); Ghosh (1995c, 1998a); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008); Sahoo <i>et al.</i> (2008)
Family Plagusidae Dana, 1851		
<i>Plagusia squamosa</i> (Herbst, 1790)	Mahanadi Estuary, Chilika Lake (Outer Channel)	Kemp (1915a); Deb (1995, 1998a); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a, 2007b); Sahoo <i>et al.</i> (2008)
Family Sesarmidae Dana, 1851		
<i>Episesarma mederi</i> (H. Milne Edwards, 1853)	Mangroves of Odisha, Mahanadi Estuary (Kanamana), Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Deb (1998a); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008, 2012); Rath and Dev Roy (2011)
<i>Metasesarma obesum</i> (Dana, 1851)	Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Rath and Dev Roy (2011)
<i>Muradium tetragonum</i> (Fabricius, 1798)	Mangroves of Odisha, Mahanadi Estuary, Chilika Lake (Outer Channel near Manikapatna), Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Kemp (1915a); Deb (1995); Ghosh (1995c, 1998a); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008, 2012); Sahoo <i>et al.</i> (2008); Rath and Dev Roy (2011)
<i>Nanosesarma batavicum</i> (Moreira, 1903)	Mangroves of Odisha, Chilika Lake (Outer Channel near Manikapatna)	Kemp (1915a); Deb (1995); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008); Sahoo <i>et al.</i> (2008)

<i>Parasesarma plicatum</i> (Latreille, 1803)	Mangroves of Odisha, Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary (Kanamana), Chilika Lake, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Ghosh (1995c, 1998a); Deb (1998a); Dev Roy and Bhadra (2005); Mohapatra <i>et al.</i> (2007a, 2007b); Dev Roy (2008, 2012); Sahoo <i>et al.</i> (2008); Mitra <i>et al.</i> (2010); Rath and Dev Roy (2011)
<i>Perisesarma bidens</i> (De Haan, 1835)	Subarnapura near Talsari, Mahanadi Estuary, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Ghosh (1995c, 1998a); Deb (1998a); Rath and Dev Roy (2011); Dev Roy (2012)
<i>Sesarma plicatum</i> (Latreille, 1806)	Chilika Lake	Deb (1995); Mohapatra <i>et al.</i> (2007a); Sahoo <i>et al.</i> (2008)
Family Varunidae H. Milne Edwards, 1853		
Subfamily Cyclograpsinae H. Milne Edwards, 1853		
<i>Metaplex crenulata</i> (Gerstaecker, 1856)	Mangroves of Odisha, Subarnarekha Estuary (Talsari), Mahanadi Estuary	Deb (1998a); Dev Roy and Bhadra (2005); Dev Roy (2008); Mitra <i>et al.</i> (2010)
<i>Metaplex dentipes</i> (Heller, 1865)	Mangroves of Odisha, Subarnarekha Estuary (Kirtania, Talsari), Mahanadi river bank	Mitra and Misra (2006); Dev Roy (2008, 2012); Mitra <i>et al.</i> (2010)
<i>Metaplex distincta</i> H. Milne Edwards, 1852	Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Mitra <i>et al.</i> (2010); Rath and Dev Roy (2011); Dev Roy (2012)
<i>Metaplex indica</i> H. Milne Edwards, 1852	Mangroves of Odisha, Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary	Ghosh (1995c, 1998a); Deb (1998a); Dev Roy and Bhadra (2005); Dev Roy (2008); Mitra <i>et al.</i> (2010)
<i>Metaplex intermedia</i> de Man, 1888	Mangroves of Odisha, Chandipur	Ghosh (1995c, 1998a); Dev Roy and Bhadra (2005); Dev Roy (2008)
Subfamily Varuninae H. Milne Edwards, 1853		
<i>Ptychognathus onyx</i> Alcock, 1900	Mangroves of Odisha, Chilika Lake (Outer Channel)	Kemp (1915a); Deb (1995); Ghosh (1995c, 1998a); Mohapatra <i>et al.</i> (2007a); Dev Roy (2008); Sahoo <i>et al.</i> (2008)
<i>Varuna litterata</i> (Fabricius, 1798)	Mangroves of Odisha, Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary, Puri, Chilika Lake (Rambha), Rushikulya Estuary, Bahuda Estuary (Antaraipur, Sorala, Sunapur)	Kemp (1915a); Sewell and Annandale (1922); Rama Rao <i>et al.</i> (1992); Deb (1995, 1998a); Ghosh (1998a); Dev Roy and Bhadra (2005); Mitra and Estuary, Puri, Chilika Lake (Rambha), Misra (2006); Mohapatra <i>et al.</i> (2007a, 2007b); Dev Roy (2008, 2012); Sahoo <i>et al.</i> (2008); Mitra <i>et al.</i> (2010); Rath and Dev Roy (2011)

Table 16. Checklist of Tardigrada recorded from the Odisha coast

Phylum Tardigrada Doyère, 1840	Locality	References
Class Heterotardigrada Marcus, 1927		
Arthrotardigrada Marcus, 1927		
Family Batillipedidae Ramazzotti, 1962		
<i>Batillipes carnonensis</i> Fize, 1957	Konark, Puri, Gopalpur	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Family Stygarctidae Schulz, 1951		
<i>Stygarctus bradyopus</i> Schulz, 1951	Konark, Puri	Nagabhusanam (1972); Chandrasekhara Rao (1989)

Table 17. Checklist of Annelida recorded from the Odisha coast

Phylum Annelida Lamarck, 1809	Locality	References
Class Polychaeta Grube, 1850		
Subclass Scoleocida Rouse & Fauchald, 1997		
Family Capitellidae Grube, 1862		
<i>Barantolla sculpta</i> Southern, 1921	Chilika Lake (Barakul, Gorapur, Rambha)	Nageswara Rao (1995)
<i>Branchiocapitella singularis</i> Fauvel	Rushikulya Estuary	Rama Rao <i>et al.</i> (1992)
<i>Capitella capitata</i> (Fabricius, 1780)	Chilika Lake (Gorapur, Parikud, Satapada)	Nageswara Rao (1995)
<i>Heteromastus similis</i> Southern, 1921	Mahanadi Estuary, Chilika Lake (Harchandi River Mouth, Palur Canal Mouth, Parikud, Satapada), Rushikulya Estuary	Southern (1921); Rama Rao <i>et al.</i> (1992); Nageswara Rao (1995); Sivaleela and Venkataraman (2012)
<i>Notomastus giganteus</i> Moore, 1906	Off Puri	Fauvel (1932, 1953)
<i>Notomastus latericeus</i> Sars, 1851	Chilika Lake (Arakhakuda)	Nageswara Rao (1995)
<i>Parheteromastus tenuis</i> Monro, 1937	Subarnarekha Estuary, Rushikulya Estuary	Rama Rao <i>et al.</i> (1992)
<i>Pullia armata</i> Fauvel, 1929	Chilika Lake (Gorapur)	Nageswara Rao (1995)
Family Cossuridae Day, 1963		
<i>Cossura longocirrata</i> Webster & Benedict, 1887	Paradip	Ingole (2007)
Family Maldanidae Malmgren, 1867		
<i>Axiothella obockensis</i> (Gravier, 1905)	Chilika Lake (Arakhakuda, Barakuda, Parikud Island)	Nageswara Rao (1995)
<i>Euclymene annandalei</i> Southern, 1921	Subarnarekha Estuary (Talsari, Udayapur), Astaranga, Chilika Lake (Barakuda, Rambha)	Southern (1921); Fauvel (1953); Nageswara Rao (1995, 1998); Mitra <i>et al.</i> (2010)
<i>Maldane sarsi</i> Malmgren, 1865	Paradip	Ingole (2007)
<i>Sabaco elongatus</i> (Verrill, 1873)	Paradip	Ingole (2007)
Family Opheliidae Malmgren, 1867		
<i>Ophelina acuminata</i> Örsted, 1843	Odisha coast	Fauvel (1932, 1953)
<i>Travisia arborifera</i> Fauvel, 1932	Off Puri	Fauvel (1932)
<i>Travisia carnea</i> Verrill, 1873	Paradip	Ingole (2007)
Family Orbiniidae Hartman, 1942		
<i>Haploscoloplos kerguelensis</i> (McIntosh, 1885)	Mahanadi Estuary (Paradip)	Nageswara Rao (1998)
<i>Scoloplos (Scoloplos) marsupialis</i> (Southern, 1921)	Chilika Lake (Arakhakuda, Manikapatna Island)	Southern (1921); Fauvel (1953); Nageswara Rao (1995)
Family Paraonidae Cerruti, 1909		
<i>Aricidea (Acimia) lopezi</i> Berkeley & Berkeley, 1956	Chilika Lake (Nalabana Wildlife Sanctuary)	Nageswara Rao (1995); Ramakrishna <i>et al.</i> (2006)

Subclass Aciculata Rouse & Fauchald, 1997 incertae sedis

Order Eunicida Dales, 1962

Family Eunicidae Berthold, 1827

Eunice laticeps Ehlers, 1868*Marphysa corallina* (Kinberg, 1865)*Marphysa fallax* Marion & Bobretzky, 1875*Marphysa gravelyi* Southern, 1921*Marphysa macintoshi* Crossland, 1903*Marphysa mossambica* (Peters, 1855)*Marphysa sanguinea* (Montagu, 1815)

Family Lumbrineridae Schmarda, 1861

Lumbrineris heteropoda (Marenzeller, 1879)*Lumbrineris impatiens* Claparède, 1868*Lumbrineris polydesma* Southern, 1921*Lumbrineris simplex* Southern, 1921*Lumbrineris tetraura* (Schmarda, 1861)*Ninoe notocirrata* (Fauvel, 1932)

Family Onuphidae Kinberg, 1865

Diopatra cuprea (Bosc, 1802)*Diopatra neapolitana* Delle Chiaje, 1841*Diopatra variabilis* Southern, 1921*Hyalinoecia tubicola* (O.F. Müller, 1776)*Onuphis aucklandensis* Augner, 1924*Onuphis eremita* Audouin & Milne-Edwards, 1833

Order Amphinomida Lamarck, 1818

Family Amphinomidae Savigny In Lamarck, 1818

Amphinome rostrata (Kinberg, 1867)*Chloeia flava* (Pallas, 1766)*Chloeia parva* Baird, 1868*Chloeia rosea* Potts, 1909*Eurythoe parvecarunculata* Horst, 1912

Order Phyllococida Dales, 1962

Suborder Aphroditiformia Levinsen, 1883

Family Aphroditidae Malmgren, 1867

Aphrodita talpa Quatrefages, 1866

Family Polynoidae Malmgren, 1867

Augenerilepidonotus dictyolepis (Haswell, 1883)*Gaudichaudius cimex* (Quatrefages, 1866)*Harmothoe dictyophora* (Grube, 1878)*Lepidonotus jacksoni* Kinberg, 1855*Lepidonotus tenuisetosus* (Gravier, 1902)

Family Sigalionidae Malmgren, 1867

Euthalenessa digitata (McIntosh, 1885)*Pisione complexa* Alikunhi, 1947*Pisione gopali* (Alikunhi, 1941)*Pisionidens indica* (Aiyar & Alikunhi, 1940)

Puri

Gopalpur

Chilika Lake

Chilika Lake (Barakuda, Nalabana Wildlife Sanctuary, Palur canal), Gopalpur Creek

Mahanadi Estuary, Gopalpur

Chilika Lake

Gopalpur Creek

Subarnarekha Estuary (Kirtania, Talsari)

Puri, Ganjam Coast

Subarnarekha Estuary (Kirtania, Talsari), Chandipur, Talchua, Chilika Lake (Cheriyakuda Island, Rambha Bay)

Chilika Lake (Barakuda, Rambha), Gopalpur Creek

Mahanadi Estuary (Hukitola, Paradip), Astaranga

Subarnarekha Estuary (Talsari, Udayapur), Chandipur, Rushikulya Estuary

Chandipur, Subarnarekha Estuary (Kandapal, Talsari)

Chandipur, Mahanadi Estuary (Hukitola, Paradip), Astaranga, Puri, Chilika Lake (Nalabana Wildlife Sanctuary), Rushikulya Estuary

Chilika Lake (Rambha Bay)

Paradip

Off Puri

Gandhalba Beach near Konark, Puri

Puri

Konark

Balasore, Subarnarekha Estuary (Talsari), Chandipur

Subarnarekha Estuary

Mahanadi Estuary, Chilika Lake, Gopalpur

Odisha coast

Puri

Balasore, Chandipur, Off Paradip

Ganjam Coast

Ganjam Coast

Subarnarekha Estuary, Mahanadi Estuary, Off Puri

Off Puri

Konark, Puri, Gopalpur, Bahuda Estuary

Bahuda Estuary

Puri, Rushikulya Estuary

Nagabhushanam and Chandrasekhara Rao (1969); Pattanaik (1993)

Soota and Rao (1977)

Nageswara Rao (1995)

Southern (1921); Fauvel (1953); Satpathy (1990); Nageswara Rao (1995); Ramakrishna *et al.* (2006)

Julka and Nageswara Rao (1976); Soota and Rao (1977)

Julka and Nageswara Rao (1976); Nageswara Rao (1995)

Satpathy (1990)

Mitra and Misra (2006); Mitra *et al.* (2010)

Fauvel (1932, 1953); Nagabhushanam and Chandrasekhara Rao (1969)

Southern (1921, 1953); Soota and Rao (1977); Misra *et al.* (1987); Rao (1987); Nageswara Rao (1995); Misra (1998);Mitra *et al.* (2010)

Southern (1921); Fauvel (1953); Rao (1987); Satpathy (1990); Nageswara Rao (1995); Sivaleela and Venkataraman (2012)

Nageswara Rao (1998)

Fauvel (1932, 1953); Julka and Nageswara Rao (1976); Rama Rao *et al.* (1992); Misra (1998); Mitra *et al.* (2010)Misra *et al.* (1987); Misra (1998); Mitra and Misra (2006); Mitra *et al.* (2010)Fauvel (1932, 1953); Julka and Nageswara Rao (1976); Soota and Rao (1977); Rama Rao *et al.* (1992); Nageswara Rao (1995, 1998); Ramakrishna *et al.* (2006)

Southern (1921)

Ingole (2007)

Fauvel (1932)

Nagabhushanam and Chandrasekhara Rao (1969); Soota and Rao (1977); Misra *et al.* (1987)

Fauvel (1953)

Nagabhushanam and Chandrasekhara Rao (1969)

Fauvel (1932, 1953); Misra (1998); Mitra and Misra (2006); Mitra *et al.* (2010)Mitra *et al.* (2010)

Fauvel (1932, 1953); Julka and Nageswara Rao (1976); Soota and Rao (1977)

Misra *et al.* (1987)

Soota and Rao (1977)

Fauvel (1932, 1953); Soota and Rao (1977); Misra *et al.* (1987); Misra (1998)

Fauvel (1932, 1953)

Fauvel (1932)

Fauvel (1932, 1953); Julka and Rao (1976); Misra (1998); Mitra *et al.* (2010); Sivaleela and Venkataraman (2012)

Fauvel (1932, 1953); Misra (1998)

Nagabhushanam and Chandrasekhara Rao (1969); Rao (1969); Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati *et al.* (2009b)

Nagabhushanam and Chandrasekhara Rao (1969); Chandrasekhara Rao (1989)

Nagabhushanam and Chandrasekhara Rao (1969); Chandrasekhara Rao (1989); Rama Rao *et al.* (1992)

Suborder Glyceriformia Fauchald, 1977		
Family Glyceridae Grube, 1850		
<i>Glycera alba</i> (O.F. Müller, 1776)	Talsari, Kasafal, Chandipur, Mahanadi Estuary (Paradip), Konark, Puri, Rushikulya Estuary, Ganjam Coast, Gopalpur Creek	Fauvel (1932, 1953); Nagabhushanam and Chandrasekhara Rao (1969); Misra <i>et al.</i> (1987); Satpathy (1990); Rama Rao <i>et al.</i> (1992); Pattanaik (1993); Nageswara Rao (1998); Mitra and Misra (2006)
<i>Glycera capitata</i> Örsted, 1843	Paradip	Fauvel (1932); Misra <i>et al.</i> (1987); Ingole (2007)
<i>Glycera lancadivae</i> Schmarida, 1861	Chandipur (Bank of Budhabalanga River), Konark, Puri, Rushikulya Estuary, Gopalpur (South of Light House)	Nagabhushanam and Chandrasekhara Rao (1969); Nagabhushanam (1972); Soota and Rao (1977); Misra <i>et al.</i> (1987); Rama Rao <i>et al.</i> (1992); Misra (1998); Pati <i>et al.</i> (2009b)
<i>Glycera longipinnis</i> Grube, 1878	Subarnarekha Estuary (Talsari), Mahanadi Estuary (Hukitola, Paradip)	Nageswara Rao (1998); Mitra <i>et al.</i> (2010)
<i>Glycera tessellata</i> Grube, 1840	Subarnarekha Estuary (Talsari), Chandipur, Off Puri, Gopalpur	Fauvel (1932, 1953); Misra <i>et al.</i> (1987); Misra and Chakraborty (1991); Misra (1998); Pati <i>et al.</i> (2009b); Mitra <i>et al.</i> (2010)
<i>Glycera tridactyla</i> Schmarida, 1861	Subarnarekha Estuary (Kirtania, Talsari), Konark, Puri, Ganjam Coast	Misra (1998); Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Glycera unicornis</i> Savigny in Lamarck, 1818	Chandipur, Mahanadi Estuary (Paradip), Astaranga	Fauvel (1932); Misra <i>et al.</i> (1987); Misra (1998); Nageswara Rao (1998)
Family Goniadidae Kinberg, 1866		
<i>Glycinde oligodon</i> Southern, 1921		
<i>Goniadides aciculata</i> Hartmann-Schorder, 1960	Chilika Lake (Nalabana Wildlife Sanctuary, Parikud)	Southern (1921); Fauvel (1953); Nageswara Rao (1995); Ramakrishna <i>et al.</i> (2006)
Family Hesionidae Grube, 1850		
<i>Hesione pantherina</i> Risso, 1826	Chilika Lake	Fauvel (1932, 1953)
<i>Hesione splendida</i> Savigny in Lamarck, 1818	Chilika Lake	Misra (1998)
<i>Hesionides arenaria</i> Friedrich, 1937	Konark, Puri, Gopalpur, Bahuda Estuary	Nagabhushanam and Chandrasekhara Rao (1969); Rao (1969); Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Hesionides gohari</i> Hartmann-Schroder, 1960	Konark, Puri, Gopalpur	Nagabhushanam and Chandrasekhara Rao (1969); Rao (1969); Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Hesionides minima</i> Westheide & Rao, 1977	Puri	Chandrasekhara Rao (1989)
<i>Hesionides similis</i> Chandrasekhara-Rao, 1978	Mahanadi Estuary (Hukitola, Paradip), Astaranga, Chilika Lake, Gopalpur	Fauvel (1953); Chandrasekhara Rao (1978, 1989); Nageswara Rao (1998); Pati <i>et al.</i> (2009b)
<i>Microphthalmus urofimbriata</i> Alikuhni, 1943	Puri	Nagabhushanam and Chandrasekhara Rao (1969); Chandrasekhara Rao (1989)
<i>Ophiodromus angustifrons</i> (Grube, 1878)	Chilika Lake	Chandrasekhara Rao (1995)
Family Paralacydoniidae Pettibone, 1963		
<i>Paralacydonia paradoxa</i> Fauvel, 1913	Paradip	Ingole (2007)
Suborder Nereidiformia Benham, 1894		
Family Nereididae Blainville, 1818		
<i>Alitta succinea</i> (Leuckart, 1847)	Mahanadi Estuary (Paradip)	Julka and Nageswara Rao (1976); Nageswara Rao (1998)
<i>Ceratonereis (Composetia) burmensis</i> (Monro, 1937)	Rushikulya Estuary, Subarnarekha Estuary	Rama Rao <i>et al.</i> (1992); Mitra <i>et al.</i> (2010)
<i>Ceratonereis (Composetia) flagellipes</i> (Fauvel, 1932)	Ganjam Coast	Fauvel (1953)
<i>Dendronereides gangetica</i> Misra, 1999	Subarnarekha Estuary (Talsari)	Mitra <i>et al.</i> (2010)
<i>Dendronereides heteropoda</i> Southern, 1921	Subarnarekha Estuary (Talsari), Chandipur, Budhabalanga River, Mahanadi Estuary (Paradip), Astaranga	Soota and Rao (1977); Misra <i>et al.</i> (1987); Misra (1998); Nageswara Rao (1998); Mitra <i>et al.</i> (2010)
<i>Dendronereis aestuarina</i> Southern, 1921	Subarnarekha Estuary (Talsari), Astaranga, Chilika Lake (Rambha Estuary)	Rao (1987); Nageswara Rao (1998); Mitra <i>et al.</i> (2010)
<i>Dendronereis arborifera</i> Peters, 1854	Chandipur, Bhitarkanika, Mahanadi Estuary (Paradip)	Soota and Rao (1977); Misra <i>et al.</i> (1987); Nageswara Rao (1998)
<i>Dendronereis dayi</i> Misra, 1999	Bhitarkanika	Misra (1998)
<i>Leonnates persicus</i> Wessenberg-Lund, 1949	Bhitarkanika	Soota and Rao (1977)
<i>Lycastonereis indica</i> Nageswara Rao, 1981	Subarnarekha Estuary (Kirtania), Chandbali, Baitarani River Beach	Nageswara Rao (1981); Misra (1998); Mitra <i>et al.</i> (2010)
<i>Namalycastis fauveli</i> Nageswara Rao, 1981	Subarnarekha Estuary, Haripur, Chandbali, Baitarani River Beach, Mahanadi Estuary (Paradip), Astaranga, Chilika Lake	Nageswara Rao (1981, 1995, 1998); Glasby (1999); Mitra <i>et al.</i> (2010)
<i>Namalycastis indica</i> (Southern, 1921)	Subarnarekha Estuary, Mahanadi Estuary (Paradip, Gangolia), Chilika Lake (Barakuda, Bhasra Island, Kesapur, Maladeikuda, Nalabana Wildlife Sanctuary)	Southern (1921); Fauvel (1953); Misra <i>et al.</i> (1987); Nageswara Rao (1995, 1998); Misra (1998); Glasby (1999); Ramakrishna <i>et al.</i> (2006); Mitra <i>et al.</i> (2010)
<i>Neanthes chilkaensis</i> (Southern, 1921)	Chilika Lake (Arakhakuda, Barakuda Island, Barkul, Gopakuda, Kalijai Island, Maladeikuda, Nalabana Wildlife Sanctuary, Pathara, Rambha Estuary), Gopalpur Creek	Southern (1921); Fauvel (1932, 1953); Sarma <i>et al.</i> (1979a); Misra <i>et al.</i> (1987); Rao (1987); Satpathy (1990); Nageswara Rao (1995); Ramakrishna <i>et al.</i> (2006)
<i>Neanthes chingrighattensis</i> (Fauvel, 1932)	Chandipur, Mahanadi Estuary (Gangolia, Paradip)	Soota and Rao (1977); Misra (1998); Nageswara Rao (1998)
<i>Neanthes glandicincta</i> (Southern, 1921)	Mahanadi Estuary (Hukitola, Paradip), Devi River Mouth, Chilika Lake	Julka and Nageswara Rao (1976); Nageswara Rao (1995, 1998); Misra (1998)
<i>Neanthes indica</i> (Kinberg, 1866)	Chandipur, Mahanadi Estuary, Gopalpur	Julka and Rao (1976); Misra <i>et al.</i> (1987); Pati <i>et al.</i> (2009b)
<i>Neanthes reducta</i> (Southern, 1921)	Baitarani Estuary, Chilika Lake (Arakhakuda), Rushikulya Estuary	Southern (1921); Fauvel (1953); Rama Rao <i>et al.</i> (1992); Nageswara Rao (1995)
<i>Neanthes willeyi</i> (Day, 1934)	Puri	Soota and Rao (1977)
<i>Nereis aiubhitensis</i> (Grube, 1878)	Mahanadi Estuary	Julka and Nageswara Rao (1976)

<i>Nereis persica</i> Fauvel, 1911	Chandipur, Chilika Lake, Gopalpur	Misra <i>et al.</i> (1987); Nageswara Rao (1995); Pati <i>et al.</i> (2009b)
<i>Nereis (Neanthes) operta</i> (Stimpson, 1856)	Mahanadi Estuary	Julka and Nageswara Rao (1976)
<i>Perinereis cultrifera</i> (Grube, 1840)	Subarnarekha Estuary (Talsari), Mahanadi Estuary, Gopalpur	Julka and Nageswara Rao (1976); Misra <i>et al.</i> (1987); Misra and Chakraborty (1991); Mitra <i>et al.</i> (2010)
<i>Perinereis marionii</i> (Audouin & Milne Edwards, 1833)	Chilika Lake (Rambha Bay)	Rao (1987)
<i>Perinereis nigropunctata</i> (Horst, 1889)	Mahanadi Estuary (Hukitola, Paradip), Chilika Lake (Arakhakuda), Gopalpur	Southern (1921); Fauvel (1953); Julka and Nageswara Rao (1976); Misra <i>et al.</i> (1987); Nageswara Rao (1995, 1998); Misra (1998); Pati <i>et al.</i> (2009b)
<i>Perinereis nuntia</i> (Savigny in Lamarck, 1818)	Chandipur, Mahanadi Estuary (Gangolia, Paradip)	Fauvel (1932); Misra and Chakraborty (1991); Nageswara Rao (1998)
<i>Perinereis nuntia typica</i> (Grube, 1857)	Chandipur	Fauvel (1953)
<i>Perinereis vancaurica</i> (Ehlers, 1868)	Mahanadi Estuary	Julka and Nageswara Rao (1976)
<i>Pseudonereis variegata</i> (Grube, 1857)	Gopalpur	Soota and Rao (1977); Misra <i>et al.</i> (1987); Pati <i>et al.</i> (2009b)
<i>Tylonereis bogoyawlenskyi</i> Fauvel, 1911	Chandipur, Mahanadi Estuary (Hukitola, Paradip)	Misra <i>et al.</i> (1987); Nageswara Rao (1998)
<i>Tylonereis fauveli</i> Southern, 1921	Chilika Lake	Southern (1921)
Family Pilargidae De Saint-Joseph, 1899		
<i>Hermundura annandalei</i> (Fauvel, 1932)	Subarnarekha Estuary, Chandbali, Baitarani River, Talchua, Mahanadi Estuary (Paradip), Astaranga Chilika Lake (Nalabana Wildlife Sanctuary), Rushikulya Estuary	Soota and Rao (1977); Misra (1998); Nageswara Rao (1998); Mitra <i>et al.</i> (2010)
<i>Sigambra constricta</i> (Southern, 1921)		Southern (1921); Fauvel (1953); Rao (1987); Rama Rao <i>et al.</i> (1992); Nageswara Rao (1995); Misra (1998); Ramakrishna <i>et al.</i> (2006); Sivaleela and Venkataraman (2012)
<i>Synelmis rigida</i> (Fauvel, 1919)	Odisha coast	Fauvel (1932)
Family Syllidae Grube, 1850		
<i>Autolytus orientalis</i> Willey, 1905	Chandipur	Fauvel (1932, 1953)
<i>Eusyllis homocirrhata</i> Hartmann-Schroder, 1958	Konark, Puri, Bahuda Estuary	Nagabhushanam and Chandrasekhara Rao (1969); Rao (1969); Chandrasekhara Rao (1989)
<i>Neopetitia amphophthalma</i> (Siewing, 1956)	Konark, Puri, Gopalpur, Bahuda Estuary	Nagabhushanam and Chandrasekhara Rao (1969); Rao (1969); Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Salvatoria neapolitana</i> (Goodrich, 1930)	Puri, Bahuda Estuary	Chandrasekhara Rao (1989)
<i>Sphaerosyllis bengalensis</i> Chandrasekhara Rao & Ganapati, 1966	Konark, Puri	Nagabhushanam and Chandrasekhara Rao (1969); Rao (1969); Chandrasekhara Rao (1989)
<i>Sphaerosyllis minima</i> Hartmann-Schroder, 1960	Gopalpur	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Syllis cornuta</i> Rathke, 1843	Bahuda Estuary	Chandrasekhara Rao (1989)
<i>Syllis variegata</i> Grube, 1860	Puri, Gopalpur, Bahuda Estuary	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Suborder Phyllocociformia Levensen, 1883		
Family Phyllococidae Örsted, 1843		
<i>Eteone flava</i> (Fabricius, 1780)	Budhabalanga Estuary, Chandipur, Paradip, Puri	Soota and Rao (1977); Ingole (2007)
<i>Eteone ornata</i> Grube, 1878	Subarnarekha Estuary (Talsari)	Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Eteone trilineata</i> Webster & Benedict, 1887	Paradip	Soota and Rao (1977); Ingole (2007)
<i>Eulalia viridis</i> (Linnaeus, 1767)	Rushikulya Estuary	Rama Rao <i>et al.</i> (1992)
<i>Eumida sanguinea</i> (Örsted, 1843)	Mahanadi Estuary, Astaranga, Puri	Soota and Rao (1977); Nageswara Rao (1998)
<i>Hesionura elongata</i> (Southern, 1914)	Puri, Bahuda Estuary	Nagabhushanam and Chandrasekhara Rao (1969); Rao (1969); Chandrasekhara Rao (1989)
<i>Hypereteone barantollae</i> (Fauvel, 1932)	Subarnarekha Estuary (Talsari), Bhitarkanika, Astaranga	Soota and Rao (1977); Misra (1998); Nageswara Rao (1998); Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Phyllococe madeirensis</i> Langerhans, 1880	Bhitarkanika	Soota and Rao (1977); Misra (1998)
Phyllococida incertae sedis		
Family Nephthyidae Grube, 1850		
<i>Aglaophamus dibranchis</i> (Grube, 1877)	Astaranga	Fauvel (1953); Nageswara Rao (1998)
<i>Nephtys gravieri</i> Augener, 1913	Off Puri	Fauvel (1953)
<i>Nephtys oligobranchia</i> Southern, 1921	Chandipur, Baitarani River, Bhitarkanika, Mahanadi Estuary (Paradip), Chilika Lake (Nalabana Wildlife Sanctuary, Rambha)	Southern (1921); Fauvel (1953); Soota and Rao (1977); Misra <i>et al.</i> (1987); Nageswara Rao (1995, 1998); Misra (1998); Ramakrishna <i>et al.</i> (2006)
<i>Nephtys picta</i> Ehlers, 1868	Mahanadi Estuary, Paradip, Chilika Lake	Ingole (2007)
<i>Nephtys polybranchia</i> Southern, 1921	Chilika Lake (Nalabana Wildlife Sanctuary), Rambha Estuary)	Southern (1921); Fauvel (1953); Rao (1987); Nageswara Rao (1995); Misra (1998); Ramakrishna <i>et al.</i> (2006)
Subclass Canalipalpata Rouse & Fauchald, 1997 incertae sedis		
Order Sabellida Dales, 1962		
Family Fabriciidae Rioja, 1923		
<i>Fabricia sabella</i> (Ehrenberg, 1837)	Paradip	Ingole (2007)
Family Oweniidae Rioja, 1917		
<i>Myriochele heeri</i> Malmgren, 1867	Paradip	Southern (1921); Ingole (2007)
<i>Myriochele picta</i> Southern, 1921	Chilika Lake (Kalijai, Rambha Estuary)	Southern (1921); Fauvel (1953); Rao (1987); Sivaleela and Venkataraman (2012)
<i>Owenia fusiformis</i> Delle Chiaje, 1844	Chandipur, Mahanadi Estuary (Paradip)	Soota and Rao (1977); Misra <i>et al.</i> (1987); Misra and Chakraborty (1991); Misra (1998); Nageswara Rao (1998)

Family Sabellariidae Johnston, 1865		
<i>Sabellaria vulgaris</i> Verrill, 1873	Paradip	Ingole (2007)
Family Sabellidae Latreille, 1825		
<i>Fabriciola spongicola</i> (Southern, 1921)	Chilika Lake	Southern (1921); Fauvel (1953); Sarma <i>et al.</i> (1979a)
<i>Laonome indica</i> Southern, 1921	Mahanadi Estuary (Paradip), Chilika Lake (Nalabana Wildlife Sanctuary, Satapada), Rushikulya Estuary	Southern (1921); Fauvel (1932, 1953); Rama Rao <i>et al.</i> (1992); Nageswara Rao (1995, 1998); Ramakrishna <i>et al.</i> (2006)
Family Serpulidae Rafinesque, 1815		
<i>Ficopomatus macrodon</i> Southern, 1921	Chilika Lake	Misra (1998)
<i>Hydroides exaltatus</i> (Marenzeller, 1885)	Chandipur	Misra <i>et al.</i> (1987)
<i>Hydroides diramphus</i> Mörch, 1863	Off Ganjam Coast, Off Gopalpur	Annandale (1911); Jenkins (1912)
<i>Serpula vermicularis</i> Linnaeus, 1767	Odisha coast	Fauvel (1932, 1953)
Order Spionida sensu Rouse & Fauchald, 1997		
Family Chaetopteridae Audouin & Milne Edwards, 1833		
<i>Phyllochaetopterus socialis</i> Claparède, 1869	Chandipur	Fauvel (1932, 1953)
Suborder Spioniformia Soderstrom, 1900		
Family Magelonidae Cunningham & Ramage, 1888		
<i>Magelona cincta</i> Ehlers, 1908	Mahanadi Estuary (Paradip)	Nageswara Rao (1998)
<i>Magelona rosea</i> Moore, 1907	Mahanadi Estuary (Paradip)	Ingole (2007)
Family Poecilochaetidae Hannerz, 1956		
<i>Poecilochaetus serpens</i> Allen, 1904	Rushikulya Estuary	Rama Rao <i>et al.</i> (1992)
Family Spionidae Grube, 1850		
<i>Dipolydora coeca</i> (Oersted, 1843)	Astaranga	Nageswara Rao (1998)
<i>Laonice cirrata</i> (M. Sars, 1851)	Off Puri	Fauvel (1932, 1953)
<i>Malacoceros indicus</i> (Fauvel, 1928)	Chandipur, Rushikulya Estuary	Misra <i>et al.</i> (1987); Rama Rao <i>et al.</i> (1992)
<i>Polydora ciliata</i> (Johnston, 1838)	Chandipur, Talchua	Fauvel (1932, 1953); Soota and Rao (1977); Misra <i>et al.</i> (1987)
<i>Polydora hornelli</i> Willey, 1905	Chilika Lake	Southern (1921); Fauvel (1953)
<i>Prionospio cirrifera</i> Wirén, 1883	Chilika Lake (Barkul, Gorapur, Nalabana Wildlife Sanctuary, Satapada), Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Nageswara Rao (1995); Ramakrishna <i>et al.</i> (2006)
<i>Prionospio krusadensis</i> Fauvel, 1929	Konark	Nagabhushanam and Chandrasekhara Rao (1969)
<i>Prionospio pinnata</i> Ehlers, 1901	Paradip	Ingole (2007)
<i>Scolecopsis (Scolecopsis) squamata</i> (O.F. Muller, 1806)	Rushikulya Estuary, Konark	Fauvel (1932); Rama Rao <i>et al.</i> (1992)
<i>Streblospio benedicti</i> Webster, 1879	Paradip	Ingole (2007)
Family Trochochaetidae Pettibone, 1963		
<i>Trochochaeta orissae</i> (Fauvel, 1932)	Off Puri	Fauvel (1932, 1953)
Order Terebellida sensu Rouse & Fauchald, 1997		
Suborder Cirratulimorpha Mensil, 1899		
Family Cirratulidae Carus, 1863		
<i>Cirriformia filigera</i> (Delle Chiaje, 1828)	Paradip	Ingole (2007)
<i>Tharyx multifilis</i> Moore, 1909	Chandbali, Hariपुर, Baitarani River	Soota and Rao (1977)
Family Sternaspidae Carus, 1863		
<i>Sternaspis scutata</i> Ranzani, 1817	Chilika Lake, Ganjam Coast	Southern (1921); Fauvel (1932, 1953); Misra (1998)
Suborder Terebellomorpha Hempelmann, 1934		
Family Ampharetidae Malmgren, 1866		
<i>Amagete bioculata</i> (Moore, 1906)	Mahanadi Estuary (Paradip), Off Puri, Chilika Lake (Satapada)	Fauvel (1932, 1953); Nageswara Rao (1995, 1998)
<i>Amphicteis gunneri</i> (M. Sars, 1835)	Odisha Coast	Fauvel (1932, 1953)
<i>Hobsonia florida</i> (Hartman, 1951)	Paradip	Ingole (2007)
<i>Isolda pulchella</i> Müller in Grube, 1858	Astaranga	Nageswara Rao (1998)
<i>Melinna aberrans</i> Fauvel, 1932	Astaranga	Nageswara Rao (1998)
Family Terebellidae Johnston, 1846		
<i>Amphitrite cirrata</i> (O. F. Müller, 1771 in 1776)	Paradip	Ingole (2007)
<i>Janice socialis</i> (Willey, 1905)	Chandipur	Misra <i>et al.</i> (1987)
<i>Loimia medusa</i> (Savigny in Lamarck, 1818)	Subarnarekha Estuary (Talsari), Kasafal, Chandipur, Astaranga, Sonadhara, Chilika Lake (Arakhakuda), Rushikulya Estuary	Nagabhushanam and Chandrasekhara Rao (1969); Misra <i>et al.</i> (1987); Rama Rao <i>et al.</i> (1992); Nageswara Rao (1995, 1998); Misra (1998); Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Polycirrus eximius</i> (Leidy, 1855)	Paradip	Ingole (2007)
<i>Streblosoma persica</i> (Fauvel, 1908)	Konark (Chandrabhaga Marine Drive)	Misra <i>et al.</i> (1987)
<i>Terebella ehrenbergi</i> Gravier, 1906	Mahanadi Estuary (Hukitola, Paradip)	Nageswara Rao (1998)
Family Trichobranchidae Malmgren, 1866		
<i>Terebellides stroemii</i> Sars, 1835	Ganjam Coast	Fauvel (1932, 1953)
Polychaeta incertae sedis		
Family Dinophilidae Schultz 1902		
<i>Dinophilus gyrotiliatus</i> O. Schmidt, 1857	Paradip, Gopalpur	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Trilobodrillus indicus</i> Chandrasekhara Rao, 1973	Puri	Chandrasekhara Rao (1989)
Family Diurodrilidae Kristensen & Niilonen, 1982		
<i>Diurodrillus benazzii</i> Gelach, 1952	Konark, Puri	Nagabhushanam (1972); Chandrasekhara Rao (1989)
Family Nerillidae Levinsen, 1883		
<i>Nerilla antennata</i> Schmidt, 1927	Gopalpur	Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Family Polygordiidae Czerniavsky, 1881		
<i>Polygordius madrasensis</i> Aiyar & Alikunhi, 1944	Konark, Puri, Gopalpur, Bahuda Estuary	Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Polygordius uroviridis</i> Aiyar & Alikunhi, 1944	Puri	Chandrasekhara Rao (1989)

Family Protodrilidae Czerniavsky, 1881			
<i>Protodrilus indicus</i> Aiyar & Alikunhi, 1944	Konark, Puri, Gopalpur, Bahuda Estuary		Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Protodrilus pierantonii</i> Aiyar & Alikunhi, 1944	Konark, Puri, Gopalpur, Bahuda Estuary		Nagabhushanam (1972); Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
Family Saccocirridae Czerniavsky, 1881			
<i>Saccocirrus cirratus</i> Aiyar & Alikunhi, 1944	Bahuda Estuary		Chandrasekhara Rao (1989)
<i>Saccocirrus minor</i> Aiyar & Alikunhi, 1944	Konark, Puri, Gopalpur, Bahuda Estuary		Chandrasekhara Rao (1989); Pati <i>et al.</i> (2009b)
<i>Saccocirrus orientalis</i> Alikunhi, 1940	Puri, Gopalpur		Chandrasekhara Rao (1989)
Class Clitellata Michaelsen, 1919			
Order Crassiclitellata Jamieson, 1888			
Family Megascolecidae Rosa, 1891			
<i>Pontodrilus ephippiger</i> Rosa, 1898	Chilika Lake (Ghantasila), Ganjam Coast		Stephenson (1914)
<i>Pontodrilus litoralis</i> (Grube, 1855)	Subarnarekha Estuary (Kirtania), Chilika Lake (Outer Channel, Rambha)		Stephenson (1915); Sewell and Annandale (1922); Mitra <i>et al.</i> (2010)
Order Enchytraeida Vejdovsky, 1879			
Family Enchytraeidae Vejdovsky, 1879			
<i>Stephensoniella marina</i> (Moore, 1902)	Chilika Lake (Barakuda, Rambha), Ganjam Coast		Stephenson (1915); Sewell and Annandale (1922)
Order Haplotaenidae Michaelsen, 1900			
Family Tubificidae Vejdovsky, 1884			
<i>Monopylephorus parvus</i> Ditlevsen, 1904	Chilika Lake (Barakuda Is., Rambha)		Stephenson (1917); Sewell and Annandale (1922)
Order Rhynchobdellida Blanchard, 1894			
Family Glossiphoniidae Vaillant, 1850			
<i>Glossiphonia ceylonensis</i> (Harding)?	Chilika Lake (Rambha)		Sewell and Annandale (1922)
<i>Glossiphonia heteroclita</i> (Linnaeus, 1761)	Chilika Lake (Rambha)		Sewell and Annandale (1922)
Family Piscicolidae Johnston, 1865			
<i>Pontobdella aculeata</i> Harding, 1924	Mahanadi Estuary		Pattanayak and Haldar (1998)

Table 18. Checklist of Echiura recorded from the Odisha coast

Phylum Echiura Newby, 1940*	Locality	References
Class Echiuroidea Sedgwick, 1898		
Order Echiurida Savigny, 1817		
Family Echiuridae de Blainville, 1827		
Subfamily Thalassetinae Monro, 1927		
<i>Anelassorhynchus branchiorhynchus</i> (Annandale & Kemp, 1915)	Chandipur	Gravelly (1919); Prashad (1919); Haldar (1995a, 1995b, 1998)
<i>Anelassorhynchus dendrorhynchus</i> (Annandale & Kemp, 1915)	Chilika Lake (Northern Part)	Annandale and Kemp (1915b); Haldar (1995a, 1995b, 1998)
<i>Anelassorhynchus microrhynchus</i> (Prashad, 1919)	Subarnarekha Estuary (Talsari), Chandipur	Gravelly (1919); Prashad (1919); Haldar (1995a, 1998); Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Anelassorhynchus sabinus</i> (Lanchester, 1905)	Chilika Lake (Barakuda Is.)	Haldar (1995b)
<i>Ochetostoma australiense</i> Edmonds, 1960	Chilika Lake (Barakuda Is.)	Haldar (1995b)

*Currently, a distinct class in the phylum Annelida.

Table 19. Checklist of Mollusca recorded from the Odisha coast

Phylum Mollusca Linnaeus, 1758	Locality	References
Class Polyplacophora Blainville, 1816		
Subclass Neoloricata Bergenhayn, 1955		
Order Chitonida Thiele, 1909		
Superfamily Cryptoplaconoidea H. & A. Adams, 1858		
Family Acanthochitonidae Pilsbry, 1893		
<i>Acanthochiton mahensis</i> Wickworth, 1927	Gopalpur (Near Light House) Subba Rao and Dey (2000); Subba Rao (2003);	Subba Rao <i>et al.</i> (1991); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2009b)
Class Bivalvia Linnaeus, 1758		
Subclass Protobranchia Pelseneer, 1889		
Order Nuculida Dall, 1889		
Superfamily Nuculoidea J. Gray, 1824		
Family Nuculidae J. Gray, 1824		
<i>Ennucula convexa</i> (G.B. Sowerby I, 1833)	Off Puri, Puri, Gopalpur	Subba Rao <i>et al.</i> (1991, 1992); Pati <i>et al.</i> (2009b); Ramakrishna and Dey (2010)
<i>Nucula mitralis</i> Hinds, 1843	Puri, Gopalpur	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao and Dey (2000); Ramakrishna <i>et al.</i> (2004); Pati <i>et al.</i> (2009b); Ramakrishna and Dey (2010)
<i>Nuculana robsoni</i> Prashad, 1932	Puri	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)

Subclass Autobranchia Grobben, 1894		
Infraclass Pteriomorpha Beurlen, 1944		
Order Mytilida Férussac, 1822		
Superfamily Mytiloidea Rafinesque, 1815		
Family Mytilidae Rafinesque, 1815		
<i>Mygdalum watsoni</i> (E.A. Smith, 1885)	38km south east of Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao and Dey (2000); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Brachidontes striatulus</i> (Hanley, 1843)	Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary (False Point, Khira Gachha Madeli, Madeli Creek), Puri Beach, Chilika Lake (Rambha, Barkul, Barakuda, Breakfast Island, Satapada, Baranikuda, Maladeikuda, Kalijai, Manikapatna, Balipatam, Barkul, Rambha), Gopalpur	Preston (1910, 1911, 1914); Annandale and Kemp (1916); Sewell and Annandale (1922); Sarma <i>et al.</i> (1979b); Rao (1987); Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Maitra (1998); Ramakrishna <i>et al.</i> (2004); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2009b); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Brachidontes undulatus</i> (Dunker, 1857)	Mahanadi Estuary (Madeli Creek), Chilika Lake (Balugaon, Between Arakhakuda Island and Nalabana, Brahmagiri, Breakfast Island, Chirriya Island, Kalijai, Kaliyugeswar near Balugaon, Maladeikuda, Nalaban, Rambha, Off Samal Island, Serua Nadi, Satapada)	Preston (1911, 1914); Annandale and Kemp (1916); Sewell and Annandale (1922); Sarma <i>et al.</i> (1979b); Rao (1987); Subba Rao <i>et al.</i> (1991, 1992, 1995); Subba Rao and Dey (2000); Mohapatra (2001); Ramakrishna <i>et al.</i> (2004, 2006); Dey and Ramakrishna (2007); Sahu <i>et al.</i> (2007); Sahu and Sethy (2008); Ramakrishna and Dey (2010)
<i>Lithophaga teres</i> (Philippi, 1846)	Odisha Coast	Ramakrishna and Dey (2010)
<i>Modiolus americanus</i> (Leach, 1815)	Subarnarekha Estuary (Kirtania, Talsari)	Mitra <i>et al.</i> (2010)
<i>Modiolus modiolus</i> (Linnaeus, 1758)	Chilika Lake Lagoon	Mahapatro <i>et al.</i> (2009)
<i>Modiolus philippinarum</i> (Hanley, 1843)	Chandipur, Chilika Lake (Between Satapada & Barunakuda)	Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Subba Rao (1991); Ramakrishna and Dey (2010)
<i>Musculus cumingianus</i> (Reeve, 1857)	Off Gopalpur	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Perna viridis</i> (Linnaeus, 1758)	Subarnarekha Estuary (Talsari), Chandipur, Mahanadi Estuary (Paradip), Chilika Lake (Manikapatna, Outer Channel), Rushikulya Estuary, Chhatrapur, Gopalpur, Sunapur, Bahuda Estuary	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Mitra and Misra (2006); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Mahapatro <i>et al.</i> (2009); Mitra <i>et al.</i> (2010); Mohapatra (2010); Ramakrishna and Dey (2010); Pati and Panigrahy (2012)
Order Arcida J. Gray, 1854		
Superfamily Arcoidea Lamarck, 1809		
Family Arcidae Lamarck, 1809		
<i>Acar clathrata</i> (DeFrance, 1816)	Chandipur, Ganjam Coast	Subba Rao <i>et al.</i> (1991); Subba Rao and Dey (2000); Ramakrishna and Dey (2010)
<i>Acar domingensis</i> (Lamarck, 1819)	Off Gopalpur	Annandale (1911)
<i>Anadara antiquata</i> (Linnaeus, 1758)	Odisha Coast	Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Anadara inaequalvis</i> (Bruguière, 1789)	Subarnarekha Estuary (Talsari), Mouth of Budhabalanga River near Chandipur, Chandipur, Balaramgadi near Chandipur, Mahanadi Estuary (False Point, Khira Gachha Madeli), Konark, Puri, Chilika Lake, Ganjam Coast, Chhatrapur	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Mohapatra (2001, 2010); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Anadara indica</i> (Gmelin, 1791)	Subarnarekha Estuary (Kirtania, Talsari), Chandipur, Mahanadi Estuary (Gangolia, Khira Gachha Madeli, Paradip), Konark, Puri, Chilika Lake, Rushikulya Estuary, Chhatrapur, Gopalpur Port, Gopalpur	Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009b); Mitra <i>et al.</i> (2010); Mohapatra (2010); Ramakrishna and Dey (2010)
<i>Barbatia candida</i> (Helbling, 1779)	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Mesocibota bistrigata</i> (Dunker, 1866)	Talaborai near Chandipur, Black Pagoda near Konark, Off Ganjam Coast, Off Gopalpur	Annandale (1911); Subba Rao <i>et al.</i> (1991); Mohapatra (2010); Ramakrishna and Dey (2010)
<i>Scaphula celox</i> Benson, 1836	Mahanadi Estuary	Ramakrishna and Dey (2010)

<i>Tegillarca granosa</i> (Linnaeus, 1758)	Subarnarekha Estuary (Kirtania, Talsari), Chandipur, Mahanadi Estuary (False Point, Gangolia, Khira Gachha Madeli, Paradip), Konark, Puri, Chilika Lake (Barakuda, Cheryyakuda, Rambha, Samal Island), Rushikulya Estuary, Bahuda Estuary	Preston (1914); Annandale and Kemp (1916); Sewell and Annandale (1922); Satpathy (1990); Subba Rao <i>et al.</i> (1991, 1992, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Mohapatra (2001, 2010); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010); Pati and Panigrahy (2012)
<i>Tegillarca rhombea</i> (Born, 1778)	Talaborai near Chandipur, Chandipur, Mahanadi Estuary (Hukitola, Khira Gachha Madeli, Paradip), Konark, Puri, Chilika Lake, Rushikulya Estuary, Chhatrapur, Gopalpur (south of Light House), Bahuda Estuary	Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Mohapatra (2001, 2010); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Ramakrishna and Dey (2010); Pati and Panigrahy (2012)
Family Cucullaeidae R. Stewart, 1930 <i>Cucullaea labiata</i> (Lightfoot, 1786)	Shore along New Baxipalli & New Golabandha	Subba Rao <i>et al.</i> (1991); Dey and Ramakrishna (2007); Pati <i>et al.</i> (2009b); Ramakrishna and Dey (2010)
Family Glycymerididae Dall, 1908 (Leach in J. Gray, 1847) <i>Glycymeris taylori</i> (Angas, 1879) <i>Glycymeris tenuicostata</i> (Reeve, 1843)	Odisha Coast Mahanadi Estuary (Khira Gachha Madeli, Paradip, Creek near Paradip Port), Konark, Puri, Chilika Lake, Rushikulya Estuary	Ramakrishna and Dey (2010) Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Mohapatra (2010); Ramakrishna and Dey (2010)
Family Noetiidae Stewart, 1930 <i>Strialca lactea</i> (Linnaeus, 1758)	Mahanadi Estuary (False Point), Puri, Chilika Lake (Barhampura Island, Satapada)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Maitra (1998); Mahapatra (2008); Ramakrishna and Dey (2010)
Order Ostreida Férussac, 1822 Suborder Ostreidina Férussac, 1822 Superfamily Ostreioidea Rafinesque, 1815 Family Ostreidae Rafinesque, 1815 <i>Crassostrea belcheri</i> (G.B. Sowerby II, 1871)	Subarnarekha Estuary (Talsari), Talaborai, Chandipur, Kasafal, Budhabalanga Estuary, Kendrapara/ Jagatsinghpur Coast, Mahanadi Estuary (False Point, Hukitola, Khira Gachha Madeli), Chilika Lake (Manikapatna, Outer Channel), Rushikulya Estuary, Chhatrapur, Gopalpur, Bahuda Estuary	Subba Rao <i>et al.</i> (1991, 1992, 1995); Rama Rao <i>et al.</i> (1992); Subba Rao and Dey (2000); Ramakrishna <i>et al.</i> (2004); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Mahapatra <i>et al.</i> (2009); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010); Pati and Panigrahy (2012)
<i>Crassostrea bilineata</i> (Röding, 1798) <i>Crassostrea virginica</i> (Gmelin, 1791) <i>Dendostrea frons</i> (Linnaeus, 1758)	Talsari, Mahanadi Estuary, Chilika Lake Chilika Lake (Outer Channel) Odisha Coast	Mitra and Misra (2006) Annandale and Kemp (1916) Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Dendostrea senegalensis</i> (Gmelin, 1791) <i>Nanostrea fluctigera</i> (Jousseume in Lamy, 1925)	Kasafal near Balaramgadi, Chandipur Balasore Bay, Konark, Off Gopalpur	Subba Rao (2003); Ramakrishna and Dey (2010) Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Ostrea futamiensis</i> Seki, 1929	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Saccostrea cucullata</i> (Born, 1778)	Subarnarekha Estuary (Kirtania, Talsari), Talaborai near Chandipur, Mahanadi Estuary (Khira Gachha Madeli, Hukitola, South of Paradip Port), Chilika Lake (Rambha), Rushikulya Estuary, Gopalpur Port, Gopalpur	Subba Rao <i>et al.</i> (1991, 1992, 1995); Subba Rao and Dey (2000); Mohapatra (2001); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009b); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010); Pati and Panigrahy (2012)
Family Gryphaeidae Vialov, 1936 <i>Hyothisa hyotis</i> (Linnaeus, 1758)	Balaramgadi near Chandipur, Black Pagoda near Konark, Chilika Lake (Manikapatna), Off Gopalpur, Ganjam Coast	Subba Rao <i>et al.</i> (1991, 1995); Subba Rao and Dey (2000); Ramakrishna and Dey (2010)
<i>Parahyothisa numisma</i> (Lamarck, 1819)	Odisha Coast, Chilika Lake (Manikapatna)	Preston (1910); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991)
Suborder Malleidina J. Gray, 1854 Superfamily Pterioidea J. Gray, 1847 (Goldfuss, 1820) Family Pteriidae J. Gray, 1847 (Goldfuss, 1820) <i>Isoognomon isognomum</i> (Linnaeus, 1758)	Off Ganjam Coast	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Isoognomon legumen</i> (Gmelin, 1791) <i>Pinctada chemnitzii</i> (Philippi, 1849) <i>Preria heteroptera</i> (Lamarck, 1819) <i>Preria smithi</i> (Preston, 1910)	Off Ganjam Coast Balasore Coast Dhamara Estuary Off Ganjam Coast, Off Gopalpur	Subba Rao <i>et al.</i> (1991) Virabhadra Rao and Satyanarayana Rao (1974) Dutta (2007) Preston (1910); Subba Rao <i>et al.</i> (1991); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Pinctada sugillata</i> (Reeve, 1857)	Odisha Coast	Ramakrishna and Dey (2010)
Order Pectinida J. Gray, 1854 Suborder Anomiidina J. Gray, 1854 Superfamily Anomioidea Rafinesque, 1815 Family Anomiidae Rafinesque, 1815 <i>Anomia achaeus</i> Gray, 1850	Subarnarekha Estuary (Kirtania), Chandipur, Chilika Lake, Rushikulya Estuary	Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Mohapatra (2001); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Enigmonia aenigmatica</i> (Holten, 1802)	Subarnarekha Estuary (Kirtania), Mahanadi Estuary (False Point, Khira Gachha Madeli), Puri	Subba Rao <i>et al.</i> (1991, 1992); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)

<i>Placuna placenta</i> (Linnaeus, 1758)	Dhamara Estuary, Mahanadi Estuary, Chilika Lake, Rushikulya Estuary, Bahuda Estuary	Subba Rao <i>et al.</i> (1995); Subba Rao and Dey (2000); Mohapatra (2001); Ramakrishna and Dey (2003, 2010); Dutta (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a); Pati and Panigrahy (2012)
Superfamily Limoidea Rafinesque, 1815		
Family Limidae Rafinesque, 1815		
<i>Ctenoides annulata</i> (Lamarck, 1819)	Chilika Lake, Ganjam Coast	Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna and Dey (2010)
Suborder Pectinidina J. Gray, 1854		
Superfamily Pectinoidea Rafinesque, 1815		
Family Pectinidae Rafinesque, 1815		
<i>Amusium pleuronectes</i> (Linnaeus, 1758)	Odisha Coast, Devi Estuary, Off Gopalpur	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Mohapatra (2001) Ramakrishna and Dey (2010)
<i>Laevichlamys andamanica</i> (Preston, 1908)	Odisha Coast	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Minnivola pyxidata</i> (Born, 1778)	Talaborai near Chandipur	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Volachlamys tranquebaria</i> (Gmelin, 1791)	Talaborai near Chandipur, Mahanadi Estuary (Khira Gachha Madeli, Paradip Port), Astaranga, Devi Estuary, Puri, Gopalpur (south of Light House)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Pati <i>et al.</i> (2009b); Ramakrishna and Dey (2010)
Family Spondylidae J. Gray, 1826		
<i>Spondylus layardi</i> Reeve, 1856	Konark	Subba Rao <i>et al.</i> (1991); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Spondylus nicobaricus</i> Schreibers, 1793	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
Infraclass Heteroconchia Hertwig, 1895		
Order Carditida Dall, 1889		
Superfamily Crassatelloidea Férussac, 1822		
Family Carditidae Férussac, 1822		
<i>Cardites antiquatus</i> (Linnaeus, 1758)	Mahanadi Estuary (Khira Gachha Madeli, Paradip), Konark, Chandrabhaga Beach, Puri, Chilika Lake (Manikapatna Beach, Tonda near Satapada Rest House) Rushikulya Estuary, Chhatrapur, Gopalpur (south of Light House)	Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Subba Rao and Dey (2000); Dey and Ramakrishna (2007); Pati <i>et al.</i> (2009b); Mohapatra (2010); Ramakrishna and Dey (2010)
Order Pholadida J. Gray, 1854		
Superfamily Pholadoidea Lamarck, 1809		
Family Pholadidae Lamarck, 1809		
<i>Barnea candida</i> (Linnaeus, 1758)	Subarnarekha Estuary, Chandipur, Mahanadi Estuary (Paradip)	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Mahapatra (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Barnea manilensis</i> (Philippi, 1847)	Devi Estuary	Preston (1910); Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Ramakrishna and Dey (2010)
<i>Martesia fragilis</i> Verrill & Bush, 1898	Odisha Coast, Subarnarekha Estuary (Talsari)	Subba Rao <i>et al.</i> (1992); Mitra and Misra (2006); Mahapatra (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Martesia striata</i> (Linnaeus, 1758)	Odisha Coast, Mahanadi Estuary (Khira Gachha Madeli), Chilika Lake (Janhikuda, Krushna Prasad Gada, Mouth of Palur Canal), Gopalpur Port	Preston (1914); Annandale and Kemp (1916); Subba Rao (1968); Subba Rao <i>et al.</i> (1991, 1995); Nayak (1996); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010); Nayak <i>et al.</i> (2012)
<i>Pholas orientalis</i> Gmelin, 1791	Subarnarekha Estuary (Talsari), Balramgadi, Chandipur, Mahanadi Estuary (Paradip)	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Mohapatra (2001); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Xylophaga mexicana</i> Dall, 1908	Puri	Ganapati and Rao (1961)
Family Teredinidae Rafinesque, 1815		
<i>Bactronophorus thoracites</i> (Gould, 1856)	Subarnarekha Estuary (Kirtania), Mahanadi Estuary (Khira Gachha Madeli)	Subba Rao (1968); Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Dey and Ramakrishna (2007); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Bankia brevis</i> (Deshayes, 1863)	Chilika Lake (Mouth of Palur Canal)	Nayak <i>et al.</i> (2012)
<i>Bankia campanellata</i> Moll & Roch, 1931	Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump), Chilika Lake (Janhikuda, Krushna Prasad Gada, Mouth of Palur Canal), Rushikulya Estuary (Palur Canal), Gopalpur Port	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Nayak (1996); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010); Nayak <i>et al.</i> (2012); Pati and Swain (2012)
<i>Bankia carinata</i> (J. E. Gray, 1827)	Mahanadi Estuary (Khira Gachha Madeli), Chilika Lake (Satapada, Outer Channel)	Preston (1915); Annandale and Kemp (1916); Subba Rao (1968); Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Bankia fimbriatula</i> Moll & Roch, 1931	Mahanadi Estuary (False Point, Paradip Port)	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Ramakrishna and Dey (2010)
<i>Bankia gracilis</i> Moll, 1935	Rushikulya Estuary (Palur Canal)	Pati and Swain (2012)
<i>Bankia nordi</i> Moll, 1935	Odisha Coast	Ramakrishna and Dey (2010)
<i>Bankia rochi</i> Moll, 1931	Mahanadi Estuary (False Point, Khira Gachha Madeli, Light House Area, Paradip), Gopalpur Port	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Nayak (1996); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Ramakrishna and Dey (2010)

<i>Dicyathifer mannii</i> (Wright, 1866)	Mahanadi Estuary (False Point, Khira Gachha Madeli, Light House Area, Paradip), Gopalpur Port	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Nayak (1996); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Lyrodus pedicellatus</i> (Quatrefages, 1849)	Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump), Chilika Lake (Janhikuda, Mouth of Palur Canal), Rushikulya Estuary (Palur Canal), Gopalpur Port	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Nayak (1996); Surya Rao and Maitra (1998); Ramakrishna and Dey (2010); Nayak <i>et al.</i> (2012); Pati and Swain (2012)
<i>Nototeredo edax</i> (Hedley, 1895)	Gopalpur Port	Nayak (1996)
<i>Nototeredo knoxi</i> (Bartsch, 1917)	Mahanadi Estuary (Lion's Rump)	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Nausitora dunlopei</i> Wright, 1864	Mahanadi Estuary (Badpadia, False Point, Khira Gachha Madeli, Lighthouse, Paradip), Gopalpur Port	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Nayak (1996); Surya Rao and Maitra (1998); Ramakrishna and Dey (2010)
<i>Nausitora fuscicula</i> (Jeffreys, 1860)	Mahanadi Estuary (False Point, Light House, Paradip)	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Ramakrishna and Dey (2010)
<i>Nausitora hedleyi</i> Schepman, 1919	Mahanadi Estuary (Hukitola), Gopalpur Port	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Nayak (1996); Surya Rao and Maitra (1998); Ramakrishna and Dey (2010)
<i>Teredo bartschi</i> Clapp, 1923	Rushikulya Estuary (Palur Canal)	Pati and Swain (2012)
<i>Teredo clappi</i> Bartsch, 1923	Odisha Coast?	Ramakrishna and Dey (2010)
<i>Teredo furcifera</i> von Martens, 1894	Chilika Lake (Janhikuda, Krushna Prasad Gada, Mouth of Palur Canal), Gopalpur Port	Nayak (1996); Nayak <i>et al.</i> (2012)
<i>Teredora princesae</i> (Sivickis, 1928)	Mahanadi Estuary (Khira Gachha Madeli)	Subba Rao (1968); Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Ramakrishna and Dey (2010)
<i>Uperotus clava</i> (Gmelin, 1791)	Talsari	Mitra and Misra (2006)
Superfamily Myoidea Lamarck, 1809		
Family Myiidae Lamarck, 1809		
<i>Mya arenaria</i> Linnaeus, 1758	Gopalpur Creek	Satpathy (1990)
Family Corbulidae Lamarck, 1818		
<i>Corbula rotalis</i> Hinds, 1843	Mahanadi Estuary (Paradip), Off Devi Estuary, Puri	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998)
<i>Potamocorbula chilkaensis</i> (Preston, 1911)	Chilika Lake (Rambha)	Preston (1911); Annandale and Kemp (1916); Ramakrishna <i>et al.</i> (2004)
Order Cardiida Férussac, 1822		
Suborder Cardiidina Férussac, 1822		
Superfamily Cardioidea Lamarck, 1809		
Family Cardiidae Lamarck, 1809		
<i>Acrosterigma variegatum</i> (G.B. Sowerby II, 1840)	Mahanadi Estuary (Khira Gachha Madeli), Puri, Chhatrapur	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Fulvia aperta</i> (Bruguère, 1789)	Chilika Lake (Outer Bar close to Lake Mouth, Outer Channel)	Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Papyridea lata</i> (Born, 1778)	Chilika Lake (Manikapatna, Satapada), Rushikulya Estuary, Chhatrapur	Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Vepricardium coronatum</i> (Schröter, 1786)	Balasure Bay, Kasafal, Budhabalanga Estuary, Talaborai, Chandipur, Budhabalanga Estuary near Inspection Bungalow, Mahanadi Estuary (False Point, Khira Gachha Madeli, Paradip Beach, Paradip Port), Konark, Chilika Lake, Rushikulya Estuary	Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Mohapatra (2001, 2010); Dey and Ramakrishna (2007); Mahapatra (2008); Ramakrishna and Dey (2010)
Superfamily Tellinoidea Blainville, 1814		
Family Tellinidae Blainville, 1814		
<i>Abranda myaeformis</i> (Sowerby, 1868)	Puri	Subba Rao <i>et al.</i> (1991); Dey (2006)
<i>Apolymetis edentula</i> Spengler 1782	Subarnarekha Estuary (Talsari), Chandipur, Budhabalanga River Bed, Mahanadi Estuary (False Point, Paradip, Paradip Port), Konark	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Dey (2006); Dey and Ramakrishna (2007); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Arcopagia casta</i> (Hanley, 1844)	Puri	Dey (2006); Ramakrishna and Dey (2010)
<i>Loxoglypta rhomboides</i> (Quoy & Gaimard, 1835)	Chilika Lake	Dey (2006); Ramakrishna and Dey (2010)
<i>Macoma (Psammacoma) birmanica</i> (Philippi, 1849)	Balasure Coast, Subarnarekha Estuary (Talsari), Mahanadi Estuary (Paradip), Chilika Lake (Nalaban Wildlife Sanctuary)	Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Mohapatra (2001, 2010); Dey (2006); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2006); Sahu <i>et al.</i> (2007); Mahapatra (2008); Sahu and Sethy (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Macoma (Psammacoma) truncata</i> (Jonas, 1844)	Mahanadi Estuary, Puri Coast, Chilika Lake (Kalupadaghat)	Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Dey (2006); Mahapatra (2008); Ramakrishna and Dey (2010)
<i>Macoma (Psammotreta) ala</i> (Hanley, 1844)	Puri	Subba Rao <i>et al.</i> (1991); Dey (2006); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Moerella iridescens</i> (Benson, 1842)	Chilika Lake (Barhampura Is., Channel Off Barhampura)	Preston (1915); Subba Rao <i>et al.</i> (1991, 1992, 1995); Ramakrishna <i>et al.</i> (2004); Dey (2006); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Pharaonella rostrata</i> (Linnaeus, 1758)	Mahanadi Estuary (Khira Gachha Madeli, Paradip)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Dey (2006); Ramakrishna and Dey (2010)
<i>Strigilla (Aeretica) splendida</i> (Anton, 1839)	Subarnarekha Estuary (Talsari), Chandipur	Subba Rao <i>et al.</i> (1991); Mohapatra (2001); Dey (2006); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)

<i>Tellina barhampurensis</i> Preston, 1915	Chilika Lake (Channel between Satapada & Barhampura)	Preston (1915); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2004)
<i>Tellina (Angulus) lanceolata</i> Gmelin, 1791	Puri	Subba Rao <i>et al.</i> (1991); Subba Rao and Dey (2000); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Tellina (Omala) texturata</i> Sowerby, 1867	Off Puri, Chilika Lake (Outer Channel)	Preston (1914); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2004); Ramakrishna and Dey (2010)
<i>Tellina (Pharaonella) cuneolus</i> Sowerby, 1844	Puri	Dey (2006); Ramakrishna and Dey (2010)
<i>Tellina (Tellinides) sinuata</i> Spengler, 1798	Chandipur, Mahanadi Estuary (Paradip), Konark	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Dey (2006); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
Family Donacidae J. Fleming, 1828		
<i>Donax aperittus</i> Melvill, 1897	Off Puri	Subba Rao and Dey (1986); Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Donax compressus</i> Lamarck, 1800	Odisha Coast?	Ramakrishna and Dey (2010)
<i>Donax cuneatus</i> Linnaeus, 1758	Konark, Puri	Nagabhushanam (1972)
<i>Donax incarnatus</i> Gmelin, 1791	Subarnarekha Estuary (Talsari), Chandipur	Subba Rao and Dey (1986, 2000); Subba Rao <i>et al.</i> (1991, 1992); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Donax lubricus</i> Hanley, 1845	Talaborai near Chandipur	Subba Rao and Dey (1986); Subba Rao <i>et al.</i> (1991)
<i>Donax pulchellus</i> Hanley, 1843	Puri, Chilika Lake (Outer Channel)	Subba Rao <i>et al.</i> (1991, 1995); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Donax scortum</i> (Linnaeus, 1758)	Subarnarekha Estuary (Talsari), Chandipur, Mahanadi Estuary (Khira Gachha Madeli), Puri, Chilika Lake, Rushikulya Estuary, Gopalpur, Chhatrapur, Bahuda Estuary	Subba Rao and Dey (1986); Satpathy (1990); Subba Rao <i>et al.</i> (1991, 1992, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Mohapatra (2001, 2010); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010); Pati and Panigrahy (2012)
Family Psammobiidae J. Fleming, 1828		
<i>Gari maculosa</i> (Lamarck, 1818)	Mahanadi Estuary (Paradip Port)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Ramakrishna and Dey (2010)
<i>Gari (Psammobia) mahosaensis</i> Preston, 1915	Chilika Lake (Barhampura, Jahnikuda, southwards of Mahisa, Satapada)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna and Dey (2010)
<i>Soletellina diphos</i> (Linnaeus, 1771)	Subarnarekha Estuary (Talsari, Udayapur), Chandipur, Mahanadi Estuary (Paradip), Devi Estuary near Astaranga, Puri, Ganjam Coast, Chhatrapur	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Mohapatra (2001, 2010); Mitra and Misra (2006); Mahapatra (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
Family Semelidae Stoliczka, 1870 (Latreille, 1825)		
<i>Cumingia hinduorum</i> Preston, 1915	Chilika Lake (Mahisa, Patasanipur, Main Channel west of Satapada, Satapada)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna and Dey (2010)
<i>Theora opalina</i> (Hinds, 1843)	Off Puri, Chilika Lake (Off Balugaon, Barakuda, Kalupadaghat, Nalaban, Rambha, Off Satapada)	Preston (1914); Annandale and Kemp (1916); Sewell and Annandale (1922); Patnaik (1971); Subba Rao <i>et al.</i> (1991, 1992, 1995); Ramakrishna and Dey (2010)
Superfamily Arcticoidea R. Newton, 1891 (d'Orbigny, 1844)		
Family Trapezidae Lamy, 1920 (Dall, 1895)		
<i>Neotrapezium sublaevigatum</i> (Lamarck, 1819)	Chilika Lake (Manikapatna Oyster beds)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1992, 1995); Ramakrishna <i>et al.</i> (2004); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
Superfamily Chamoidea Lamarck, 1809		
Family Chamidae Lamarck, 1809		
<i>Chama lazarus</i> Linnaeus, 1758	Odisha Coast	Ramakrishna and Dey (2010)
<i>Chama pacifica</i> Broderip, 1835	Balasore Bay, Konark (Black Pagoda), Off Ganjam Coast	Subba Rao <i>et al.</i> (1991); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Pseudochama corbierei</i> (Jonas, 1846)	Off Gopalpur	Annandale (1911)
Superfamily Cyrenoidea J. Gray, 1840		
Family Cyrenidae J. Gray, 1840		
<i>Geloina erosa</i> (Solander, 1786)	Mahanadi Estuary	Mohapatra (2001, 2010); Mahapatra (2008)
<i>Polymesoda bengalensis</i> (Lamarck, 1818)	Subarnarekha Estuary (Kirtania), Mahanadi Estuary (False Point)	Surya Rao and Maitra (1998); Mitra <i>et al.</i> (2010)
Family Glauconomidae J. Gray, 1853		
<i>Glauconome angulata</i> Reeve, 1844	Talsari near Chandipur	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Glauconome chinensis</i> Gray, 1828	Subarnarekha Estuary (Talsari), Budhabalanga near Chandipur, Chandipur, Mahanadi Estuary (Estuary), Chilika Lake (Nalaban Wildlife Sanctuary)	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Mohapatra (2001); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2006); Dey and Ramakrishna (2007); Sahu <i>et al.</i> (2007); Mahapatra (2008); Sahu and Sethy (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
Superfamily Mactroidea Lamarck, 1809		
Family Mactridae Lamarck, 1809		
<i>Mactra cuneata</i> Gmelin, 1791	Mahanadi Estuary (Khira Gachha Madeli), Konark, Rushikulya Estuary, Chhatrapur, Gopalpur Port, Gopalpur	Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992); Subba Rao and Dey (2000); Mohapatra (2001); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009b); Ramakrishna and Dey (2010)
<i>Mactra cygnus</i> Gmelin, 1791	Odisha Coast	Ramakrishna and Dey (2010)
<i>Mactra grandis</i> Gmelin, 1791	Kasafal, Chandipur, Mahanadi Estuary (Khira Gachha Madeli), Konark, Chandrabhaga near Konark, Puri, Chilika Lake (Kalupadaghat), Rushikulya Estuary, Gopalpur	Subba Rao <i>et al.</i> (1991, 1992, 1995); Rama Rao <i>et al.</i> (1992); Pati <i>et al.</i> (2009b); Ramakrishna and Dey (2010)

<i>Mactra luzonica</i> Reeve, 1854	Subarnarekha Estuary (Kirtania, Talsari, Udayapur), Chandipur, Mahanadi Estuary (Khira Gachha Madeli), Chandrabhaga near Konark, Puri, Chilika Lake, Rushikulya Estuary, Chhatrapur, Gopalpur	Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Subba Rao (1991); Rama Rao <i>et al.</i> (1992); Subba Rao and Dey (2000); Mohapatra (2001); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2009b); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Mactra petiiti</i> d'Orbigny, 1846	Chandrabhaga near Konark	Subba Rao <i>et al.</i> (1991); Mahapatra (2008); Ramakrishna and Dey (2010)
<i>Mactra turgida</i> Gmelin, 1791	Chandbali, Mahanadi Estuary (Khira Gachha Madeli), Konark, Chilika Lake	Subba Rao <i>et al.</i> (1991, 1992, 1995); Subba Rao and Dey (2000); Dey and Ramakrishna (2007); Mahapatra (2008); Ramakrishna and Dey (2010)
<i>Mactra violacea</i> Gmelin, 1791	Subarnarekha Estuary (Talsari), Chandipur, Chandbali, Mahanadi Estuary (Paradip)	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Mitra and Misra (2006); Mahapatra (2008); Mitra <i>et al.</i> (2010)
<i>Macrinula plicataria</i> (Linnaeus, 1767)	Chandipur	Subba Rao <i>et al.</i> (1991, 1992); Dey and Ramakrishna (2007); Mahapatra (2008); Ramakrishna and Dey (2010)
<i>Macrinula reevesii</i> (Gray, 1837)	Off Devi Estuary	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Macrinula striatula</i> (Linnaeus, 1767)	Mahanadi Estuary (Paradip), Puri	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Standella pellucida</i> (Gmelin, 1791)	Devi Estuary, Chandrabhaga near Konark, Chilika Lake (Nalaban, Satapada Bay)	Preston (1915); Annandale and Kemp (1916); Patnaik (1971); Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Ramakrishna <i>et al.</i> (2004); Ramakrishna and Dey (2010)
<i>Tanysiphon rivalis</i> Benson, 1858	Odisha Coast	Ramakrishna and Dey (2010)
Superfamily Ungulinoidea J. Gray, 1854		
Family Ungulinidae J. Gray, 1854		
<i>Diplodonta barhampurensis</i> Preston, 1915	Chilika Lake (Channel Off Barhampura Island)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2004); Ramakrishna and Dey (2010)
<i>Diplodonta bullata</i> Dunker, 1865	Chandipur, Gopalpur (south of Light House)	Subba Rao <i>et al.</i> (1991); Pati <i>et al.</i> (2009b); Ramakrishna and Dey (2010)
<i>Diplodonta satparaensis</i> Preston, 1915	Chilika Lake (Channel between Satapada & Barhampura Island, Barhampura Island, Mahisa, Satapada & Kalijai Island)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2004); Ramakrishna and Dey (2010)
<i>Felania annandalei</i> Preston, 1914	Chilika Lake (Baranakuda, Between Baranikuda & Nalaban, Kalijai, Maladeikuda, Nalaban Wildlife Sanctuary, Patasanipur, Satapada Bay)	Preston (1914, 1915); Annandale and Kemp (1916); Patnaik (1971); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2004, 2006); Sahu and Sethy (2008); Ramakrishna and Dey (2010)
<i>Felania chilkaensis</i> Preston, 1914	Kusabhadra Estuary 8km from Konark, Chilika Lake (Barkul, Manikapatna, Outer Bar south west of Lake Mouth, south of Satapada), Gopalpur (north east of Inspection Bungalow)	Preston (1914, 1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991); Ramakrishna <i>et al.</i> (2004); Pati <i>et al.</i> (2009b)
<i>Felania ovalis</i> Preston, 1914	Chilika Lake (Manikapatna, Outer Bar south west of lake mouth, Channel between Satapada & Barhampura Island)	Preston (1914, 1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2004); Ramakrishna and Dey (2010)
Superfamily Veneroidea Rafinesque, 1815		
Family Veneridae Rafinesque, 1815		
<i>Anomalodiscus squamosus</i> (Linnaeus, 1758)	Konark, Chhatrapur	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Bassina calophylla</i> (Philippi, 1836)	Mahanadi Estuary (Khira Gachha Madeli, Paradip)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998)
<i>Clementia papyracea</i> (Gmelin, 1791)	Chilika Lake (Balugaon, Off Balugaon, Baranakuda, Between Arakhakuda and Nalabana is., Nalaban Island, Parahara, Rambha, Off Samal Is.)	Preston (1914, 1915); Annandale and Kemp (1916); Sewell and Annandale (1922); Patnaik (1971); Subba Rao <i>et al.</i> (1991); Ramakrishna <i>et al.</i> (2004); Sahu <i>et al.</i> (2007); Ramakrishna and Dey (2010)
<i>Dosinia erythraea</i> Römer, 1860	Paradip	Ganesh <i>et al.</i> (2006)
<i>Dosinia fibula</i> (Reeve, 1850)	Chilika Lake (Kalupadaghat, Manikapatna)	Subba Rao <i>et al.</i> (1991, 1995); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Dosinia tumida</i> (Gray, 1838)	Chandipur, Chandbali, Mahanadi Estuary (Paradip), Chilika Lake (Manikapatna, Satapada Bay), Chhatrapur, Gopalpur	Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Pati <i>et al.</i> (2009b); Ramakrishna and Dey (2010)
<i>Gafrarium pectinatum</i> (Linnaeus, 1758)	Konark	Subba Rao <i>et al.</i> (1991, 1992); Ramakrishna and Dey (2010)
<i>Marcia opima</i> (Gmelin, 1791)	Chilika Lake (Barhampura Is., Manikapatna, Outer Channel)	Preston (1915); Annandale and Kemp (1916); Patnaik (1971)
<i>Marcia recens</i> (Holten, 1802)	Mahanadi Estuary (Paradip), Puri, Chhatrapur, Gopalpur	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Pati <i>et al.</i> (2009b); Ramakrishna and Dey (2010)
<i>Marcia (Marcia) pinguis</i> (Schroeter, 1788)	Mahanadi Estuary (Gangolia, Hukitola, Paradip), Kusabhadra Estuary near Konark, Chilika Lake (Arakhakuda, Mahisa, Manikapatna, Mirzapur, Outer Channel, Tonda, Satapada), Rushikulya Estuary, Gopalpur	Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2009b); Mohapatra (2010); Ramakrishna and Dey (2010)
<i>Meretrix casta</i> (Gmelin, 1791)	Subarnarekha Estuary (Udayapur), Mahanadi Estuary (False Point, Khira Gachha Madeli, Paradip), Konark, Puri, Chilika Lake (Arakhakuda, Balugaon, Barhampura, Chirriya Island, Kalupadaghat, Outer Channel, Mahisa, Manikapatna, Nalaban Wildlife Sanctuary, Rambha, Samal Island, Satapada, Tonda), Rushikulya Estuary, Chhatrapur, Gopalpur Creek, Sunapur	Preston (1914, 1915); Annandale and Kemp (1916); Hornell (1917); Sewell and Annandale (1922); Nagabhusanam (1972); Satpathy (1990); Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Das (2004); Ramakrishna <i>et al.</i> (2004, 2006); Mitra and Misra (2006); Dey and Ramakrishna (2007); Sahu <i>et al.</i> (2007); Sahu and Sethy (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Meretrix meretrix</i> (Linnaeus, 1758)	Subarnarekha Estuary (Talsari), Talaborai, Chandipur, Dhamara Estuary, Mahanadi Estuary (False Point, Paradip), Machhagaon, Devi Estuary near Astaranga, Sonadhara, Konark, Chilika Lake (Arakhakuda, Outer Channel, Satapada Oyster Island), Rushikulya Estuary, Chhatrapur, Gopalpur Port, Gopalpur, Bahuda Estuary (Sorala swamp)	Annandale and Kemp (1916); Hornell (1917); Gravely (1919); Subba Rao <i>et al.</i> (1991, 1992, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Mitra and Misra (2006); Dey and Ramakrishna (2007); Dutta (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Mahapatra <i>et al.</i> (2009); Mitra <i>et al.</i> (2010); Mohapatra (2010); Ramakrishna and Dey (2010); Pati and Panigrahy (2012)
<i>Meretrix morphina</i> (Lamarck, 1818)	Chilika Lake (Barhampura Is.)	Preston (1915)

<i>Paphia malabarica</i> (Chemnitz, 1782)	Talsari, Chandipur, Mahanadi Estuary (Paradip), Puri	Subba Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Mohapatra (2001); Subba Rao (2003); Mitra and Misra (2006); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Paphia undulata</i> (Born, 1778)	Mahanadi Estuary (Paradip), Chilika Lake (Palur Canal), Chhatrapur	Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Paphia textile</i> (Gmelin, 1791)	Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary (Paradip)	Surya Rao and Maitra (1998); Mitra and Misra (2006); Mahapatra (2008); Mitra <i>et al.</i> (2010)
<i>Pelecypora excisa</i> (Röding, 1798)	Chandbali, Mahanadi Estuary (Gangolia, Khira Gachha Madeli, Paradip), Chandrabhaga near Konark, Puri	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007)
<i>Pelecypora trigona</i> (Reeve, 1850)	Subarnarekha Estuary (Talsari), Talaborai near Chandipur, Mahanadi Estuary (Paradip), Chhatrapur	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Mitra and Misra (2006); Mahapatra (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Pitar alabastrum</i> (Reeve, 1863)	Ganjam Coast, Off Gopalpur	Subba Rao <i>et al.</i> (1991, 1992); Ramakrishna <i>et al.</i> (2004); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Protapes gallus</i> (Gmelin, 1791)	Gopalpur Creek	Satpathy (1990)
<i>Ruditapes bruguieri</i> (Hanley, 1845)	Mahanadi Estuary (Paradip)	Surya Rao and Maitra (1998)
<i>Sunetta donacina</i> (Gmelin, 1791)	Mahanadi Estuary (Khira Gachha Madeli, Paradip), Chilika Lake (Balugaon, Kalupadaghat)	Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Mohapatra (2010); Ramakrishna and Dey (2010)
<i>Sunetta effossa</i> (Hanley, 1843)	Mahanadi Estuary (Khira Gachha Madeli, Paradip), Puri, Rushikulya Estuary, Gopalpur (Light House)	Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Pati <i>et al.</i> (2008, 2009b); Ramakrishna and Dey (2010)
<i>Sunetta excavata</i> (Hanley, 1843)	Chandipur	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Sunetta merøi</i> (Linnaeus, 1758)	Chandipur, Mahanadi Estuary (Gangolia, Khira Gachha Madeli, Paradip, Paradip Port), Chandrabhaga Beach, Konark, Chilika Lake (Manikapatna Beach, Satapada), Rushikulya Estuary, Chhatrapur, Gopalpur	Preston (1914); Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Ramakrishna <i>et al.</i> (2004); Dey and Ramakrishna (2007); Pati <i>et al.</i> (2009b); Mohapatra (2010); Ramakrishna and Dey (2010)
<i>Sunetta scripta</i> (Linnaeus, 1758)	Chandipur, Mahanadi Estuary (Khira Gachha Madeli, Paradip, Paradip Port), Konark, Puri, Chilika Lake (Arakhakuda, Barakuda, Manikapatna, Outer Channel, Satapada, Tonda), Rushikulya Estuary, Chhatrapur, Gopalpur, Bahuda Estuary	Preston (1914, 1915); Nagabhushanam (1972); Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Ramakrishna <i>et al.</i> (2004); Dey and Ramakrishna (2007); Pati <i>et al.</i> (2008, 2009a, 2009b); Mohapatra (2010); Ramakrishna and Dey (2010); Pati and Panigrahy (2012)
<i>Timoclea arakana</i> (G. Nevill & H. L. Nevill, 1871)	Mahanadi Estuary (Paradip), Konark, Chhatrapur	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Timoclea imbricata</i> (G.B. Sowerby II, 1853)	Subarnarekha Estuary (Talsari), Chandipur, Budhabalanga near Chandipur, Mahanadi Estuary (Gangolia, Khira Gachha Madeli, Paradip Port), Chandrabhaga, Konark, Puri, Chilika Lake, Rushikulya Estuary, Chhatrapur, Gopalpur	Subba Rao <i>et al.</i> (1991, 1992, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2009b); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Timoclea scabra</i> (Hanley, 1845)	Puri, Chilika Lake	Subba Rao <i>et al.</i> (1991, 1995); Mahapatra (2008); Ramakrishna and Dey (2010)
<i>Tivela dilwyni</i> (Deshayes, 1853)	Chilika Lake (Serua Nadi)	Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna and Dey (2010)
Suborder Gastrochaenoidea Morretes, 1949		
Superfamily Gastrochaenoidea J. Gray, 1840		
Family Gastrochaenidae J. Gray, 1840		
<i>Gastrochaena indistincta</i> Deshayes, 1854	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
Suborder Leptonidina Dall, 1889		
Superfamily Galeommatoidae J. Gray, 1840		
Family Galeommatidae J. Gray, 1840		
<i>Galeomma (Galeomma) argentea</i> Deshayes, 1856	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Scintilla chilkaensis</i> Preston, 1913	Chilika Lake (Barhampura, Mahisa, Satapada Point)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2004); Ramakrishna and Dey (2010)
Family Kelliidae Forbes & Hanley, 1848		
<i>Kellia mahosaensis</i> Preston, 1915	Chilika Lake (Mahisa, Outer Channel)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995)
<i>Kellia chilkaensis</i> Preston, 1915	Chilika Lake (Barhampura, Between Satapada & Berhampur Island, south of Kalijai, Manikapatana, Mahisa, Outer Channel, Patasanipur, Satapada)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2004)
Order Poromyida Ridewood, 1903		
Superfamily Cuspidarioidea Dall, 1886		
Family Cuspidariidae Dall, 1886		
<i>Cuspidaria annandalei</i> Preston, 1915	Chilika Lake (Barkul, Bhusandpur, Kalijai, Kalupadaghat, Patasanipur, Rambha, Serua Nadi)	Preston (1915); Annandale and Kemp (1916); Sewell and Annandale (1922); Subba Rao <i>et al.</i> (1991); Ramakrishna <i>et al.</i> (2004); Ramakrishna and Dey (2010)
<i>Cuspidaria chilkaensis</i> (Preston, 1912)	Chilika Lake (Barkul, Bhusandpur, Rambha, Kalupadaghat, Nalaban Island, Patasanipur, Satapada, Serua Nadi)	Subba Rao <i>et al.</i> (1991, 1992, 1995); Sahu <i>et al.</i> (2007); Ramakrishna and Dey (2010)

Order Pandorida R. Stewart, 1930		
Superfamily Pandoroidea Rafinesque, 1815		
Family Pandoridae Rafinesque, 1815		
<i>Pandora brevifrons</i> Sowerby, 1835	Off Devi River, Puri	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Ramakrishna and Dey (2010)
<i>Pandora carinata</i> (Prashad, 1932)	Odisha Coast	Ramakrishna and Dey (2010)
<i>Pandora perangusta</i> Preston, 1910	Off Devi River	Preston (1910); Ramakrishna <i>et al.</i> (2004)
Family Laternulidae Hedley, 1918 (J. Gray, 1840)		
<i>Laternula navicula</i> (Reeve, 1863)	Mahanadi Estuary (Paradip), Devi Estuary, Chilika Lake (Barhampura Island, Barakuda Island, Barkul Point, Chirriya Is., Mahisa, Manikapatana, Nalabana Is., Outer Channel, Rambha, Off Samal Island, Satapada)	Preston (1914, 1915); Annandale and Kemp (1916); Sewell and Annandale (1922); Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Ramakrishna <i>et al.</i> (2004); Ramakrishna and Dey (2010)
Order Thraciida Carter, 2011		
Superfamily Thracioidea Stoliczka, 1870 (Couthouy, 1839)		
Family Periplomatidae Dall, 1895		
<i>Cochlodesma praetenu</i> (Pulteney, 1799)	Submarekha Estuary (Talsari)	Subba Rao <i>et al.</i> (1991, 1992); Mitra and Misra (2006); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Periploma andamanicum</i> (E. A. Smith, 1904)	Odisha Coast	Ramakrishna and Dey (2010)
Order Solenida Dall, 1889		
Superfamily Solenoidea Lamarck, 1809		
Family Solenidae Lamarck, 1809		
<i>Pharella javanica</i> (Lamarck, 1818)	Submarekha Estuary (Kirtania, Talsari)	Subba Rao <i>et al.</i> (1991, 1992); Mahapatra (2008); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Solen annandalei</i> Preston, 1915	Kasafal, Talsari, Chandipur, Mahanadi Estuary, Chilika Lake (Satapada Bay)	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2004); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Solen corneus</i> Lamarck, 1818	Konark, Puri	Nagabhusanam (1972)
<i>Solen delesserti</i> Sowerby, 1874	Chilika Lake (Off Balugaon, Off Barakuda Island, Nalaban Wildlife Sanctuary, Rambha, Off Samal Island)	Sewell and Annandale (1922); Subba Rao <i>et al.</i> (1991); Mohapatra (2001); Ramakrishna <i>et al.</i> (2004, 2006); Mahapatra (2008); Sahu and Sathy (2008); Ramakrishna and Dey (2010)
<i>Solen fonesi</i> Dunker, 1862	Chilika Lake (Rambha)	Annandale and Kemp (1916); Sewell and Annandale (1922)
<i>Solen gravelyi</i> Ghosh, 1920	Chandipur	Ghosh (1920); Subba Rao <i>et al.</i> (1991); Ramakrishna <i>et al.</i> (2004); Mahapatra (2008); Ramakrishna and Dey (2010)
<i>Solen kemp</i> Preston, 1915	Kasafal near Balaramgadi, Chandipur, Devi	Preston (1915); Annandale and Kemp (1916); Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Ramakrishna <i>et al.</i> (2004); Dey and Ramakrishna (2007); Mahapatra (2008); Ramakrishna and Dey (2010)
<i>Solen truncatus</i> Swainson, 1837*	Kasafal north of Budhabalanga, Chandipur, Chilika Lake (Off Balugaon, Rambha Bay, Off Samal Island), Rushikulya Estuary	Preston (1914); Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992); Mahapatra (2008); Ramakrishna and Dey (2010)
<i>Solen vagina</i> Linnaeus, 1758	Odisha Coast, Submarekha Estuary (Talsari)	Subba Rao <i>et al.</i> (1992); Subba Rao and Dey (2000); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mitra <i>et al.</i> (2010); Mohapatra (2010); Ramakrishna and Dey (2010)
Family Pharidae H. Adams & A. Adams, 1856		
<i>Cutellus scalprum</i> (Gould, 1851)	Chilika Lake	Subba Rao <i>et al.</i> (1992); Ramakrishna and Dey (2010)
<i>Siliqua albid</i> (Adams & Reeve, 1850)	Submarekha Estuary (Talsari), Chandipur	Subba Rao <i>et al.</i> (1991, 1992); Mitra <i>et al.</i> (2010); Ramakrishna and Dey (2010)
<i>Siliqua radiata</i> (Linnaeus, 1758)	Talsari, Chandipur, Mahanadi Estuary (Khira Gachha Madeli), Chandrabhaga, Konark, Puri, Chilika Lake (Lake Mouth, Tonda near Sand Hills near Satapada Rest House), Rushikulya Estuary, Chhatrapur, Gopalpur, Bahuda Estuary	Nagabhusanam (1972); Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Maitra (1998); Mitra and Misra (2006); Dey and Ramakrishna (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Ramakrishna and Dey (2010)
<i>Siliqua fasciata</i> (Spengler, 1794)	Chandipur, Gopalpur	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)

Class Scaphopoda Bronn, 1862		
Order Dentaliida Starobogatov, 1974		
Family Dentaliidae Children, 1834		
<i>Dentalium octangulatum</i> Donovan, 1804	Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump), Puri	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Surya Rao <i>et al.</i> (2004); Ramakrishna and Dey (2010)
Class Cephalopoda Cuvier, 1795		
Subclass Nautiloidea Agassiz, 1847		
Order Nautilida Agassiz, 1847		
Family Nautilidae Blainville, 1825		
<i>Nautilus pompilius</i> Linnaeus, 1758	Rushikulya Estuary	Pati <i>et al.</i> (2008)
Order Octopoda Leach, 1818		
Suborder Incirrata Grimpe, 1916		
Superfamily Octopodoidea d'Orbigny, 1839		
Family Octopodidae d'Orbigny, 1839		
<i>Octopus globosus</i> Appelöf, 1886**	Off Gopalpur	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Octopus rugosus</i> Bosc, 1792***	Odisha Coast	Subba Rao <i>et al.</i> (1991)
<i>Octopus vulgaris</i> Cuvier, 1797	Rushikulya Estuary	Pati <i>et al.</i> (2008)
Subclass Coleoidea Bather, 1888		
Order Myopsida Naef, 1916		
Family Loliginidae Lesueur, 1821		
<i>Loligo forbesii</i> Steenstrup, 1857	Gopalpur	Pati <i>et al.</i> (2008)
<i>Loliolus hardwickei</i> (Gray, 1849)	Off Paradip, Off Devi River, Puri, Gopalpur	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Uroteuthis duvaucelii</i> (d'Orbigny, 1835)	Off Paradip, Devi Estuary, Off Puri, Off Gopalpur	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
Order Oegopsida d'Orbigny, 1845		
Family Enoploteluthidae Pfeffer, 1900		
<i>Abrahiopsis lineata</i> (Goodrich, 1896)	Odisha Coast	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
Order Sepiida Zittel, 1895		
Family Sepiidae Keferstein, 1866		
<i>Sepia aculeata</i> Van Hasselt, 1835	Odisha Coast, Balasore Bay	Subba Rao <i>et al.</i> (1991, 1992); Dey and Ramakrishna (2007); Ramakrishna and Dey (2010)
<i>Sepia brevimana</i> Steenstrup, 1875	Odisha Coast	Subba Rao <i>et al.</i> (1991)
<i>Sepia officinalis</i> Linnaeus, 1758	Gopalpur	Pati <i>et al.</i> (2008)
<i>Sepia pharaonis</i> Ehrenberg, 1831	Off Gopalpur	Subba Rao <i>et al.</i> (1991); Ramakrishna and Dey (2010)
<i>Sepiella inermis</i> (Van Hasselt, 1835)	Balasore Bay, Off Paradip, Off Devi River, Puri (Swargadwar Beach), Chilika Lake, Gopalpur	Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Mohapatra (2001); Dey and Ramakrishna (2007); Mahapatra (2008); Ramakrishna and Dey (2010)
Family Sepiolidae Leach, 1817		
<i>Euprymna berryi</i> Sasaki, 1929	Odisha Coast	Ramakrishna and Dey (2010)
<i>Inioteuthis japonica</i> (d'Orbigny, 1845)	Odisha Coast	Ramakrishna and Dey (2010)
<i>Inioteuthis maculosa</i> Goodrich, 1896	Odisha Coast	Ramakrishna and Dey (2010)
Class Gastropoda Cuvier, 1795		
Clade Patellogastropoda Lindberg, 1986		
Superfamily Patelloidea Rafinesque, 1815		
Family Patellidae Rafinesque, 1815		
<i>Cellana radiata radiata</i> (Born, 1778)	Mahanadi Estuary (Paradip), Rushikulya Estuary, Gopalpur Port, Gopalpur, Bahuda Estuary	Subba Rao <i>et al.</i> (1991); Surya Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009b)
Clade Vetigastropoda Salvini-Plawen, 1980		
Superfamily Fissurelloidea Fleming, 1822		
Family Fissurellidae Fleming, 1822		
<i>Diodora bombayana</i> (Sowerby, 1862)	Gopalpur, Puri	Subba Rao <i>et al.</i> (1991); Pati <i>et al.</i> (2009b)
<i>Diodora singaporensis</i> (Reeve, 1850)	Odisha Coast	Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007)
Superfamily Trochoidea Rafinesque, 1815		
Family Trochidae Rafinesque, 1815		
<i>Euchelus alabastrum</i> Reeve, 1857	Puri	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Euchelus horridus</i> (Philippi, 1846)	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Trochus maculatus</i> Linnaeus, 1758	Gopalpur	Tudu and Mohapatra (2012)

<i>Umbonium vestiarius</i> (Linnaeus, 1758)	Subarnarekha Estuary (Talsari), Mahanadi Estuary (Gangolia, Khira Gachha Madeli, Lion's Rump, Paradip), Chilika Lake, Konark, Rushikulya Estuary, Chhatrapur, Gopalpur, Bahuda Estuary	Preston (1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Mohapatra (2001); Subba Rao (2003); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Mitra <i>et al.</i> (2010); Pati and Panigrahy (2012)
Family Calliostomatidae Thiele, 1924 (1847)		
<i>Calliostoma tranquebaricum</i> (Röding, 1798)	Puri	Rajagopal and Mookherjee (1978); Subba Rao (2003)
Family Solariellidae Powell, 1951		
<i>Solariella bellula</i> Melvill & Standen	Puri	Subba Rao (2003)
<i>Solariella satparaensis</i> Preston, 1914	Off Puri, Chilika Lake (Mahisa, Satapada, Off Satapada Island)	Preston (1914, 1915); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1992, 1995)
Superfamily Turbinoidea Rafinesque, 1815		
Family Turbinidae Rafinesque, 1815		
<i>Turbo bruneus</i> (Röding, 1798)	Dhamara Estuary	Dutta (2007)
Family Skeneidae W. Clark, 1851		
<i>Leucorhynchia variegata</i> (Preston, 1914)	Chilika Lake (Manikapatana)	Preston (1914); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
Family Liotiidae Gray, 1850		
<i>Cyclostrema eburnea</i> G. Nevill & H. Nevill, 1875	Puri	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Cyclostrema microscopica</i> Nevill, 1877	Chilika Lake (Serua Nadi)	Preston (1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1992, 1995)
Superfamily Phasianelloidea Swainson, 1840		
Family Phasianellidae Swainson, 1840		
<i>Tricolia indica</i> Winckworth, 1940	Puri	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
Clade Cycloneritomorpha Frýda, 1998		
Superfamily Neritoidea Rafinesque, 1815		
Family Neritidae Rafinesque, 1815		
<i>Clithon oualaniensis</i> (Lesson, 1831)	Konark, Kusabhadra Estuary, Brahmagiri, Chilika Lake (Arakhakuda), Rushikulya Estuary, Gopalpur	Subba Rao <i>et al.</i> (1991, 1995); Mohapatra (2001, 2010); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Pati <i>et al.</i> (2008); Pati and Panigrahy (2012)
<i>Nerita albicilla</i> Linnaeus, 1758	Mahanadi Estuary (Paradip)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao (2003)
<i>Nerita balteata</i> Reeve, 1855	Subarnarekha Estuary (Talsari), Kasafal, Mahanadi Estuary (Hukitola)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao (2003); Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Nerita (Argonerita) chamaeleon</i> Linnaeus, 1758	Mahanadi Estuary (Paradip)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998)
<i>Nerita (Argonerita) squamulata</i> Le Guillou, 1841	Mahanadi Estuary (Paradip)	Subba Rao <i>et al.</i> (1991); Surya Rao and Subba Rao (1991); Surya Rao and Maitra (1998)
<i>Nerita (Linnerita) polita</i> Linnaeus, 1758	Dhamara Estuary	Dutta (2007)
<i>Neritina smithi</i> (Wood, 1828)	Subarnarekha Estuary (Kirtania, Talsari)	Mitra <i>et al.</i> (2010)
<i>Neritina violacea</i> (Gmelin, 1791)	Talsari, Mahanadi Estuary (Khira Gachha Madeli, Paradip)	Rajagopal and Mookherjee (1978); Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Mohapatra (2001, 2010); Surya Rao <i>et al.</i> (2004); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007)
<i>Pseudonerita amoena</i> (Gould, 1847)	Rushikulya Estuary	Subba Rao (2003)
<i>Pseudonerita sulculosa</i> (von Martens, 1879)	Mahanadi Estuary (False Point, Khira Gachha Madeli, Lion's Rump, Paradip Port)	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao (2003)
<i>Smaragdia souverbiana</i> (Montrouzier, 1863)	Chilika Lake (Barhampura, Mahisa, Outer Channel)	Preston (1915); Annandale and Kemp (1916)
<i>Smaragdia (Smaragdella) mamilla</i> Annandale, 1924	Chilika Lake (Serua Nadi)	Annandale (1924); Subba Rao <i>et al.</i> (1991)
Clade Sorbeoconcha Ponder & Lindberg, 1997		
Superfamily Cerithioidea Fleming, 1822		
Family Cerithiidae Fleming, 1822		
<i>Cerithium echinatum</i> Lamarck, 1822	Dhamara Estuary	Dutta (2007)
<i>Clypeomorus bifasciatus</i> (G.B. Sowerby II, 1855)	Dhamara Estuary	Dutta (2007)
Family Litiopidae Gray, 1847		
<i>Alaba blanfordi</i> A. Adams, 1862****	Puri, Chilika Lake (Nalaban Wildlife Sanctuary)	Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2006); Sahu and Sethy (2008)
<i>Gibborissoa virgata</i> (Philippi, 1849)	Chilika Lake (Barakuda island, Barhampura, Mahisa, Nalaban Wildlife Sanctuary, Outer Channel, Palur, Rambha, Sanakuda Island, Satapada, Serua Nadi)	Preston (1914, 1915); Annandale and Kemp (1916); Sewell and Annandale (1922); Annandale (1924); Rao (1987); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2006); Sahu and Sethy (2008)
Family Planaxidae Gray, 1850		
<i>Chilkaia imitatrix</i> Preston, 1915	Chilika Lake (Mahisa, Outer Channel, Serua Nadi)	Preston (1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995); Subba Rao (2003)
<i>Planaxis niger</i> Quoy & Gaimard, 1833	Mahanadi Estuary (Paradip Port)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao (2003)
Family Potamididae H. Adams & A. Adams, 1854		
<i>Cerithidea alata</i> (Philippi, 1849)	Subarnarekha Estuary (Talsari)	Mitra <i>et al.</i> (2010)
<i>Cerithidea cingulata</i> (Gmelin, 1791)	Subarnarekha Estuary (Kirtania, Talsari), Budhabalanga Estuary, Chandipur, Dhamara Estuary, Mahanadi Estuary (Hukitola, Khira Gachha Madeli, Lion's Rump, Machhagaon, Paradip), Devi Estuary near Sonadhara, Chilika Lake (Balugaon, Barkul, Barhampura Islands, North West of Barakuda, Cheriyaakuda, Gopakuda, Kalijai Island, Mahisa, Manikapatana, Nalaban Island, Rambha, Satapada Island), Rushikulya Estuary, Gopalpur Port, Gopalpur, Bahuda Estuary	Preston (1914, 1915); Annandale and Kemp (1916); Sewell and Annandale (1922); Patnaik (1971); Rajagopal and Mookherjee (1982); Subba Rao <i>et al.</i> (1991, 1992, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2006, 2007); Dutta (2007); Sahu <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009a, 2009b); Sahu and Sethy (2008); Mahapatra <i>et al.</i> (2009); Mitra <i>et al.</i> (2010); Mohapatra (2010); Pati and Panigrahy (2012)

<i>Cerithidea obtusa</i> (Lamarck, 1822)	Submarekha Estuary (Talsari), Kasafal, Chandipur, Mahanadi Estuary (False Point, Khira Gachha Madeli), Gopalpur, Gopalpur Creek	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Mohapatra (2001); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010)
<i>Telescopium telescopium</i> (Linnaeus, 1758)	Submarekha Estuary (Kirtania, Talsari), Talaborai, Budhabalanga Estuary, Bagda, Mahanadi Estuary (False Point, Hukitola, Khira Gachha Madeli, Lion's Rump, Paradip), Konark, Chilika Lake (Barakuda, Barkul Island, Chheriyakuda near Rambha, Manikapatana, Outer Channel), Rushikulya Estuary, Chhatrapur, Gopalpur, Bahuda Estuary	Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Mohapatra (2001, 2010); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Mitra <i>et al.</i> (2010); Pati and Panigrahy (2012)
<i>Terebralia palustris</i> (Linnaeus, 1767)	Mahanadi Estuary (Khira Gachha Madeli), Gopalpur Creek	Subba Rao <i>et al.</i> (1991); Surya Rao and Subba Rao (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003)
Family Siliquariidae Anton, 1838		
<i>Siliquaria tostus</i> (Mörch, 1861)	Off Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Siliquaria (Siliquaria) anguina</i> (Linnaeus, 1758)	Off Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Tenagodus cumingii</i> (Mörch, 1861)	Off Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Tenagodus trochlearis</i> (Mörch, 1861)	Off Ganjam Coast, Off Gopalpur	Jenkins (1912); Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Tenagodus muricatus</i> (Born, 1780)*****	Off Gopalpur	Annandale (1911)
Family Turritellidae Lovén, 1847		
<i>Turritella acutangula</i> (Linnaeus, 1758)	Submarekha Estuary (Talsari, Udayapur), Talaborai, Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump, Paradip), Chilika Lake, Chandrabhaga, Konark, Puri, Ganjam Coast, Chhatrapur	Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Mohapatra (2001, 2010); Mahapatra (2008); Mitra <i>et al.</i> (2010)
<i>Turritella attenuata</i> Reeve, 1849	Talsari, Puri	Rajagopal and Mookherjee (1982); Subba Rao <i>et al.</i> (1992); Subba Rao (2003); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mohapatra (2010)
<i>Turritella columnaris</i> Kiener, 1843	Mahanadi Estuary (Khira Gachha Madeli), Chilika Lake, Chhatrapur, Rushikulya Estuary, Bahuda Estuary	Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008)
<i>Turritella duplicata</i> (Linnaeus, 1758)	Dhamara Estuary	Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Dutta (2007); Ramakrishna <i>et al.</i> (2007)
<i>Turritella fultoni</i> Melvill & Standen, 1901	Puri	Subba Rao <i>et al.</i> (1991)
Clade Littorinimorpha Golikov & Starobogatov, 1975		
Superfamily Calyptraeioidea Lamarck, 1809		
Family Calyptraeidae Lamarck, 1809		
<i>Calyptraea extinctorium</i> Lamarck, 1822	Mahanadi Estuary (Khira Gachha Madeli)	Mookherjee (1985); Surya Rao and Maitra (1998); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Crepidula walshi</i> (H. Adams & A. Adams, 1858)	Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump), Puri, Off Ganjam Coast	Mookherjee (1985); Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007)
Superfamily Cypraeoidea Rafinesque, 1815		
Family Cypraeidae Rafinesque, 1815		
<i>Erosaria ocellata</i> (Linnaeus, 1758)	Rushikulya Estuary	Rama Rao <i>et al.</i> (1992)
<i>Mauritia arabica</i> (Linnaeus, 1758)	Rushikulya Estuary	Rama Rao <i>et al.</i> (1992)
<i>Monetaria moneta</i> (Linnaeus, 1758)	Odisha Coast (Occurrence is doubtful)	Subba Rao and Dey (2000); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
Superfamily Ficoidea Meek, 1864 (1840)		
Family Ficidae Meek, 1864 (1840)		
<i>Ficus ficus</i> (Linnaeus, 1758)	Balasore Bay, Rushikulya Estuary, Bahuda Estuary	Mookherjee (1985); Subba Rao <i>et al.</i> (1991); Surya Rao <i>et al.</i> (2004); Pati <i>et al.</i> (2008)
<i>Ficus gracilis</i> (G.B. Sowerby I, 1825)	Balasore Bay, East of Puri, Rushikulya Estuary, Bahuda Estuary	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao and Dey (2000); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Pati <i>et al.</i> (2009a); Mohapatra (2010); Pati and Panigrahy (2012)
<i>Ficus investigatoris</i> (E.A. Smith., 1906)	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Subba Rao and Dey (2000); Subba Rao (2003)
<i>Ficus variegata</i> Röding, 1798	Mahanadi Estuary (Odisha Coast, Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump, Paradip), Off Paradip, Puri, Rushikulya Estuary, Gopalpur, Bahuda Estuary	Mookherjee (1985); Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009a, 2009b); Pati and Panigrahy (2012)
Superfamily Littorinoidea Children, 1834		
Family Littorinidae Children, 1834		
<i>Echinolittorina leucosticta</i> (Philippi, 1847)	Gopalpur Creek	Satpathy (1990)
<i>Littoraria intermedia</i> (Philippi, 1846)	Gopalpur Creek	Satpathy (1990)
<i>Littoraria melanostoma</i> (Gray, 1839)	Submarekha Estuary (Kirtania, Talsari), Mahanadi Estuary (False Point, Hukitola, Khira Gachha Madeli)	Rajagopal and Mookherjee (1982); Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Mohapatra (2001); Subba Rao (2003); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010)

<i>Littoraria scabra</i> (Linnaeus, 1758)	Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary (Hukitola, Lion's Rump, Paradip), Chhatrapur, Gopalpur	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Mohapatra (2001); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010)
<i>Littoraria undulata</i> (Gray, 1839)	Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary (Hukitola, Paradip Port), Gopalpur Port, Gopalpur, Bahuda Estuary	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Mitra <i>et al.</i> (2010); Mohapatra (2010)
<i>Nodilittorina pyramidalis</i> (Quoy & Gaimard, 1833)	Odisha Coast, Mahanadi Estuary (Paradip)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao (2003); Surya Rao <i>et al.</i> (2004)
Superfamily Naticoidea Guilding, 1834		
Family Naticidae Guilding, 1834		
<i>Eunaticina papilla</i> (Gmelin, 1791)	24 miles South East of Gopalpur	Subba Rao <i>et al.</i> (1991)
<i>Glossaulax didyma</i> (Röding, 1798)	Balasore, Subarnarekha Estuary (Talsari, Udayapur), Balaramgadi, Budhabalanga Estuary, Chandipur, Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump, Paradip), Puri, Gopalpur	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Mohapatra (2001); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009b); Mitra <i>et al.</i> (2010)
<i>Natica lineata</i> (Röding, 1798)	Subarnarekha Estuary (Talsari), Kasafal near Balaramgadi, Chandipur, Dhamara Estuary, Mahanadi Estuary (Khira Gachha Madeli, Paradip), Off Puri, Chhatrapur	Mookherjee (1985); Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Mitra and Misra (2006); Dutta (2007); Ramakrishna <i>et al.</i> (2007); Mitra <i>et al.</i> (2010)
<i>Natica maculosa</i> Lamarck, 1822	Dhamara Estuary, Chilika Lake (Satapada)	Preston (1915); Dutta (2007)
<i>Natica marochiensis</i> (Gmelin, 1791)	Chilika Lake (Satapada), Gopalpur Creek	Preston (1915); Mookherjee (1985); Satpathy (1990); Pati <i>et al.</i> (2008)
<i>Natica vitellus</i> (Linnaeus, 1758)	Subarnarekha Estuary (Talsari, Udayapur), Mahanadi Estuary (Khira Gachha Madeli), Chilika Lake, Rushikulya Estuary, Chhatrapur, Off Gopalpur, Gopalpur, Bahuda Estuary	Mookherjee (1985); Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Subba Rao (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009a); Mitra <i>et al.</i> (2010); Pati and Panigrahy (2012)
<i>Notocochlis gualteriana</i> (Récluz, 1844)	Chandrabhaga Beach, Chilika Lake, Palur Canal, Rushikulya Estuary, Bahuda Estuary	Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Subba Rao (1991); Rama Rao <i>et al.</i> (1992); Subba Rao and Dey (2000); Mohapatra (2001); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2009a)
<i>Notocochlis tigrina</i> (Röding, 1798)	Balasore, Subarnarekha Estuary (Talsari, Udayapur), Talaborai, Bagda near Balaramgadi, Mahanadi Estuary (Hukitola, Lion's Rump, Paradip), Chilika Lake	Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Maitra (1998); Mohapatra (2001, 2010); Surya Rao <i>et al.</i> (2004); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010)
<i>Polinices mammilla</i> (Linnaeus, 1758)	Subarnarekha Estuary (Talsari), Chandipur, Paradip, Puri Coast	Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010); Mohapatra (2010)
<i>Polinices (Mammilla) tumidus</i> (Swainson, W.A., 1840)	Talaborai, Balaramgadi, Chandipur, Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump, Paradip), Chandrabhaga Beach, Rushikulya Estuary, Bahuda Estuary	Subba Rao <i>et al.</i> (1991); Surya Rao and Subba Rao (1991); Surya Rao and Maitra (1998); Pati <i>et al.</i> (2008, 2009a); Pati and Panigrahy (2012)
<i>Sinum delesserti</i> (Récluz in Chenu, 1843)	Mahanadi Estuary (False Point)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao (2003)
<i>Sinum neritoideum</i> (Linnaeus, 1758)	Kasafal, Mahanadi Estuary (Paradip), Puri	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Stigmaulax sulcata</i> (Born, 1778)	Odisha Coast	Subba Rao and Dey (2000)
Superfamily Rissosoidea Gray, 1847		
Family Assimineidae H. Adams & A. Adams, 1856		
<i>Assiminea beddomeana</i> Nevill, 1880	Subarnarekha Estuary (Kirtania, Talsari)	Mitra <i>et al.</i> (2010)
<i>Assiminea brevicula</i> (Pfeiffer, 1855)	Subarnarekha Estuary (Kirtania, Talsari)	Mitra <i>et al.</i> (2010)
<i>Assiminea theobaldiana</i> Nevill, 1880	Mahanadi Estuary (Khira Gachha Madeli)	Surya Rao and Maitra (1998)
<i>Assiminea woodmasoniana</i> Nevill, 1880	Mahanadi Estuary (Khira Gachha Madeli)	Surya Rao and Maitra (1998)
Family Hydrobiidae Stimpson, 1865		
<i>Peringia ulvae</i> (Pennant, 1777)	Gopalpur Creek	Satpathy (1990)
Family Iravadiidae Thiele, 1928		
<i>Iravadia ornata</i> Blanford, 1867	Mahanadi Estuary (False Point)	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998)
Superfamily Stromboidea Rafinesque, 1815		
Family Rostellariidae Gabb, 1868		
<i>Rostellariella delicatula</i> (G. Nevill, 1881)	Balasore Bay	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
Family Strombidae Rafinesque, 1815		
<i>Gibberulus gibberulus gibberulus</i> (Linnaeus, 1758)	Puri	Subba Rao <i>et al.</i> (1991)
<i>Laevistrombus turturella</i> (Röding, 1798)	Chilika Lake (Outer Channel, Satapada)	Preston (1915)
Superfamily Tonnoidea Suter, 1913 (1825)		
Family Cassidae Latreille, 1825		
<i>Phalium areola</i> (Linnaeus, 1758)	Chandipur, Mahanadi Estuary (Khira Gachha Madeli, Paradip), Chilika Lake, Chhatrapur, Gopalpur	Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009b); Mohapatra (2010)
<i>Semicassiss bisulcata</i> (Schubert & Wagner, 1829)	Chandipur, Mahanadi Estuary (Lion's Rump), Off Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Semicassiss canaliculata</i> (Bruguère, 1792)	Chilika Lake, Gopalpur	Mookherjee (1985); Subba Rao <i>et al.</i> (1995); Ramakrishna <i>et al.</i> (2007)

Family Tonnidae Suter, 1913 (1825)		
<i>Tonna dolium</i> (Linnaeus, 1758)	Odisha Coast, Submarekha Estuary (Talsari), Talaborai, Budhabalanga River, Chandipur, Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump), Rushikulya Estuary, Bahuda Estuary Dhamara Estuary	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009a); Mitra <i>et al.</i> (2010); Pati and Panigrahy (2012) Dutta (2007)
<i>Tonna galea</i> (Linnaeus, 1758)		
<i>Tonna sulcosa</i> (Born, 1778)	Balasure Bay, Dhamara Estuary, Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump)	Preston (1910); Mookherjee (1985); Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao (2003); Dutta (2007)
Family Bursidae Thiele, 1925		
<i>Bufo naria crumena</i> (Lamarck, 1816)	Chhatrapur	Subba Rao <i>et al.</i> (1991)
<i>Bufo naria echinata</i> (Link, 1807)	Balasure Bay, Submarekha Estuary (Kirtania, Talsari), Dhamara Estuary, Mahanadi Estuary (Estuary)	Mookherjee (1985); Subba Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Dutta (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010); Mohapatra (2010)
<i>Bufo naria rana</i> (Linnaeus, 1758)	Balasure Bay, Submarekha Estuary (Kirtania, Talsari), Chandipur, Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump, Paradip), Puri Coast, Rushikulya Estuary, Gopalpur, Bahuda Estuary	Mookherjee (1985); Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009a, 2009b); Mitra <i>et al.</i> (2010); Mohapatra (2010); Pati and Panigrahy (2012)
<i>Bursa granularis</i> (Röding, 1798)	Odisha Coast, Ganjam Coast	Subba Rao <i>et al.</i> (1991); Subba Rao and Dey (2000); Surya Rao <i>et al.</i> (2004)
Family Personidae Gray, 1854		
<i>Distorsio reticularis</i> (Linnaeus, 1758)	Puri, Ganjam Coast, Rushikulya Estuary	Mookherjee (1985); Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
Family Ranellidae Gray, 1854		
<i>Biplex pulchella</i> (G.B. Sowerby I, 1825)	Odisha Coast	Subba Rao (2003)
<i>Gyrineum natator</i> (Röding, 1798)	Mahanadi Estuary (Paradip)	Surya Rao and Maitra (1998); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Ranularia tripa</i> (Lamarck, 1822)	Palur Canal, Rushikulya Estuary	Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992)
Superfamily Vanikoroidea Gray, 1840		
Family Vanikoridae Gray, 1840		
<i>Vanikoro cancellata</i> (Lamarck, 1822)	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004)
Superfamily Xenophoroidea Troschel, 1852 (1840)		
Family Xenophoridae Troschel, 1852 (1840)		
<i>Stellaria solaris</i> (Linnaeus, 1764)	Balasure Bay, Dhamara Estuary, Mahanadi Estuary (Khira Gachha Madeli), Off Gopalpur	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Dutta (2007); Ramakrishna <i>et al.</i> (2007)
<i>Xenophora indica</i> (Gmelin, 1791)	Mahanadi Estuary (Paradip), Puri	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003)
<i>Xenophora (Xenophora) corrugata</i> (Reeve, 1842)	Gopalpur	Mookherjee (1985); Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
"Group" Ptenoglossa Gray, 1853		
Superfamily Epitonioidae Berry, 1910 (1812)		
Family Epitoniidae Berry, 1910 (1812)		
<i>Amaea minor</i> (Sowerby II, 1873)	Chandipur, Mahanadi Estuary (Khira Gachha Madeli)	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Eglistia tricarinata</i> A. Adams & Reeve, 1850	Off Puri	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Epitonium hamatulae</i> Preston, 1915	Chilika Lake (Channel off Barhampura Island)	Preston (1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
<i>Epitonium immaculatum</i> (G. B. Sowerby II, 1844)	Chandipur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003); Surya Rao <i>et al.</i> (2004)
Superfamily Eulimoidea Philippi, 1853		
Family Eulimidae Philippi, 1853		
<i>Melanella oxytata</i> (Watson, 1883)	Off Ganjam Coast	Subba Rao <i>et al.</i> (1991); Subba Rao and Dey (2000)
<i>Niso pyramidelloides</i> Nevill, 1871	Off Puri, Puri	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao <i>et al.</i> (2004)
Clade Neogastropoda Wenz, 1938		
Superfamily Buccinoidea Rafinesque, 1815		
Family Buccinidae Rafinesque, 1815		
<i>Cantharus tranquebaricus</i> (Gmelin, 1791)	Balasure Bay, Black Pagoda near Konark	Subba Rao <i>et al.</i> (1991)
<i>Nassaria acuminata</i> (Reeve, 1844)	Odisha Coast	Subba Rao and Dey (2000); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Nassaria nivea</i> (Gmelin, 1791)	Puri, Ganjam Coast	Subba Rao <i>et al.</i> (1991)
<i>Nassaria pusilla</i> (Roeding, 1798)	Puri, Ganjam Coast	Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
Family Colubrariidae Dall, 1904		
<i>Colubraria muricata</i> (Lightfoot, 1786)	Off Gopalpur	Subba Rao <i>et al.</i> (1991)
Family Columbellidae Swainson, 1840		
<i>Pseudanachis duclosiana</i> (G.B. Sowerby I, 1844)	Odisha Coast	Subba Rao <i>et al.</i> (1992); Subba Rao and Dey (2000); Subba Rao (2003)
Family Fascioliariidae Gray, 1853		
<i>Fusinus colus</i> (Linnaeus, 1758)	Chandipur, Chhatrapur, Off Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
Family Nassariidae Iredale, 1916 (1835)		
<i>Bullia tranquebarica</i> (Röding, 1798)	Puri	Subba Rao <i>et al.</i> (1991); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Bullia vittata</i> (Linnaeus, 1767)	Chandipur, Mahanadi Estuary (Khira Gachha Madeli), Konark, Puri, Chilika Lake (Lake Mouth), Rushikulya Estuary, Chhatrapur, Gopalpur Port, Bahuda Estuary	Preston (1915); Nagabushanam (1972); Subba Rao <i>et al.</i> (1991, 1995); Pattanaik (1993); Surya Rao and Maitra (1998); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Mohapatra (2010); Pati and Panigrahy (2012)

<i>Cyllene fuscata</i> Adams & Reeve, 1849	Balasure, Mahanadi Estuary (Hukitola), Puri	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998)
<i>Hebra subspinosa</i> (Lamarck, 1822)	Chilika Lake (Channel between Satapada and Manikapatana)	Preston (1914); Annandale and Kemp (1916); Annandale (1924)
<i>Nassarius burcharidi</i> (Dunker in Philippi, 1849)	Chilika Lake (Nalabana, Channel between Satapada and Manikapatana)	Preston (1914); Annandale and Kemp (1916); Annandale (1924)
<i>Nassarius callospira</i> (A. Adams, 1852)	Chhatrapur	Subba Rao <i>et al.</i> (1991)
<i>Nassarius comptus</i> (A. Adams, 1852)	Odisha Coast	Subba Rao <i>et al.</i> (1991)
<i>Nassarius conoidalis</i> (Deshayes in Belanger, 1832)	Puri, Chhatrapur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Nassarius dorsatus</i> (Röding, 1798)	Mahanadi Estuary (Lion's Rump), Puri	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998)
<i>Nassarius foveolatus</i> (Dunker, 1847)	Subarnarekha Estuary (Kirtania, Talsari), Chilika Lake (Satapada)	Preston (1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1992, 1995); Mohapatra (2001); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010)
<i>Nassarius fretorum</i> (Melvill & Standen, 1899)	Balasure Bay	Preston (1910); Subba Rao <i>et al.</i> (1991)
<i>Nassarius glans</i> (Linnaeus, 1758)	Balasure Bay, Black Pagoda near Konark, Puri, Off Puri, Ganjam Coast	Subba Rao <i>et al.</i> (1991)
<i>Nassarius jacksonianus</i> (Quoy & Gaimard, 1833)	Puri, Chilika Lake (Channel between Satapada & Manikapatna)	Subba Rao <i>et al.</i> (1991, 1995); Subba Rao (2003); Das (2004)
<i>Nassarius livescens</i> (Philippi, 1849)	Chilika Lake	Subba Rao <i>et al.</i> (1991, 1995); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Nassarius orissaensis</i> (Preston, 1914)	Chilika Lake Lagoon (Balugaon, Barakuda Is, Manikapatana, Nalaban Wildlife Sanctuary, Rambha Bay)	Preston (1914, 1915); Annandale and Kemp (1916); Sewell and Annandale (1922); Annandale (1924); Patnaik (1971); Rao (1987); Subba Rao <i>et al.</i> (1991, 1995); Ramakrishna <i>et al.</i> (2006)
<i>Nassarius pullus</i> (Linnaeus, 1758)	Ganjam Coast, Chhatrapur	Subba Rao <i>et al.</i> (1991); Mahapatra (2008)
<i>Nassarius stolatus</i> (Gmelin, 1791)	Balasure, Subarnarekha Estuary (Kirtania), Kasafal, Chandipur, Mahanadi Estuary (Gangolia, Hukitola, Khira Gachha Madeli), Chilika Lake (Nalaban Wildlife Sanctuary, Satapada, Serua Nadi), Chhatrapur	Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Maitra (1998); Mohapatra (2001); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2006, 2007); Mahapatra (2008); Sahu and Sethy (2008); Mitra <i>et al.</i> (2010)
<i>Nassarius subconstrictus</i> (Sowerby, 1899)	Mahanadi Estuary (Lion's Rump), Chilika Lake (Balugaon, Barakuda, Barkul, Barunakuda, Barhampura, Manikapatna, Nalabana, Rambha, Satapada, Serua Nadi)	Preston (1914, 1915); Sewell and Annandale (1922); Subba Rao <i>et al.</i> (1991, 1995); Surya Rao and Maitra (1998); Subba Rao (2003); Ramakrishna <i>et al.</i> (2006)
<i>Nassarius vittatus</i> (A. Adams, 1853)	Puri, Chilika Lake (Balugaon, Baradi 22km East of Balugaon, Nalaban Wildlife Sanctuary)	Subba Rao <i>et al.</i> (1991); Ramakrishna <i>et al.</i> (2006); Sahu and Sethy (2008)
Family Melongenidae Gill, 1871 (1854)		
<i>Pugilina cochlidium</i> (Linnaeus, 1758)	Balasure Bay, Subarnarekha Estuary (Kirtania, Talsari), Dhamara Estuary, Mahanadi Estuary (Hukitola, Khira Gachha Madeli, Paradip), Off Paradip, Chilika Lake (Kaliyugeswar)	Subba Rao <i>et al.</i> (1991, 1992, 1995); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Dutta (2007); Ramakrishna <i>et al.</i> (2007); Mitra <i>et al.</i> (2010)
Superfamily Muricoidea Rafinesque, 1815		
Family Muricidae Rafinesque, 1815		
<i>Chicoreus microphyllus</i> (Lamarck, 1816)	Off Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao and Surya Rao (1993); Subba Rao (2003)
<i>Drupella rugosa</i> (Born, 1778)	Black Pagoda near Konark, Chilika Lake (Nalaban Wildlife Sanctuary), Chhatrapur, Gopalpur (North of Light House)	Subba Rao <i>et al.</i> (1991); Subba Rao and Surya Rao (1993); Subba Rao (2003); Ramakrishna <i>et al.</i> (2006); Sahu <i>et al.</i> (2007); Sahu and Sethy (2008); Pati <i>et al.</i> (2009b)
<i>Ergalatax contracta</i> (Reeve, 1846)	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Subba Rao and Surya Rao (1993); Subba Rao (2003); Surya Rao <i>et al.</i> (2004)
<i>Indothais lacera</i> (Born, 1778)	Subarnarekha Estuary (Kirtania, Talsari), Chandipur, Mahanadi Estuary (Hukitola, Khira Gachha Madeli, Lion's Rump), Chilika Lake (Barakuda Island, Breakfast Island, Cheriyaakuda Island, Domkuda near Khallikote, Gopakuda Island, Kaliyugeswar near Balugaon, Kaljaji Island, Manikapatana, Patasanipur, Rambha, Off Samal Island, Satapada)	Preston (1914); Annandale and Kemp (1916); Sewell and Annandale (1922); Annandale (1924); Patnaik (1971); Subba Rao <i>et al.</i> (1991, 1995); Subba Rao and Surya Rao (1993); Surya Rao and Maitra (1998); Mohapatra (2001); Subba Rao (2003); Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Morula (Habromorula) biconica</i> (Blainville, 1832)	Ganjam Coast	Subba Rao <i>et al.</i> (1991); Subba Rao and Surya Rao (1993); Subba Rao and Dey (2000); Subba Rao (2003)
<i>Morula (Morula) granulata</i> (Duclos, 1832)	Gopalpur (North of Light House)	Subba Rao <i>et al.</i> (1991); Surya Rao and Subba Rao (1991); Subba Rao and Surya Rao (1993); Subba Rao (2003); Pati <i>et al.</i> (2009b)
<i>Morula (Morula) nodicostata</i> (Pease, 1868)	Gopalpur	Pati <i>et al.</i> (2009b)
<i>Murex (Murex) carbonieri</i> (Jousseaume, 1881)	Mahanadi Estuary, Chandrabhaga, Konark, Puri, Chhatrapur	Subba Rao and Surya Rao (1993); Surya Rao and Maitra (1998); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007)
<i>Murex (Murex) ternispina</i> Lamarck, 1822	Odisha Coast, Puri	Jenkins (1912); Subba Rao and Surya Rao (1993); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004)
<i>Murex (Murex) trapa</i> Röding, 1798	Odisha Coast, Chandipur, Mahanadi Estuary (Lion's Rump), Off Paradip, Puri	Subba Rao <i>et al.</i> (1991); Subba Rao and Surya Rao (1993); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Mohapatra (2010)
<i>Murex (Murex) tribulus</i> Linnaeus, 1758	Odisha Coast, Subarnarekha Estuary (Talsari), Chandipur, Dhamara Estuary, Paradip, Chandrabhaga, Puri, Rushikulya Estuary, Chhatrapur, Gopalpur, Bahuda Estuary	Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992); Subba Rao and Surya Rao (1993); Subba Rao and Dey (2000); Subba Rao (2003); Mitra and Misra (2006); Dutta (2007); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009a); Mitra <i>et al.</i> (2010)
<i>Murex troscheli</i> Lischke, 1868	Rushikulya Estuary	Pati and Panigrahy (2012)
<i>Naquetia barclayi</i> (Reeve, 1858)	Off Gopalpur	Preston (1910); Subba Rao <i>et al.</i> (1991); Subba Rao and Surya Rao (1993); Subba Rao and Dey (2000); Subba Rao (2003)

<i>Orania subnodulosa</i> (Melvill, 1893)	Mahanadi Estuary (Estuary, Paradip)	Surya Rao and Maitra (1998)
<i>Purpura bufo</i> (Lamarck, 1822)	Mahanadi Estuary (Gangolia, Paradip), Gopalpur (east of Gopalpur Inspection Bungalow, Near Light House)	Subba Rao <i>et al.</i> (1991); Subba Rao and Surya Rao (1993); Surya Rao and Maitra (1998); Subba Rao (2003); Pati <i>et al.</i> (2009b)
<i>Rapana rapiformis</i> (Born, 1778)	Subarnarekha Estuary (Talsari), Balasore Bay, Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump), Puri	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Subba Rao (1991); Subba Rao and Surya Rao (1993); Surya Rao and Maitra (1998); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010); Mohapatra (2010)
<i>Semicrinula marginatra</i> (Blainville, 1832)	Odisha Coast	Surya Rao <i>et al.</i> (2004)
<i>Semicrinula tissoti</i> (Petit de la Saussaye, 1852)	Mahanadi Estuary (Paradip), Paradip Coast, Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao and Surya Rao (1993); Surya Rao and Maitra (1998); Surya Rao <i>et al.</i> (2004); Mahapatra (2008); Pati <i>et al.</i> (2009b)
Family Babyloniidae Kuroda, Habe & Oyama, 1971		
<i>Babylonia spirata</i> (Linnaeus, 1758)	Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump), Off Paradip, Puri (Behind Circuit House), Chilika Lake (Mouth of Lake), Rushikulya Estuary, Chhatrapur, Gopalpur, Bahuda Estuary	Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009a, 2009b); Mohapatra (2010); Pati and Panigrahy (2012)
Family Costellariidae Macdonald, 1860		
<i>Vexillum (Costellaria) mandirella</i> (Ray, 1968)	Off Puri	Subba Rao <i>et al.</i> (1991)
Family Harpidae Bronn, 1849		
<i>Harpa davidis</i> Röding, 1798	Mahanadi Estuary (Khira Gachha Madeli)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Ramakrishna <i>et al.</i> (2007)
Family Marginellidae Fleming, 1828		
<i>Cryptospira elegans</i> (Gmelin, 1791)	Chilika Lake	Subba Rao <i>et al.</i> (1995)
<i>Cryptospira ventricosa</i> (Fischer von Waldheim, 1807)	Off Puri, Puri, Gopalpur (South of Light House)	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao (2003); Pati <i>et al.</i> (2009b)
<i>Volvarina angustata</i> (G.B. Sowerby, 1846)	Ganjam coast	Subba Rao <i>et al.</i> (1991); Surya Rao and Subba Rao (1991); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
Family Mitridae Swainson, 1829		
<i>Neocancilla circula</i> (Kiener, 1838)	Chhatrapur	Subba Rao <i>et al.</i> (1991)
<i>Scabricola fusca</i> (Swainson, 1824)	Puri	Subba Rao and Dey (1984); Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Subcancilla interlirata</i> (Reeve, 1844)	Puri	Subba Rao and Dey (1984); Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
Superfamily Olivoidea Latreille, 1825		
Family Olividae Latreille, 1825		
<i>Agaronia nebulosa</i> (Lamarck, 1811)	Mahanadi Estuary (Lion's Rump), Puri	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007)
<i>Ancilla ampla</i> (Gmelin, 1791)	Subarnarekha Estuary (Talsari, Udayapur), Talaborai, Bagada near Balaramgadi, Chhatrapur	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mitra <i>et al.</i> (2010)
<i>Oliva oliva</i> (Linnaeus, 1758)	Balasore, Kasafal, Mahanadi Estuary (Hukitola, Khira Gachha Madeli), Chandrabhaga, Konark, Puri (Pantha Nivas), Chilika Lake, Prayagi Coast, Rushikulya Estuary, Gopalpur Port, Gopalpur, Bahuda Estuary	Subba Rao <i>et al.</i> (1991, 1995); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2008, 2009a, 2009b); Pati and Panigrahy (2012)
<i>Oliva vidua</i> (Röding, 1798)	Puri, Chhatrapur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Olivancillaria gibbosa</i> Born, 1778	Subarnarekha Estuary (Talsari), Kasafal, Talaborai near Chandipur, Between Balaramgadi & Chandipur, Chandipur, Mahanadi Estuary (Gangolia, Lion's Rump, Paradip), Off Paradip, Konark, Puri, South of Puri, Chilika Lake, Rushikulya Estuary, Chhatrapur, Gopalpur Port, Gopalpur, Bahuda Estuary	Nagabhushanam (1972); Subba Rao <i>et al.</i> (1991, 1992, 1995); Pattanaik (1993); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Pati <i>et al.</i> (2008, 2009a, 2009b); Mitra <i>et al.</i> (2010); Mohapatra (2010); Pati and Panigrahy (2012)
Superfamily Conoidea Fleming, 1822		
Family Borsoniidae Bellardi, 1875		
<i>Tomopleura vertebrata</i> (Smith E. A., 1875)	Off Puri	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao (2003)
Family Clathurellidae H. Adams & A. Adams, 1858		
<i>Lienardia cosmia</i> Winckworth, 1940	Off Puri	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Lienardia graveyi</i> Winckworth, 1940	Off Puri	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
Family Conidae Fleming, 1822		
<i>Conus betulinus</i> Linnaeus, 1758	Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Conus figulinus</i> Linnaeus, 1758	Odisha Coast	Subba Rao <i>et al.</i> (1991)
<i>Conus inscriptus</i> Reeve, 1845	Off Puri, Rushikulya Estuary, Bahuda Estuary	Subba Rao <i>et al.</i> (1991); Pati <i>et al.</i> (2008, 2009a); Pati and Panigrahy (2012)
<i>Conus striatus</i> Linnaeus, 1758	Konark, Puri	Nagabhushanam (1972)
Family Drillidae Olsson, 1964		
<i>Brachytoma major</i> (Reeve, 1843)	Off Puri	Subba Rao <i>et al.</i> (1991)
<i>Drillia euchroes</i> Melvill, 1912	Off Puri	Subba Rao <i>et al.</i> (1991)
<i>Drillia ganjamensis</i> Preston, 1910	Ganjam Coast	Preston (1910); Subba Rao <i>et al.</i> (1991)
Family Mangeliidae P. Fischer, 1883		
<i>Mangelia fulvocincta</i> G. & H. Nevill, 1875	Puri	Subba Rao <i>et al.</i> (1991)
<i>Pseudorhaphitoma fairbanki</i> (G. Nevill & H. Nevill, 1875)	Odisha Coast, Off Puri,	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
Family Pseudomelatomidae Morrison, 1966		
<i>Inquisitor crenularis</i> (Lamarck, 1816)	Chandipur, Konark	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao (2003)
Family Terebridae Mörch, 1852		
<i>Cinguloterebra commaculata</i> (Gmelin, 1791)	Rushikulya Estuary, Bahuda Estuary	Pati <i>et al.</i> (2009a); Pati and Panigrahy (2012)

<i>Euterebra tantilla</i> (E.A. Smith, 1873)	Off Puri	Subba Rao <i>et al.</i> (1991)
<i>Euterebra padangensis</i> (Thiele, 1925)	Off Puri	Subba Rao <i>et al.</i> (1991); Venkitesan and Mukherjee (2011)
<i>Hastula strigilata</i> (Linnaeus, 1758)	Mahanadi Estuary (Khira Gachha Madeli), Konark, Puri, Chhatrapur, Gopalpur, Gopalpur (Light House)	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Pati <i>et al.</i> (2009b); Venkitesan and Mukherjee (2011)
<i>Hastula tenera</i> (Hinds, 1844)	Subarnarekha Estuary (Talsari)	Mitra <i>et al.</i> (2010)
<i>Hastula trailli</i> Deshayes, 1859	Paradip, Puri (East of Pantha Nivas), Gopalpur	Subba Rao <i>et al.</i> (1991); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2009b); Venkitesan and Mukherjee (2011)
<i>Impages bacillus</i> (Deshayes, 1859)	Mahanadi Estuary (Khira Gachha Madeli), Puri, Gopalpur	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Mahapatra (2008); Pati <i>et al.</i> (2009b); Venkitesan and Mukherjee (2011)
<i>Impages stylata</i> (Hinds, 1844)	Odisha Coast	Venkitesan and Mukherjee (2011)
<i>Terebra tricincta</i> E.A. Smith, 1877	Off Puri	Subba Rao <i>et al.</i> (1991, 1992); Venkitesan and Mukherjee (2011)
Family Turridae H. Adams & A. Adams, 1853 (1838)		
<i>Gemma speciosa</i> (Reeve, 1842)	Ganjam Coast, Chhatrapur	Subba Rao <i>et al.</i> (1991)
<i>Lophiotoma indica</i> (Röding, 1798)	Puri, Chhatrapur, Rushikulya Estuary	Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992); Ramakrishna <i>et al.</i> (2007)
<i>Turricula javana</i> (Linnaeus, 1767)	Subarnarekha Estuary (Talsari), Talaborai, Chandipur, Mahanadi Estuary (Khira Gachha Madeli, Lion's Rump), Puri, Chhatrapur, Rushikulya Estuary, Gopalpur	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Surya Rao <i>et al.</i> (2004); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Pati <i>et al.</i> (2008); Mitra <i>et al.</i> (2010); Mohapatra (2010)
<i>Turricula tornatus</i> (Dillwyn, 1817)	Mahanadi Estuary (Creek near Estuary), Puri, Chhatrapur	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Ramakrishna <i>et al.</i> (2007)
<i>Turricula tornatus fulminatus</i> (Kiener, 1839)	Off Devi River	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
Superfamily Cancellarioidea Forbes & Hanley, 1851		
Family Cancellariidae Forbes & Hanley, 1851		
<i>Merica asperella</i> (Lamarck, 1822)	Puri	Subba Rao <i>et al.</i> (1991); Subba Rao and Dey (2000); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Merica elegans</i> (G.B. Sowerby I, 1822)	Chilika Lake	Subba Rao <i>et al.</i> (1995)
<i>Merica oblonga</i> (G.B. Sowerby I, 1825)	Puri	Subba Rao <i>et al.</i> (1991)
<i>Scalptia nassa</i> (Gmelin, 1791)	Puri	Subba Rao <i>et al.</i> (1991)
<i>Scalptia scalariformis</i> (Lamarck, 1822)	Subarnarekha Estuary (Talsari)	Mitra <i>et al.</i> (2010)
Clade Heterobranchia Gray, 1840		
Superfamily Architectonicoidea Gray, 1850		
Family Architectonicidae J.E. Gray In M.E. Gray, 1850		
<i>Architectonica laevigata</i> (Lamarck, 1816)	Chandipur, Dhamara Estuary, Mahanadi Estuary (Khira Gachha Madeli, Paradip), Chandrabhaga, Puri, Rushikulya Estuary, Gopalpur	Rajagopal and Mookherjee (1982); Subba Rao <i>et al.</i> (1991); Rama Rao <i>et al.</i> (1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Dutta (2007); Ramakrishna <i>et al.</i> (2007); Pati <i>et al.</i> (2009b); Mohapatra (2010)
<i>Architectonica perspectiva</i> (Linnaeus, 1758)	Subarnarekha Estuary (Udayapur)	Mitra <i>et al.</i> (2010)
Superfamily Pyramidelloidea Gray, 1840		
Family Amathinidae Ponder, 1987		
<i>Amathina tricarinata</i> (Linnaeus, 1767)	Gopalpur	Subba Rao <i>et al.</i> (1991); Pati <i>et al.</i> (2009b)
Family Pyramidellidae Gray, 1840		
<i>Chrysallida ecclesia</i> Preston, 1915	Chilika Lake (Breakfast Island, Madarchua Bay)	Preston (1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
<i>Chrysallida nadiensis</i> Preston, 1915	Chilika Lake (Kalijai, Mahisa, Nalabana Is., Satapada, Serua Nadi)	Preston (1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
<i>Odostomia babylonica</i> Winckworth, 1940	Off Puri	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao (2003)
<i>Odostomia chilkaensis</i> Preston, 1914	Chilika Lake (Mahisa, Manikapatna, Satapada) Satapada, Serua Nadi)	Preston (1914, 1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
<i>Odostomia oxia</i> Watson, 1886	Subarnarekha Estuary (Kirtania, Talsari)	Mitra <i>et al.</i> (2010)
<i>Orinella pulchella</i> (A. Adams, 1854)	Odisha Coast	Subba Rao <i>et al.</i> (1991)
<i>Quirella humilis</i> (Preston, 1905)	Chilika Lake (Off Barunakuda, Barhampura, Off Barhampura Island, Jahnikuda, south of Kalijai, Mahisa, Nalabana Is., Rambha Bay, Satapada, Serua Nadi)	Preston (1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
<i>Syrnola dubiosa</i> Nevill, 1871	Puri	Subba Rao <i>et al.</i> (1991); Subba Rao (2003)
<i>Turbonilla crichtoni</i> Winckworth, 1940	Puri	Subba Rao <i>et al.</i> (1991)
<i>Turbonilla prashadi</i> Ray, 1968	Off Puri	Subba Rao <i>et al.</i> (1991)
<i>Turbonilla prestoni</i> Ray, 1968	Off Puri	Subba Rao <i>et al.</i> (1991)
<i>Turbonilla puriensis</i> Ray, 1968	Off Puri	Subba Rao <i>et al.</i> (1991)
<i>Turbonilla rambhaensis</i> (Preston, 1914)	Chilika Lake (Nalabana, south east of Nalaban, Outer Channel, Rambha)	Preston (1914, 1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
<i>Turbonilla (Nisiturrus) materna</i> Melvill, 1912	Off Puri	Subba Rao <i>et al.</i> (1991)
<i>Turbonilla (Turbonilla) kempii</i> Ray, 1968	Off Puri	Subba Rao <i>et al.</i> (1991)
Superfamily Ringiculoidea Philippi, 1853		
Family Ringiculidae Philippi, 1853		
<i>Ringicula encarpofereus</i> de Folin, 1878	Odisha Coast	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao (2003)
<i>Ringicula propinquans</i> Hinds, 1844	Off Puri	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)

Clade Cephalaspidea Fischer, 1883		
Superfamily Haminoeidea Pilsbry, 1895		
Family Haminoeidae Pilsbry, 1895		
<i>Alys cylindrica</i> (Helbling, 1779)	Puri	Subba Rao <i>et al.</i> (1991)
<i>Haminoea crocata</i> Pease, 1860	Subarnarekha Estuary (Kirtania, Talsari), Puri Coast, Chilika Lake (Satapada, Serua Nadi)	Preston (1914, 1915); Annandale and Kemp (1916); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1992, 1995); Subba Rao (2003); Mahapatra (2008); Mitra <i>et al.</i> (2010)
Superfamily Philinoidea Gray, 1850 (1815)		
Family Cylichnidae H. Adams & A. Adams, 1854		
<i>Cylichna pyramidata</i> A. Adams, 1850	Off Puri	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao (2003)
<i>Tornatina estriata</i> Preston, 1914	Chilika Lake (Nalabana Is., Satapada)	Preston (1914, 1915); Sewell and Annandale (1922); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995); Subba Rao (2003); Ramakrishna <i>et al.</i> (2006); Sahu and Sethy (2008)
<i>Tornatina soror</i> Preston, 1914	Chilika Lake (Manikapatana)	Preston (1914)
<i>Tornatina townsendi</i> Melvill, 1898	Chilika Lake (Rambha)	Rao (1987)
Clade Sacoglossa Ihering, 1876		
Superfamily Plakobranchoidea Gray, 1840		
Family Plakobranchoidea Gray, 1840		
<i>Elysia chilkaensis</i> Eliot, 1916	Chilika Lake (Mahisa, Rambha)	Eliot (1916); Sewell and Annandale (1922); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
Superfamily Limapontiidea Gray, 1847		
Family Limapontiidae Gray, 1847		
<i>Calliopa bellula</i> d'Orbigny, 1837	Chilika Lake (Rambha)	Sewell and Annandale (1922)
<i>Ercolania pica</i> (Annandale & Prashad, 1922)	Chilika Lake (Rambha)	Sewell and Annandale (1922); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
Clade Cladobranchia Willan & Morton, 1984		
Superfamily Fionoidea Gray, 1857		
Family Pseudovermidae Thiele, 1931		
<i>Pseudovermis indicus</i> Salvini-Plawen & Rao, 1973	Puri, Bahuda Estuary	Chandrasekhara Rao (1989)
<i>Pseudovermis salamandrops</i> Ev. Marcus, 1953	Konark, Puri	Nagabhusanam (1972)
Family Tergipedidae Bergh, 1889		
<i>Cuthona henrici</i> (Eliot, 1916)	Chilika Lake (Off Ghantasila, Rambha)	Eliot (1916); Sewell and Annandale (1922); Annandale (1924); Subba Rao <i>et al.</i> (1991, 1995)
Clade Eupulmonata Haszprunar & Huber, 1990		
Superfamily Ellobioidea L. Pfeiffer, 1854 (1822)		
Family Ellobiidae L. Pfeiffer, 1854 (1822)		
<i>Cassidula nucleus</i> (Gmelin, 1791)	Subarnarekha Estuary (Kirtania, Kankadapal, Talsari)	Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Ellobium aurisjudae</i> (Linnaeus, 1758)	Kasafal 13km from Balaramgadi, Bagda 8km from Balaramgadi, Chandipur, Mahanadi Estuary	Subba Rao <i>et al.</i> (1991, 1992); Subba Rao and Dey (2000); Subba Rao (2003); Surya Rao <i>et al.</i> (2004); Mahapatra (2008)
<i>Ellobium gangeticum</i> (Benson, in Pfeiffer, 1855)	Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary (False Point, Khira Gachha Madeli, Paradip)	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Mahapatra (2001); Subba Rao (2003); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010)
<i>Laemodonta monilifera</i> (H. Adams & A. Adams, 1854)	Odisha Coast	Subba Rao (2003)
<i>Melampus ceylonicus</i> Petit, 1841	Chilika Lake	Subba Rao <i>et al.</i> (1995); Subba Rao (2003); Ramakrishna <i>et al.</i> (2007)
<i>Melampus pulchellus</i> (Petit de la Saussaye, S., 1843)	Mahanadi Estuary	Mahapatra (2008)
<i>Pythia plicata</i> (Gray, 1825)	Subarnarekha Estuary (Kirtania, Talsari), Mahanadi Estuary (False point, Lion's Rump, Paradip)	Subba Rao <i>et al.</i> (1991, 1992); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Mahapatra (2001); Subba Rao (2003); Mitra and Misra (2006); Ramakrishna <i>et al.</i> (2007); Mahapatra (2008); Mitra <i>et al.</i> (2010)
Clade Systellommatophora Pilsbry, 1948		
Superfamily Onchidioidea Rafinesque, 1815		
Family Onchidiidae Rafinesque, 1815		
<i>Onchidium tenerum</i> Stoliczka, 1869	Mahanadi Estuary (Paradip)	Surya Rao and Maitra (1998)
<i>Onchidium typhae</i> Buchanan, 1800	Subarnarekha Estuary (Kirtania, Talsari)	Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
<i>Peronia verruculata</i> (Cuvier, 1830)	Mahanadi Estuary	Subba Rao <i>et al.</i> (1991); Surya Rao and Maitra (1998); Subba Rao and Dey (2000); Subba Rao (2003)

Solen truncatus* Swainson, 1837 [nomen nudum]**Octopus rugosus* Bosc, 1792 [species inquirenda]*****Tenagodus muricatus* (Born, 1780) [species inquirenda]***Octopus globosus* Appelöf, 1886 [species inquirenda]*****Alaba blanfordi* A. Adams, 1862 [species inquirenda]**Table 20.** Checklist of Sipuncula recorded from the Odisha coast

Phylum Sipuncula Rafinesque, 1814*	Locality	References
Class Sipunculidea Cutler & Gibbs, 1985		
Order Sipunculiformes Cutler & Gibbs, 1985		
Family Sipunculidae Stephenson & Edmonds, 1972		
<i>Siphonosoma australe</i> (Keferstein, 1865)	Chilika Lake (Mouth of Lake)	Haldar (1995b)
Class Phascolosomatidea Cutler & Gibbs, 1985		
Order Phascolosomatiformes Cutler & Gibbs, 1985		
Family Phascolosomatidae Stephen & Edmonds, 1972		
<i>Phascolosoma (Phascolosoma) arcuatum</i> (Gray, 1828)	Subarnarekha Estuary (Talsari)	Mitra <i>et al.</i> (2010)

*Currently, a distinct class in the phylum Annelida.

Table 21. Checklist of Bryozoa recorded from the Odisha coast

Phylum Bryozoa Ehrenberg, 1831	Locality	References
Class Stenolaemata Borg, 1941		
Order Cyclostomata Busk, 1852		
Suborder Tubuliporina Milne-Edwards, 1838		
Family Tubuliporidae Johnston, 1838		
<i>Exidmonea gracillima</i> Busk, 1875	4 miles South of Ganjam	Robertson (1921)
Class Gymnolaemata Allman, 1856		
Order Ctenostomata Busk, 1852		
Superfamily Alcyonidoidea Johnston, 1838		
Family Alcyoniidae Johnston, 1838		
<i>Alcyonioides mytili</i> (Dalyell, 1848)	Puri beach, Chilika Lake	Annandale (1915d); Robertson (1921)
Superfamily Vesicularioidea Johnston, 1847		
Family Vesiculariidae Johnston, 1847		
<i>Bowerbankia gracilis</i> Leidy, 1855	Chilika Lake (Rambha Bay)	Annandale (1915d)
Order Cheilostomata Busk, 1852		
Suborder Malacostegina Levinsen, 1902		
Superfamily Membraniporoidea Busk, 1852		
Family Electridae Stach, 1937		
<i>Conopeum reticulum</i> (Linnaeus, 1767)	Puri Beach, Chilika Lake (Rambha Bay)	Robertson (1921); Sewell and Annandale (1922)
<i>Electra devinensis</i> (Robertson, 1921)	Devi River Mouth/Estuary	Robertson (1921)
Family Membraniporidae Busk, 1852		
<i>Biflustra perfragilis</i> MacGillivray, 1881	Konark, Black Pagoda, Puri Beach, Gopalpur	Robertson (1921)
<i>Jellyella tuberculata</i> (Bosc, 1802)	Puri Beach	Robertson (1921)
<i>Jellyella eburnea</i> (Hincks, 1891)	Puri Beach	Robertson (1921)
<i>Membranipora hugliensis</i> Robertson, 1921	Gopalpur	Pati <i>et al.</i> (2009b)
Suborder Neocheilostomatina d' Hondt, 1985		
Superfamily Calloporoidea Norman, 1903		
Family Calloporidae Norman, 1903		
<i>Parellisina curvirostris</i> (Hincks, 1862)	Off Ganjam Coast	Robertson (1921)
Family Quadricellariidae Gordon, 1984		
<i>Nellia oculata</i> Busk, 1852	Ganjam Coast, Gopalpur	Robertson (1921)
Superfamily Buguloidea Gray, 1848		
Family Beanidae Canu & Bassler, 1927		
<i>Beania ostia</i> Robertson, 1921	Gopalpur	Robertson (1921)
Family Candidae d'Orbigny, 1851		
<i>Caberea lata</i> Busk, 1852	Off Ganjam, Gopalpur	Robertson (1921)
<i>Retiscrupocellaria jolloisi</i> (Audouin, 1826)	Off Ganjam Coast	Robertson (1921)
Superfamily Cribrilloidea Hincks, 1879		
Family Cribrillinae Hincks, 1879		
<i>Cribrillina punctata</i> (Hassall, 1841)	Off Gopalpur	Robertson (1921)
<i>Puellina radiata</i> (Moll, 1803)	Puri, Gopalpur	Robertson (1921)
Superfamily Lepralielloidea Vigneaux, 1949		
Family Lepraliellidae Vigneaux, 1949		
<i>Celleporaria aperta</i> (Hincks, 1882)	Off Ganjam	Robertson (1921)
<i>Celleporaria tridenticulata</i> (Busk, 1881)	Puri	Robertson (1921)
Superfamily Smittinoidea Levinsen, 1909		
Family Bitectiporidae MacGillivray, 1895		
<i>Hippoporina pertusa</i> (Esper, 1796)	Off Ganjam	Robertson (1921)
Family Smittinidae Levinsen, 1909		
<i>Parasmittina latiavicularia</i> (Kirkpatrick, 1888)	Off Ganjam	Robertson (1921)
<i>Parasmittina nitida</i> (Verrill, 1875)	Off Gopalpur	Robertson (1921)
<i>Parasmittina trispinosa</i> (Johnston, 1838)	Black Pagoda, Off Gopalpur	Robertson (1921)
<i>Smittina landsborovii</i> (Johnston, 1847)	Black Pagoda, Puri	Robertson (1921)
Superfamily Schizoporelloidea Jullien, 1883		
Family Escharinidae Tilbrook, 2006		
<i>Escharina dutertrei</i> (Audouin, 1826)	Off Gopalpur	Robertson (1921)
<i>Escharina dutertrei foliacea</i> (Robertson, 1921)	Off Gopalpur	Robertson (1921)
Family Microporellidae Hincks, 1879		
<i>Microporella ciliata</i> (Pallas, 1766)	Gopalpur	Robertson (1921)
Family Petraliellidae Harmer, 1957		
<i>Mucropetraliella thenardii</i> (Audouin, 1826)	Off Gopalpur	Robertson (1921)
Superfamily Celleporoidea Johnston, 1838		
Family Celleporidae Johnston, 1838		
<i>Celleporina costazii</i> (Audouin, 1826)	Ganjam Coast, Off Gopalpur	Robertson (1921)
Family Colatooeciidae Winston, 2005		
<i>Trematooecia turrita</i> (Smitt, 1873)	Ganjam Coast, Off Gopalpur	Robertson (1921)
Family Phidoloporidae Gabb & Horn, 1862		
<i>Retepora delicatula</i> Busk, 1884*	Off Ganjam	Robertson (1921)
<i>Retepora punctiliger</i> Ortmann, 1890	Off Gopalpur	Robertson (1921)

*taxon inquirenda

Table 22. Checklist of Brachiopoda recorded from the Odisha coast

Phylum Brachiopoda Duméril, 1806	Locality	References
Subphylum Linguliformea Williams, Carlson, Brunton, Holmer & Popov, 1996		
Class Lingulata Goryansky & Popov, 1985		
Order Lingulida Waagen, 1885		
Superfamily Linguloidea Menke, 1828		
Family Lingulidae Menke, 1828		
<i>Lingula anatina</i> Lamarck, 1801	Subarnarekha Estuary (Kirtania, Talsari)	Mitra <i>et al.</i> (2010)
<i>Lingula translucida</i> Dall, 1920	Talsari	Mitra and Misra (2006)

Table 23. Checklist of Echinodermata recorded from the Odisha coast

Phylum Echinodermata Bruguère, 1791 [ex Klein, 1734]	Locality	References
Class Asteroidea de Blainville, 1830		
Superorder Spinulosacea Blake, 1987		
Order Spinulosida Perrier, 1884		
Family Echinasteridae Verrill, 1870		
<i>Echinaster purpureus</i> (Gray, 1840)	Off Ganjam	Koehler (1910); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Metrodira subulata</i> Gray, 1840	Off Ganjam	Koehler (1910); Sastry (2007); Sastry <i>et al.</i> (2012)
Superorder Valvatacea Blake, 1987		
Order Paxillosida Perrier, 1884		
Family Astropectinidae Gray, 1840		
<i>Astropecten bengalensis</i> Doderlein, 1917	Off Chilika Lake, Off Ganjam, Gopalpur	Koehler (1910); Sastry (1995b, 2007); Sastry <i>et al.</i> (2012)
<i>Astropecten indicus</i> Doderlein, 1888	Subarnarekha Estuary (Talsari, Udayapur), Chandipur, Mahanadi Estuary, Devi River Mouth, Off Chilika Lake	Koehler (1910); Sastry (1995a, 1995b, 1998, 2007); Mitra and Misra (2006); Mitra <i>et al.</i> (2010); Sastry <i>et al.</i> (2012)
<i>Astropecten monacanthus</i> Sladen, 1833	Mahanadi Estuary, Devi River Mouth, Konark, Off Chilika Lake	Koehler (1910); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Astropecten vappa</i> Müller & Troschel, 1843	Off Subarnarekha River Mouth	Sastry <i>et al.</i> (2012)
<i>Astropecten velitaris</i> von Martens, 1865	Off Chilika Lake	Sastry <i>et al.</i> (2012)
<i>Craspidaster hesperus</i> (Müller & Troschel, 1840)	Ganjam Coast	Koehler (1910); Sastry (2007); Sastry <i>et al.</i> (2012)
Family Luidiidae Sladen, 1889		
<i>Luidia maculata</i> Müller & Troschel, 1842	Balasure Bay	Koehler (1910); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Luidia quinaria</i> von Martens, 1865	Odisha Coast	Sastry <i>et al.</i> (2012)
Order Valvatida Perrier, 1884		
Family Goniasteridae Forbes, 1841		
<i>Stellaster equestris</i> (Retzius, 1805)	Balasure Bay, Ganjam	Koehler (1910); Sastry (1998, 2007); Sastry <i>et al.</i> (2012)
Family Oreasteridae Fisher, 1911		
<i>Anthenea pentagonula</i> (Lamarck, 1816)	Ganjam Coast	Koehler (1910); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Goniodiscaster vallei</i> (Koehler, 1910)	Balasure Bay	Koehler (1910); Sastry (1998, 2007); Sastry <i>et al.</i> (2012)
Class Ophiuroidea Gray, 1840		
Order Ophiurida Müller & Troschel, 1840		
Suborder Ophiomyxina Fell, 1962		
Family Ophiomyxidae Ljungman, 1867		
<i>Ophiomyxa australis</i> Lütken, 1869	Odisha Coast	Sastry <i>et al.</i> (2012)
Suborder Ophiurina Müller & Troschel, 1840		
Family Ophiacanthidae Ljungman, 1867		
<i>Ophiacantha vagans</i> Koehler, 1898	Odisha Coast	Sastry <i>et al.</i> (2012)
<i>Ophiopristis vestita</i> (Koehler, 1897)	Ganjam Coast	Koehler (1899); Sastry (2007)
Infraorder Chilophiurina Matsumoto, 1915		
Family Ophiuridae Müller & Troschel, 1840		
<i>Ophiura kinbergi</i> Ljungman, 1866	Odisha Coast, Puri	Koehler (1898); Sastry (2007); Sastry <i>et al.</i> (2012)
Infraorder Gnathophiurina Matsumoto, 1915		
Family Amphiuridae Ljungman, 1867		
<i>Amphioplus (Lymanella) depressus</i> (Ljungman, 1867)	Off Subarnarekha River Mouth, Ganjam Coast	Koehler (1898); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Dougaloplus echinatus</i> (Ljungman, 1867)	Odisha Coast, Off Ganjam	Koehler (1898); Sastry (2007); Sastry <i>et al.</i> (2012)
Family Ophiothricidae Ljungman, 1867		
<i>Macrophiothrix hirsuta</i> (Müller & Troschel, 1842)	Off Puri	Koehler (1898); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Macrophiothrix longipeda</i> (Lamarck, 1816)	Off Paradip	Sastry <i>et al.</i> (2012)
<i>Macrophiothrix striolata</i> (Grube, 1868)	Ganjam Coast	Koehler (1898); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Ophiogymna pellicula</i> (Duncan, 1887)	Odisha Coast	Sastry <i>et al.</i> (2012)
<i>Ophiothela danae</i> Verrill, 1869	Off Puri, Off Chilika Lake	Koehler (1898); Sastry (1995b, 2007); Sastry <i>et al.</i> (2012)

	<i>Ophiothrix (Ophiothrix) ciliaris</i> (Lamarck, 1816)	Odisha Coast	Sastry <i>et al.</i> (2012)
	<i>Ophiothrix (Ophiothrix) foveolata</i> Marktanner-Turneretscher, 1887	Odisha Coast	Sastry <i>et al.</i> (2012)
	Family Ophiactidae Matsumoto, 1915		
	<i>Ophiactis modesta</i> Brock, 1888	Subarnarekha estuary (Kirtania, Talsari)	Mitra <i>et al.</i> (2010)
	<i>Ophiactis savignyi</i> (Müller & Troschel, 1842)	Off Chilika Lake, Ganjam Coast	Koehler (1898); Sastry (1995b, 2007); Sastry <i>et al.</i> (2012)
	Infraorder Ophiidermatina Smith, Paterson & Lafay, 1995		
	Family Ophiochitonidae Matsumoto, 1915		
	<i>Ophiochiton ambulator</i> Koehler, 1897	Paradip	Sastry <i>et al.</i> (2012)
Class Echinoidea Leske, 1778			
Subclass Cidaroida Smith, 1984			
Order Cidaroida Claus, 1880			
Family Cidariidae Gray, 1825			
<i>Stereocidaris alcocki</i> (Anderson, 1894)	Off Puri	Koehler (1927); Sastry (2007); Sastry <i>et al.</i> (2012)	
Subclass Euechinoidea Bronn, 1860			
Infraclass Acroechinoidea Smith, 1981			
Order Diadematoidea Duncan, 1889			
Family Diademataidae Gray, 1855			
<i>Astropyga radiata</i> (Leske, 1778)	Ganjam Coast, Gopalpur	Koehler (1927); Sastry (2007); Sastry <i>et al.</i> (2012)	
<i>Chaetodiadema granulatum</i> Mortensen, 1903	Odisha Coast, Gopalpur	Koehler (1927); Sastry (1995a, 1998, 2007); Sastry <i>et al.</i> (2012)	
Infraclass Carinacea Kroh & Smith, 2010			
Order Camarodonta Jackson, 1912			
Infraorder Temnopleuridea Kroh & Smith, 2010			
Family Temnopleuridae A. Agassiz, 1872			
<i>Salmaciella dussumieri</i> (L. Agassiz in L. Agassiz & Desor, 1846)	Odisha Coast	Sastry <i>et al.</i> (2012)	
<i>Salmacis bicolor</i> L. Agassiz in L. Agassiz & Desor, 1846	Odisha Coast, Konark, Off Puri, Gopalpur Off Puri	Koehler (1927); James (1969); Sastry (2007); Sastry <i>et al.</i> (2012) James (1969)	
<i>Salmacis bicolor typica</i> Mortensen, 1904	Odisha Coast, Off Subarnarekha River	Koehler (1927); James (1969); Sastry (1995a, 1998, 2007); Pattanayak and Haldar (1998); Mitra <i>et al.</i> (2010); Sastry <i>et al.</i> (2012)	
<i>Temnopleurus toreumaticus</i> (Leske, 1778)	Mouth, Subarnarekha Estuary (Talsari), Mahanadi Estuary, Off Konark, Off Puri		
Infraclass Irregularia Latreille, 1825			
Order Clypeasteroidea A. Agassiz, 1872			
Family Clypeasteridae L. Agassiz, 1835			
<i>Clypeaster rarispinus</i> de Meijere, 1903	Mahanadi River Mouth, Off Puri, Off Ganjam Coast, Gopalpur	Koehler (1922); Ganapati and Lakshmana Rao (1962); Sastry (1995a, 2007); Sastry <i>et al.</i> (2012)	
Suborder Scutellina Haeckel, 1896			
Infraorder Laganiformes Desor, 1847			
Family Laganidae A. Agassiz, 1873			
<i>Laganum decagonale</i> (Blainville, 1827)	Odisha Coast, Ganjam Coast	Koehler (1922); Sastry (1995a, 1998, 2007); Sastry <i>et al.</i> (2012)	
Infraorder Scutelliformes Haeckel, 1896			
Family Astrielypeidae Stefanini, 1912			
<i>Echinodiscus auritus</i> Leske, 1778	Odisha Coast, Off Devi River, Off Chilika Lake, Ganjam Coast	Koehler (1922); Sastry (1995a, 1998, 2007); Sastry <i>et al.</i> (2012)	
<i>Echinodiscus bisperforatus</i> Leske, 1778	Chandrabhaga, Konark, Gopalpur	Sastry (2007); Sastry <i>et al.</i> (2012)	
Order Echinolampadoida Kroh & Smith, 2010			
Family Echinolampadidae Gray, 1851			
<i>Echinolampas alexandri</i> de Loriol, 1876	Odisha Coast	Koehler (1922); Sastry (2007); Sastry <i>et al.</i> (2012)	
<i>Echinolampas ovata</i> (Leske, 1778)	Odisha Coast, Off Chilika Lake	Koehler (1922); Sastry (2007); Sastry <i>et al.</i> (2012)	
Order Spatangoida L. Agassiz, 1840			
Suborder Brissidina			
Stockley, Smith, Littlewood, Lessios & MacKenzie-Dodds, 2005			
Family Brissidae Gray, 1855			
<i>Brissopsis luzonica</i> (Gray, 1851)	Odisha Coast	Koehler (1914); Sastry (2007); Sastry <i>et al.</i> (2012)	
<i>Rhynobrissus pyramidalis</i> A. Agassiz, 1872	Gahiramatha Coast	Sastry (2007); Sastry <i>et al.</i> (2012)	
Family Loveniidae Lambert, 1905			
<i>Lovenia subcarinata</i> (Gray, 1845)	Odisha Coast	Sastry <i>et al.</i> (2012)	
Family Maretidae Lambert, 1905			
<i>Nacospatangus alta</i> (A. Agassiz, 1863)	Konark, Puri, Off Chilika Lake	Koehler (1914); Sastry (2007); Sastry <i>et al.</i> (2012)	
Class Holothuroidea de Blainville, 1834			
Order Dactylochiroidea Pawson and Fell, 1965			
Family Vaneyellidae Pawson & Fell, 1965			
<i>Mitsukuriniella inflexa</i> (Koehler & Vaney, 1908)	Ganjam Coast	Koehler and Vaney (1908); Sastry (2007); Sastry <i>et al.</i> (2012)	

Order Dendrochirotida Grube, 1840		
Family Phyllophoridae Östergren, 1907		
<i>Havelockia ardens</i> (Koehler & Vaney, 1908)	Odisha Coast	Koehler and Vaney (1908); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Thorsonia investigatoris</i> (Koehler & Vaney, 1908)	Subarnarekha Estuary (Kirtania, Talsari)	Mitra and Misra (2006); Mitra <i>et al.</i> (2010)
Family Cucumariidae Ludwig, 1894		
<i>Leptopentacta imbricata</i> (Semper, 1867)	Ganjam Coast	Koehler and Vaney (1908); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Ocnus javanicus</i> Sluiter, 1880	Odisha Coast	Sastry <i>et al.</i> (2012)
<i>Pseudocnus echinatus</i> (von Marenzeller, 1881)	Odisha Coast	Sastry <i>et al.</i> (2012)
<i>Pseudocolochirus violaceus</i> (Théel, 1886)	Off Ganjam Coast, South of Ganjam	Koehler and Vaney (1908); Jenkins (1912); James (1969, 1979, 1987); Sastry (2007); Sastry <i>et al.</i> (2012)
Order Molpadiida Haeckel, 1896		
Family Caudiniidae Heding, 1931		
<i>Acaudina molpadioides</i> (Semper, 1867)	Odisha Coast, Subarnarekha estuary (Kirtania, Talsari), False Point, Off Chilika Lake	Koehler and Vaney (1908); Sastry (1995b, 2007); Mitra and Misra (2006); Mitra <i>et al.</i> (2010); Sastry <i>et al.</i> (2012)
Class Crinoidea Miller, 1821		
Order Comatulida Clark, 1908		
Family Colobometridae Ah Clark, 1909		
<i>Cenometra herdmanni</i> A.H. Clark	Off Gopalpur, Ganjam Coast	Clark (1912); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Oligometra imbricata</i> A.H. Clark	Odisha Coast	Clark (1912); Sastry (2007); Sastry <i>et al.</i> (2012)
<i>Oligometra serripinna</i> (Carpenter, 1881)	Off Puri, Off Ganjam Coast, Gopalpur	Clark (1912); Sastry (2007); Sastry <i>et al.</i> (2012)
Family Himerometridae Ah Clark, 1907		
<i>Heterometra bengalensis</i> (Hartlaub, 1890)	Odisha Coast	Sastry <i>et al.</i> (2012)
<i>Heterometra reynaudi</i> (Müller, 1846)	Puri, Gopalpur	Clark (1912); Sastry (2007); Sastry <i>et al.</i> (2012)
Family Mariametridae Ah Clark, 1909		
<i>Dichrometra ciliata</i> AH Clark, 1912	Off Gopalpur	Clark (1912); Sastry (2007); Sastry <i>et al.</i> (2012)

Table 24. Checklist of Tunicata recorded from the Odisha coast

Phylum Chordata Haeckel, 1874	Locality	References
Subphylum Tunicata Lamarck, 1816		
Class Appendicularia Lahille, 1890		
Order Copelata Haeckel, 1866		
Family Fritillariidae Seeliger, 1895		
<i>Fritillaria borealis</i> Lohmann, 1896	Bahuda Estuary	Mishra and Panigrahy (1999)
Family Oikopleuridae Lohmann, 1915		
<i>Oikopleura (Vexillaria) dioica</i> Fol, 1872	Chilika Lake (Barkul at the Mouth of Saliva Nalla), Bahuda Estuary	Dhandapani (1995a); Mishra and Panigrahy (1999)
Class Ascidiacea Nielsen, 1995		
Order Stolidobranchia Lahille, 1887		
Family Styelidae Sluiter, 1895		
<i>Polyzoa violacea</i> (Oka, 1915)	Puri	Sebastian and Kurian (1981)
Class Thaliacea Nielsen, 1995		
Order Salpida Uljanin, 1884		
Family Salpidae Lahille, 1888		
<i>Salpa fusiformis</i> Cuvier, 1804	Bahuda Estuary	Mishra and Panigrahy (1999)

Table 25. Checklist of Gnathostomata (Pisces) recorded from the Odisha coast

Phylum Chordata Haeckel, 1874	Locality	References
Subphylum Vertebrata Cuvier, 1812		
Superclass Gnathostomata Gegenbaur, 1874		
Class Elasmobranchii Bonaparte, 1838		
Order Orectolobiformes Compagno, 1973		
Family Hemiscylliidae Gill, 1862		
<i>Chiloscyllium griseum</i> Müller & Henle, 1838	Odisha Coast, Puri	Jenkins (1912); Barman <i>et al.</i> (2007)
<i>Chiloscyllium punctatum</i> Müller & Henle, 1838	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Khan <i>et al.</i> (2011)
Family Stegostomatidae Gill, 1862		
<i>Stegostoma fasciatum</i> (Hermann, 1783)	Odisha Coast	Southwell (1913); Barman <i>et al.</i> (2007); Madhavi (2011)
Order Carcharhiniformes Compagno, 1977		
Family Hemigaleidae Hasse, 1879		
<i>Hemipristis elongata</i> (Klunzinger, 1871)	Odisha Coast	Barman <i>et al.</i> (2007)
Family Carcharhinidae Jordan & Evermann, 1896		
<i>Carcharhinus dussumieri</i> (Müller & Henle, 1839)	Ganjam Coast	Mishra <i>et al.</i> (1999)
<i>Carcharhinus leucas</i> (Müller & Henle, 1839)	Chilika Lake	Satapathy and Panda (2009); Khan <i>et al.</i> (2011)

<i>Carcharhinus limbatus</i> (Müller & Henle, 1839)	Chilika Lake (Balugaon, Kesapur), Ganjam Coast	Menon (1963); Rama Rao (1995); Mishra <i>et al.</i> (1999); Venkataraman <i>et al.</i> (2003); Barman <i>et al.</i> (2007); Khan <i>et al.</i> (2011)
<i>Carcharhinus melanopterus</i> (Quoy & Gaimard, 1824)	Chilika Lake (Satapada), Ganjam Coast	Chaudhuri (1916a); Jones and Sujansingani (1954); Venkateswarlu and Rama Rao (1986); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Khan <i>et al.</i> (2011)
<i>Carcharhinus sorrah</i> (Müller & Henle, 1839)	Puri, Ganjam Coast	Misra (1969); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
<i>Glyphis gangeticus</i> (Müller & Henle, 1839)	Chilika Lake (Rambha, Satapada), Ganjam Coast	Chaudhuri (1916a); Jones and Sujansingani (1954); Rama Rao (1995); Mishra <i>et al.</i> (1999); Venkataraman <i>et al.</i> (2003); Barman <i>et al.</i> (2007)
<i>Lamiopsis temminckii</i> (Müller & Henle, 1839)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Rhizoprionodon acutus</i> (Rüppell, 1837)	Odisha Coast	Talwar and Kacker (1984); Barman <i>et al.</i> (2007); Rajee <i>et al.</i> (2007)
<i>Rhizoprionodon oligolinx</i> Springer, 1964	Odisha Coast, Puri	Talwar (1974); Talwar and Kacker (1984); Rajee <i>et al.</i> (2007)
<i>Scoliodon laticaudus</i> Müller & Henle, 1838	Subarnarekha Estuary, Chilika Lake (Rambha Bay), Ganjam Coast	Chaudhuri (1916a); Jones and Sujansingani (1954); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011); Khan <i>et al.</i> (2011)
Family Sphyrnidae Gill, 1872		
<i>Eusphyrna blochii</i> (Cuvier, 1816)	Odisha Coast, Chilika Lake, Ganjam Coast	Talwar and Kacker (1984); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Sphyrna lewini</i> (Griffith & Smith, 1834)	Puri, Chilika Lake	Talwar and Kacker (1984); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008)
<i>Sphyrna mokarran</i> (Rüppell, 1837)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Sphyrna zygaena</i> (Linnaeus, 1758)	Odisha Coast	Barman <i>et al.</i> (2007)
Order Pristiformes Buen, 1926		
Family Pristidae Bonaparte, 1838		
<i>Anoxypristis cuspidata</i> (Latham, 1794)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Pristis microdon</i> Latham, 1794	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Pristis pectinata</i> Latham, 1794	Chilika Lake (Nalabana Island)	Chaudhuri (1916a); Jones and Sujansingani (1954); Barman <i>et al.</i> (2007)
<i>Pristis zijsron</i> Bleeker, 1851	Odisha Coast	Barman <i>et al.</i> (2007)
Order Torpediniformes De Buen, 1926		
Family Narcinidae Gill, 1862		
<i>Narcine brunnea</i> Annandale, 1909	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Narcine timlei</i> (Bloch & Schneider, 1801)	Odisha Coast, Puri	Prashad (1920); Barman <i>et al.</i> (2007)
Family Narkidae Fowel, 1934		
<i>Narke dipterygia</i> (Bloch & Schneider, 1801)	Balasore Bay, Sandheads, Puri, Off Gopalpur	Annandale (1909c); Prashad (1920); Barman <i>et al.</i> (2007)
Family Torpedinidae Bonaparte, 1838		
<i>Torpedo marmorata</i> Risso, 1810	Puri	Prashad (1920)
<i>Torpedo panthera</i> Olfers, 1831	Odisha Coast	Barman <i>et al.</i> (2007)
Order Rajiformes Berg, 1940		
Family Rhinobatidae Müller & Henle, 1837		
Subfamily Rhininae Müller & Henle, 1841		
<i>Rhina ancylostoma</i> Bloch & Schneider, 1801	Odisha Coast	Barman <i>et al.</i> (2007)
Subfamily Rhinobatinae Bonaparte, 1835		
<i>Glaucostegus granulatus</i> (Cuvier, 1829)	Jambu Island, Chilika Lake	Barman <i>et al.</i> (2007); Rajee <i>et al.</i> (2007)
Subfamily Rhynchobatinae Bleeker, 1865		
<i>Rhynchobatus djiddensis</i> (Forsskal, 1775)	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Dasyatidae Jordan, 1888		
<i>Dasyatis microps</i> (Annandale, 1908)	Off Ganjam Coast	Jenkins (1912)
<i>Dasyatis zugei</i> (Müller & Henle, 1841)	Mahanadi Estuary (Paradip), Off Ganjam Coast	Jenkins (1912); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Himantura alcockii</i> (Annandale, 1909)	Puri	Annandale (1909c); Jenkins (1912); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
<i>Himantura bleekeri</i> (Blyth, 1860)	Odisha Coast, Subarnarekha Estuary, Puri	Barman <i>et al.</i> (2007) Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011)
<i>Himantura fava</i> (Annandale, 1909)	Off Odisha Coast	Annandale (1909c); Barman <i>et al.</i> (2007)
<i>Himantura gerrardi</i> (Gray, 1851)	Odisha Coast, Puri	Jenkins (1912); Barman <i>et al.</i> (2007)
<i>Himantura imbricata</i> (Bloch & Schneider, 1801)	Subarnarekha Estuary, Puri, Chilika Lake	Jenkins (1912); Chaudhuri (1916a); Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Himantura jenkinsii</i> (Annandale, 1909)	Off Ganjam Coast, Bahuda Estuary	Annandale (1909c); Talwar and Kacker (1984); Khora and Rama Rao (1994); Barman <i>et al.</i> (2007); Rajee <i>et al.</i> (2007)
<i>Himantura marginata</i> (Blyth, 1860)	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Rajee <i>et al.</i> (2007)
<i>Himantura pareh</i> (Bleeker, 1852)	Chilika Lake (Balugaon, Outer Channel)	Chaudhuri (1916a)
<i>Himantura uarnak</i> (Gmelin, 1789)	Puri, Chilika Lake (Arakhakuda, Satapada), Bahuda Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Khora and Rama Rao (1994); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009)
<i>Himantura walga</i> (Müller & Henle, 1841)	Mahanadi Estuary (Paradip), Chilika Lake (Nalabana Wildlife Sanctuary)	Venkateswarlu <i>et al.</i> (1998a); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)

	<i>Neotrygon kuhlii</i> (Müller & Henle, 1841)	Odisha Coast, Off Ganjam Coast	Jenkins (1912); Barman <i>et al.</i> (2007)
	<i>Pastinachus sephen</i> (Forsskål, 1775)	Chilika Lake	Chaudhuri (1916a); Jones and Sujansingani (1954); Patnaik (1971); Rama Rao (1995); Barman <i>et al.</i> (2007)
Family Gymnuridae Fowler, 1934	<i>Urogymnus asperimus</i> (Bloch & Schneider, 1801)	Odisha Coast	Barman <i>et al.</i> (2007)
	<i>Gymnura japonica</i> (Temminck & Schlegel, 1850)*	Odisha Coast	Talwar and Kacker (1984); Barman <i>et al.</i> (2007); Raje <i>et al.</i> (2007)
	<i>Gymnura micrura</i> (Bloch & Schneider, 1801)	Chilika Lake	Satapathy and Panda (2009)
	<i>Gymnura poecilura</i> (Shaw, 1804)	Odisha Coast	Barman <i>et al.</i> (2007)
	<i>Gymnura tentaculata</i> (Müller & Henle, 1841)	Odisha Coast	Talwar and Kacker (1984); Barman <i>et al.</i> (2007)
	<i>Gymnura zonura</i> (Bleeker, 1852)	Odisha Coast	Barman <i>et al.</i> (2007)
Family Myliobatidae Bonaparte, 1838			
Subfamily Mobulinae Gill, 1893			
	<i>Manta birostris</i> (Walbaum, 1792)	Puri	Lloyd (1908); Rama Rao (1995); Barman <i>et al.</i> (2007)
	<i>Mobula eregoodootenkee</i> (Bleeker, 1859)	Odisha Coast	Rama Rao (1995); Barman <i>et al.</i> (2007)
Subfamily Myliobatinae Bonaparte, 1838			
	<i>Aetobatus flagellum</i> (Bloch & Schneider, 1801)	Chilika Lake (Barkul)	Chaudhuri (1916a); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Raje <i>et al.</i> (2007)
	<i>Aetobatus narinari</i> (Euphrasen, 1790)*	Chilika Lake	Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007)
	<i>Aetobatus ocellatus</i> (Kuhl, 1823)	Chilika Lake	Chaudhuri (1916a)
	<i>Aetomylaeus maculatus</i> (Gray, 1834)	Odisha Coast	Rama Rao (1995); Barman <i>et al.</i> (2007)
	<i>Aetomylaeus nichofii</i> (Bloch & Schneider, 1801)	Puri, Chilika Lake	Annandale (1909c); Jenkins (1912); Chaudhuri (1916a); Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Raje <i>et al.</i> (2007)
Subfamily Rhinopterinae Jordan & Evermann, 1896			
	<i>Rhinoptera javanica</i> Müller & Henle, 1841	Odisha Coast	Rama Rao (1995); Barman <i>et al.</i> (2007)
Class Actinopterygii Klein, 1885			
Order Osteoglossiformes Berg, 1940			
Family Notopteridae Bleeker, 1851			
	<i>Notopterus notopterus</i> (Pallas, 1769)	Subarnarekha Estuary, Chilika Lake (Kalupadaghat)	Jones and Sujansingani (1954); Rama Rao (1995); Sarkar (1995); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
Order Elopiformes Sauvage, 1875			
Family Elopidae Bleeker, 1849			
	<i>Elops machnata</i> (Forsskål, 1775)	Chilika Lake (Balugaon, Rambha), Gopalpur Creek, Bahuda Estuary	Chaudhuri (1916a); Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
	<i>Elops saurus</i> Linnaeus, 1766	Subarnarekha Estuary, Puri, Chilika Lake, Rushikulya Estuary	Jones and Sujansingani (1954); Kowtal (1976); Ahmad (1982); Singh and Gupta (1984); Rama Rao <i>et al.</i> (1992); Ghosh <i>et al.</i> (2011); Madhavi (2011)
Family Megalopidae Jordan And Gilbert, 1883			
	<i>Megalops cyprinoides</i> (Broussonet, 1782)	Mahanadi Estuary, Puri, Chilika Lake (Barkul, Outer Channel, Rambha, Southern Sector), Rushikulya Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rao (1964); Kowtal (1967, 1976); Ahmad (1982); Rama Rao <i>et al.</i> (1992); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Madhavi (2011)
Order Anguilliformes Berg, 1940			
Family Anguillidae Rafinesque, 1810			
	<i>Anguilla australis australis</i> Richardson, 1841	Chilika (Kalupadaghat)	Jones and Sujansingani (1954)
	<i>Anguilla bengalensis bengalensis</i> (Gray, 1831)	Chilika (Kalupadaghat)	Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
	<i>Anguilla bicolor bicolor</i> McClelland, 1844	Ekakula, Mahanadi Estuary, Puri, Chilika Lake	Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008)
Family Moringuidae Gill, 1885			
	<i>Moringua arundinacea</i> (McClelland, 1844)*	Mahanadi Estuary (Paradip), Astaranga (Saptapassiya & Shalakuda, Devi River)	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Moringua raitaborua</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary (Paradip)	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mitra <i>et al.</i> (2010)
Family Muraenidae Rafinesque, 1810			
Subfamily Muraeninae Rafinesque, 1810			
	<i>Gymnothorax meleagris</i> (Shaw, 1795)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Gymnothorax punctatus</i> Bloch & Schneider, 1801	Ganjam Coast	Mishra <i>et al.</i> (1999)
	<i>Gymnothorax tile</i> (Hamilton, 1822)	Mahanadi Estuary, Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Strophidon sathete</i> (Hamilton, 1822)	Chilika Lake	Chaudhuri (1916c); Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Ophichthidae Günther, 1870			
Subfamily Myrophinae Kaup, 1856			
	<i>Myrophis lepturus</i> Kotthaus, 1968	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Scolecenchelys macroptera</i> (Bleeker, 1857)	Devi River near Sonadhara	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
Subfamily Ophichthinae Günther, 1870			
	<i>Bascanichthys deraniyagalai</i> Menon, 1961	Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Barman <i>et al.</i> (2007)
	<i>Bascanichthys longipinnis</i> (Kner & Steindachner, 1867)*	Gopalpur Creek	Khora and Rama Rao (1994)
	<i>Lannostoma orientalis</i> (McClelland, 1844)	Odisha Coast, Konark, Puri	Nagabhushanam (1972); Talwar and Kacker (1984); Barman <i>et al.</i> (2007)

<i>Ophichthus altipennis</i> (Kaup, 1856)*	Subarnarekha Estuary	Mitra <i>et al.</i> (2010)
<i>Ophichthus apicalis</i> (Anonymous [Bennett], 1830)*	Subarnarekha Estuary, Mahanadi Estuary, Ganjam Coast	Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mitra <i>et al.</i> (2010)
<i>Pisodonophis boro</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Puri, Chilika Lake	Menon (1963); Gupta and Gupta (1990); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Pisodonophis cancrivorus</i> (Richardson, 1848)	Mahanadi Estuary, Chilika Lake (Rambha Bay)	Chaudhuri (1916c); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Pisodonophis hijala</i> (Hamilton, 1822)	Chilika Lake (Balugaon, Barkul, Rambha)	Chaudhuri (1916c); Jones and Sujansingani (1954)
Family Congridae Kaup, 1856		
Subfamily Bathymyrinae Böhlke, 1949		
<i>Ariosoma anago</i> (Temminck & Schlegel, 1846)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Bathymyrus echinorhynchus</i> Alcock, 1889	16 miles east of Devi River Mouth in Mahanadi Delta	Alcock (1889); Barman <i>et al.</i> (2007)
Subfamily Congrinae Kaup, 1856		
<i>Conger cinereus</i> Rüppell, 1830	Gopalpur Creek	Khora and Rama Rao (1994)
<i>Uroconger lepturus</i> (Richardson, 1845)	Mahanadi Estuary, Puri, Ganjam Coast	Gupta and Singh (1981); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Madhavi (2011)
Family Muraenesocidae Kaup, 1859		
<i>Congresox talabon</i> (Cuvier, 1829)	Odisha Coast	Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Congresox talabonoides</i> (Bleeker, 1853)	Dhamara Estuary, Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Dutta (2007); Satapathy and Panda (2009)
<i>Muraenesox bagio</i> (Hamilton, 1822)	Mahanadi Estuary, Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Muraenesox cinereus</i> (Forsskål, 1775)	Puri, Chilika Lake	Chaudhuri (1916c); Jones and Sujansingani (1954); Menon (1963); Mukherjee (1995); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008)
Family Nettastomatidae Kaup, 1859		
<i>Saurenchelys petersi</i> Day, 1878	Odisha Coast (Sea of Orissa)	Day (1878); Barman <i>et al.</i> (2007)
Order Clupeiformes Bleeker, 1859		
Family Clupeidae Rafinesque, 1810		
<i>Amblygaster clupeoides</i> Bleeker, 1849	Dhamara Estuary	Dutta (2007)
<i>Amblygaster leiogaster</i> (Valenciennes, 1847)	Dhamara Estuary, Chilika Lake	Dutta (2007); Satapathy and Panda (2009)
<i>Amblygaster sirm</i> (Walbaum, 1792)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Anodontosoma chacunda</i> (Hamilton, 1822)	Subarnarekha Estuary, Saharabedi River near Padmapur, Astaranga, Chilika Lake (Barkul, Gopakuda, Nalabana, Parikud, Rambha)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Corica soborna</i> Hamilton, 1822	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
<i>Ehirava fluviatilis</i> Deraniyagala, 1929	Chilika Lake	Mohapatra <i>et al.</i> (2007b)
<i>Ethmalosa fimbriata</i> (Bowdich, 1825)	Puri	Madhavi (2011)
<i>Escualosa thoracata</i> (Valenciennes, 1847)	Subarnarekha Estuary, Mahanadi Estuary, Jambu Island, Chilika Lake (Kalijai Island, Magarmukh)	Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Gonialosa manmina</i> (Hamilton, 1822)	Chilika Lake	Rama Rao (1995); Mohapatra <i>et al.</i> (2007b)
<i>Gudusia chapra</i> (Hamilton, 1822)	Chilika Lake (Jagadala)	Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Herklotsichthys quadrimaculatus</i> (Rüppell, 1837)	Puri	Jenkins (1912)
<i>Hilsa kelee</i> (Cuvier, 1829)	Chilika Lake (Southern Sector), Ganjam Coast	Kowtal (1967, 1976); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
<i>Nematalosa galathea</i> Nelson & Rothman, 1937	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Nematalosa nasus</i> (Bloch, 1795)	Mahanadi Estuary, Puri, Chilika Lake (Balugaon, Nalabana Wildlife Sanctuary, Parikud, Patasanipur, Sorana), Ganjam Coast	Jenkins (1912); Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967, 1976); Jhingran and Natarajan (1969); Jhingran and Gopalkrishnan (1973); Rama Rao (1995); Mishra <i>et al.</i> (1999); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
<i>Opisthopterus tardoore</i> (Cuvier, 1829)	Chilika Lake	Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Raconda russeliana</i> Gray, 1831	Subarnarekha Estuary, Dhamara Estuary, Puri	Barman <i>et al.</i> (2007); Dutta (2007); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011)
<i>Sardinella albella</i> (Valenciennes, 1847)	Mahanadi Estuary, Ganjam Coast	Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007);
<i>Sardinella brachysoma</i> Bleeker, 1852	Puri	Gupta and Govind (1984a); Madhavi (2011)
<i>Sardinella fimbriata</i> (Valenciennes, 1847)	Dhamara Estuary, Mahanadi Estuary, Astaranga, Puri, Chilika Lake, Rushikulya Estuary, Gopalpur Creek	Ramasomayajulu and Dhana Raju (1985); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009)
<i>Sardinella gibbosa</i> (Bleeker, 1849)	Mahanadi Estuary, Puri, Ganjam Coast	Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
<i>Sardinella jussieu</i> (Lacepède, 1803)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)

<i>Sardinella longiceps</i> Valenciennes, 1847	Dhamara Estuary, Puri, Chilika Lake, Ganjam Coast	Ramasamayajulu and Dhana Raju (1985); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009)
<i>Sardinella melanura</i> (Cuvier, 1829)	Subarnarekha Estuary, Chilika Lake	Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Sardinella sindensis</i> (Day, 1878)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Tenualosa ilisha</i> (Hamilton, 1822)	Subarnarekha Estuary, Dhamara Port, Mahanadi Estuary, Jambu Island, Astaranga, Puri, Konark, Chilika Lake (Balugaon, Kalijai, Nalabana, Samal Island), Rushikulya Estuary,	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rao (1964); Kowtal (1967, 1976); Jhingran and Natarajan (1969); Ramakrishnaiah (1972); Jhingran and Gopalkrishnan (1973); Hafeezullah (1975a); Gupta and Ahmad (1977a); Pati and Pati (1982); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Tenualosa reevesii</i> (Richardson, 1846)	Puri	Gupta and Ahmad (1977a); Madhavi (2011)
<i>Tenualosa toli</i> (Valenciennes, 1847)	Puri	Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
Family Engraulidae Gill, 1861		
<i>Coilia borneensis</i> Bleeker, 1852	Bhitarkanika (Dangmal)	Chadha and Sekar (1999)
<i>Coilia dussumieri</i> Valenciennes, 1848	Subarnarekha Estuary, Dhamara Port, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Ghosh <i>et al.</i> (2011)
<i>Coilia neglecta</i> Whitehead, 1967	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Coilia ramcarati</i> (Hamilton, 1822)	Subarnarekha Estuary, Dhamara Estuary	Whitehead (1972); Barman <i>et al.</i> (2007); Dutta (2007); Ghosh <i>et al.</i> (2011)
<i>Coilia reynaldi</i> Valenciennes, 1848	Odisha Coast, Subarnarekha Estuary	Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Encrasicholina devisi</i> (Whitley, 1940)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Encrasicholina heteroloba</i> (Rüppell, 1837)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Setipinna phasa</i> (Hamilton, 1822)	Dhamara Port, Dhamara Estuary, Chilika Lake	Dutta (1995, 2007); Manna and Dutta (1996); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Setipinna taty</i> (Valenciennes, 1848)	Odisha Coast, Subarnarekha Estuary, Puri	Talwar and Kacker (1984); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011)
<i>Setipinna tenuifilis</i> (Valenciennes, 1848)	Dhamara Estuary	Barman <i>et al.</i> (2007); Dutta (2007)
<i>Stolephorus andhraensis</i> Babu Rao, 1966	Mahanadi Estuary, Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Stolephorus baganensis</i> Hardenberg, 1933	Astaranga, Chilika Lake	Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Stolephorus commersonnii</i> Lacepède, 1803	Subarnarekha Estuary, Mahanadi Estuary, Puri, Chilika Lake (Off Barkul, Kalijai, Patasanipur), Rushikulya Estuary	Jenkins (1912); Chaudhuri (1916a); Jones and Sujansingani (1954); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Stolephorus dubiosus</i> Wongratana, 1983	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Stolephorus indicus</i> (van Hasselt, 1823)	Subarnarekha Estuary, Mahanadi Estuary, Puri, Chilika Lake (Balugaon, Breakfast Island, Kalijai, Parikud), Rushikulya Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Gupta and Gupta (1976); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Stolephorus insularis</i> Hardenberg, 1933	Mahanadi Estuary, Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Stolephorus tri</i> (Bleeker, 1852)	Chilika Lake (Nairi, Rambha Bay)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963)
<i>Stolephorus waitei</i> Jordan & Seale, 1926	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Thryssa baelama</i> (Forsskål, 1775)	Chilika Lake	Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Thryssa dussumieri</i> (Valenciennes, 1848)	Mahanadi Estuary, Puri, Ganjam Coast	Ahmad (1981a); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Thryssa gautamiensis</i> Babu Rao, 1971	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Thryssa hamiltonii</i> Gray, 1835	Dhamara Estuary, Puri, Chilika Lake (Balugaon)	Jones and Sujansingani (1954); Gupta and Ahmad (1979a); Gupta and Tandon (1983); Gupta and Jain (1992b); Rama Rao (1995); Barman <i>et al.</i> (2007); Dutta (2007); Satapathy and Panda (2009); Madhavi (2011)
<i>Thryssa kammalensis</i> (Bleeker, 1849)	Mahanadi Estuary, Chilika Lake (Balugaon)	Menon (1963); Rao (1964); Rama Rao (1995); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009)
<i>Thryssa kammalensisoides</i> Wongratana, 1983	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Thryssa malabarica</i> (Bloch, 1795)	Subarnarekha Estuary, Dhamara, Mahanadi Estuary, Astaranga, Chilika Lake (Kalijai, Nairi, Rambha), Gopalpur Creek, Bahuda Estuary	Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Dutta (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Thryssa mystax</i> (Bloch & Schneider, 1801)	Mahanadi Estuary, Puri, Chilika Lake (Balugaon, Baradi, Rambha Bay)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rao (1964); Gupta and Jahan (1975); Ahmad (1980a, 1983c); Gupta and Puri (1984); Gupta and Singh (1989); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Madhavi (2011)
<i>Thryssa polybranchialis</i> Wongratana, 1983	Chilika Lake (Nalabana Wildlife Sanctuary)	Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Thryssa purava</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Kalijai, Kalupadaghat, Main Area, Off Nalabana, Rambha Bay)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Thryssa setirostris</i> (Broussonet, 1782)	Mahanadi Estuary, Chilika Lake	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)

	<i>Thryssa vitirostris</i> (Gilchrist & Thompson, 1908)	Mahanadi Estuary, Chilika Lake	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
Family	Chirocentridae Bleeker, 1849		
	<i>Chirocentrus dorab</i> (Forsskål, 1775)	Odisha Coast, Subarnarekha Estuary, Puri, Ganjam Coast	Ahmad (1977, 1978); Gupta and Ahmad (1977b, 1978b, 1981); Gupta and Gupta (1980); Gupta and Puri (1980); Gupta and Singh (1981); Gupta and Tandon (1984); Lokhande (1990); Gupta and Jain (1991b); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011); Madhavi (2011)
	<i>Chirocentrus nudus</i> Swainson, 1839	Off Konark, Puri	Talwar and Kacker (1984); Barman <i>et al.</i> (2007)
Family	Pristigasteridae Bleeker, 1872		
	<i>Ilisha elongata</i> (Anonymous [Bennett], 1830)	Subarnarekha Estuary, Puri, Chilika Lake	Gupta and Ahmad (1979b); Gupta and Puri (1984); Rama Rao (1995); Barman <i>et al.</i> (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
	<i>Ilisha filigera</i> (Valenciennes, 1847)	Odisha Coast, Subarnarekha Estuary	Talwar and Kacker (1984); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
	<i>Ilisha kampeni</i> (Weber & de Beaufort, 1913)	Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Ilisha megaloptera</i> (Swainson, 1839)	Subarnarekha Estuary, Dhamara Port, Mahanadi Estuary, Chilika Lake	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Dutta (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
	<i>Ilisha melastoma</i> (Bloch & Schneider, 1801)	Mahanadi Estuary, Puri, Chilika Lake	Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
	<i>Pellona ditchea</i> Valenciennes, 1847	Dhamara Estuary	Barman <i>et al.</i> (2007); Dutta (2007)
Family	Dussumieriidae Pauly, Palomares & Gayanilo, 1987		
	<i>Dussumieria acuta</i> Valenciennes, 1847	Mahanadi Estuary, Astaranga, Puri, Ganjam Coast	Jenkins (1912); Srivastava (1941b); Ahmad (1981a, 1982); Gupta and Masoodi (1985); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Madhavi (2011)
	<i>Dussumieria elopsoides</i> Bleeker, 1849	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Order	Gonorhynchiformes Berg, 1940		
Family	Chanidae Günther, 1868		
	<i>Chanos chanos</i> (Forsskål, 1775)	Chilika Lake (Barkul, Outer Channel), Rushikulya Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Kowtal (1967, 1976); Patnaik and Mishra (1988); Rama Rao <i>et al.</i> (1992); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Order	Cypriniformes Bleeker, 1859		
Family	Cyprinidae Rafinesque, 1810		
	<i>Chela cachius</i> (Hamilton, 1822)	Chilika Lake (Balugaon, Jagadala)	Jones and Sujansingani (1954); Rama Rao (1995); Mishra <i>et al.</i> (2003); Mohapatra <i>et al.</i> (2007b)
	<i>Cirrhinus cirrhosus</i> (Bloch, 1795)	Subarnarekha Estuary, Chilika Lake	Rama Rao (1995); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
	<i>Crossocheilus latius</i> (Hamilton, 1822)	Chilika Lake (Barkul, Gopakuda, Rambha)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995)
	<i>Esomus danricus</i> (Hamilton, 1822)	Chilika Lake, Rushikulya Estuary, Bahuda Estuary	Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Mohapatra <i>et al.</i> (2007b)
	<i>Gibelion catla</i> (Hamilton, 1822)	Chilika Lake (Jagadala)	Jones and Sujansingani (1954); Rama Rao (1995); Mohapatra <i>et al.</i> (2007b)
	<i>Labeo calbasu</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi	Job <i>et al.</i> (1955); Rama Rao (1995); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
	<i>Labeo rohita</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Kalupadaghat Market)	Jones and Sujansingani (1954); Rama Rao (1995); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
	<i>Laubuca laubuca</i> (Hamilton, 1822)	Chilika Lake	Jones and Sujansingani (1954); Rama Rao (1995)
	<i>Osteobrama vigorsii</i> (Sykes, 1839)	Chilika Lake (Jagadala)	Jones and Sujansingani (1954); Rama Rao (1995)
	<i>Pantius filamentosus</i> (Valenciennes, 1844)	Bahuda Estuary	Khora and Rama Rao (1994)
	<i>Pantius sarana</i> (Hamilton, 1822)	Chilika Lake (Balugaon)	Jones and Sujansingani (1954); Dutta (1995); Rama Rao (1995); Mohapatra <i>et al.</i> (2007b)
	<i>Pantius sophore</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Balugaon, Baradi, Nalabana Wildlife Sanctuary, Sorana), Bahuda Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Ramakrishna <i>et al.</i> (2006); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
	<i>Pantius ticto</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Barkul, Nalabana Wildlife Sanctuary, Rambha), Bahuda Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Ramakrishna <i>et al.</i> (2006); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
	<i>Pantius vittatus</i> Day, 1865	Chilika Lake (Gopakuda, Patasanipur, Rambha, Satapada)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995)
	<i>Rasbora daniconius</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Balugaon, Jaripada, Kalupadaghat)	Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
	<i>Rasbora rasbora</i> (Hamilton, 1822)	Chilika Lake	Rama Rao (1995)
	<i>Salrnophasia bacaila</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Balugaon, Jaipur, Jagadala, Nalabana), Gopalpur Creek, Bahuda Estuary	Jones and Sujansingani (1954); Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Ramakrishna <i>et al.</i> (2006); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
Family	Cobitiidae Swainson, 1838		
Subfamily	Cobitinae Swainson, 1838		
	<i>Lepidocephalichthys guntea</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Balugaon, Gorapur), Bahuda Estuary	Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Ghosh <i>et al.</i> (2011)
Order	Siluriformes Cuvier, 1817		

Family Bagridae Bleeker, 1858		
<i>Mystus cavasius</i> (Hamilton, 1822)	Chilika Lake, Bahuda Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Barman <i>et al.</i> (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Mystus gulio</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary, Saharabedi River near Padmapur, Astaranga, Puri, Chilika Lake (Kalijai, Nalabana Wildlife Sanctuary, Outer Channel, Palur, Satapada), Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Jhingran and Natarajan (1969); Jhingran and Gopalkrishnan (1973); Gupta and Jahan (1975); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Dutta (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Jayaram and Sanyal (2003); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Mystus vittatus</i> (Bloch, 1794)	Subarnarekha Estuary, Mahanadi Estuary, Saharabedi River near Padmapur, Chilika Lake (Balugaon, Off Barakuda, Barkul, Kalupadaghat, Nairi, Sorana)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Jayaram and Sanyal (2003); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Sperata seenghala</i> (Sykes, 1839)	Chilika Lake	Rama Rao (1995); Mohapatra <i>et al.</i> (2007b)
Family Siluridae Rafinesque, 1815		
<i>Ompok bimaculatus</i> (Bloch, 1794)	Mahanadi Estuary, Chilika Lake (Barkul)	Chaudhuri (1916a); Jones and Sujansingani (1954); Job <i>et al.</i> (1955); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
<i>Wallago attu</i> (Bloch & Schneider, 1801)	Subarnarekha Estuary, Chilika Lake (Barkul)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
Family Schilbeidae Bleeker, 1858		
<i>Ailia coila</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Clupisoma garua</i> (Hamilton, 1822)	Mahanadi Estuary	Job <i>et al.</i> (1955)
<i>Eutropiichthys vacha</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Jagadala)	Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Neotropius atherinoides</i> (Bloch, 1794)	Odisha Coast, Subarnarekha Estuary	Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Silonia silondia</i> (Hamilton, 1822)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007)
Family Pangasiidae Bleeker, 1858		
<i>Pangasius pangasius</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary, Chilika Lake (Kalupadaghat)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Jhingran and Gopalkrishnan (1973); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
Family Sisoridae Bleeker, 1858		
Subfamily Sisorinae Bleeker, 1858		
<i>Bagarius bagarius</i> (Hamilton, 1822)	Chilika Lake	Rama Rao (1995)
<i>Gagata cenia</i> (Hamilton, 1822)	Odisha Coast, Subarnarekha Estuary	Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
Family Clariidae Bonaparte, 1846		
<i>Clarias batrachus</i> (Linnaeus, 1758)	Chilika Lake (Balugaon)	Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Heteropneustidae Hora, 1936		
<i>Heteropneustes fossilis</i> (Bloch, 1794)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Ariidae Bleeker, 1862		
<i>Arius arius</i> (Hamilton, 1822)	Dhamara Port, Chilika Lake (Barakuda Is., Barhampura, Mahisa, Satapada), Rushikulya Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Jhingran and Gopalkrishnan (1973); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Arius gagora</i> (Hamilton, 1822)	Astaranga	Srivastava (1941a); Talwar and Kacker (1984); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Arius jella</i> Day, 1877	Odisha Coast, Subarnarekha Estuary, Puri	Talwar and Kacker (1984); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Arius maculatus</i> (Thunberg, 1792)	Astaranga, Chilika Lake, Bahuda Estuary	Talwar and Kacker (1984); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Arius subrostratus</i> Valenciennes, 1840	Dhamara Port	Dutta (2007)
<i>Cephalocassis jatia</i> (Hamilton, 1822)	Odisha Coast, Puri	Jenkins (1912); Verma (1936); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Nemapteryx caelata</i> (Valenciennes, 1840)	Chilika Lake (Barkul, Patasanipur), Ganjam Coast, Rushikulya Estuary	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Nemapteryx macronotacantha</i> (Bleeker, 1846)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Netuma thalassina</i> (Rüppell, 1837)	Odisha Coast	Barman <i>et al.</i> (2007); Mishra <i>et al.</i> (2010b)
<i>Osteogeneiosus militaris</i> (Linnaeus, 1758)	Subarnarekha Estuary, Mahanadi Estuary, Chilika Lake (Barkul, Parikud)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Jhingran and Gopalkrishnan (1973); Dutta (1995); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Plicofollis argyroleuron</i> (Valenciennes, 1840)	Astaranga, Chilika Lake (Channel between Satapada and Barunakuda, Janhikuda, Satapada)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Venkateswarlu <i>et al.</i> (1998a)
<i>Plicofollis dussumieri</i> (Valenciennes, 1840)	Odisha Coast, Puri	Srivastava (1939a); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Plicofollis nella</i> (Valenciennes, 1840)	Puri	Jenkins (1912)
<i>Plicofollis platystomus</i> (Day, 1877)	Odisha Coast, Puri	Ahmad (1981a); Talwar and Kacker (1984); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Plicofollis tenuispinis</i> (Day, 1877)	Mahanadi Estuary, Astaranga, Chilika Lake, Bahuda Estuary	Khora and Rama Rao (1994); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)

<i>Plicafollis tonggol</i> (Bleeker, 1846)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Sciades sona</i> (Hamilton, 1822)	Odisha Coast, Subarnarekha Estuary, Puri, Ganjam Coast	Gupta (1968b); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011); Madhavi (2011)
Family Plotosidae Bleeker, 1858		
<i>Plotosus canius</i> Hamilton, 1822	Mahanadi Estuary, Chilika Lake (Balugaon, Barkul, Central Sector, Mahisa, Nalabana Wildlife Sanctuary, Satapada, Sorana)	Chaudhuri (1916a); Jones and Sujansingani (1954); Menon (1963); Kowal (1967); Jhingran and Gopalkrishnan (1973); Sinha (1981); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Plotosus limbatus</i> Valenciennes, 1840	Chilika Lake	Satapathy and Panda (2009)
<i>Plotosus lineatus</i> (Thunberg, 1787)	Chilika Lake, Gopalpur Creek, Bahuda Estuary	Khora and Rama Rao (1994); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Order Stomiiformes Regan, 1909		
Family Stomiidae Bleeker, 1859		
Subfamily Malacosteinae Gill, 1893		
<i>Photostomias atrox</i> (Alcock, 1890)	Ganjam Coast (Off Madras Coast, Investigator Station No. 97: presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Barman <i>et al.</i> (2007)
Order Aulopiformes Rosen, 1973		
Family Synodontidae Gill, 1861		
Subfamily Harpadontinae Bleeker, 1875		
<i>Harpadon nehereus</i> (Hamilton, 1822)	Subarnarekha Estuary, Dhamara Estuary, Jambu Island, Puri, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Saurida gracilis</i> (Quoy & Gaimard, 1824)	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Saurida micropectoralis</i> Shindo & Yamada, 1972	Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Saurida pseudotumbil</i> Dutt & Sagar, 1981	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Saurida tumbil</i> (Bloch, 1795)	Subarnarekha Estuary, Mahanadi Estuary, Puri	Jenkins (1912); Gupta and Govind (1981, 1984a); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Saurida undosquamis</i> (Richardson, 1848)	Dhamara Estuary, Off Puri	Barman <i>et al.</i> (2007); Dutta (2007)
Subfamily Synodontinae Gill, 1861		
<i>Synodus indicus</i> (Day, 1873)	Puri	Gupta and Gupta (1986a); Madhavi (2011)
<i>Trachinocephalus myops</i> (Forster, 1801)	Odisha Coast, Puri, Chilika Lake	Ahmad (1980a, 1980b); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Madhavi (2011)
Order Myctophiformes Regan, 1911		
Family Myctophidae Gill, 1893		
<i>Benthoosema pterotum</i> (Alcock, 1890)	Ganjam Coast (Off Madras Coast, Investigator Station No. 96: presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Barman <i>et al.</i> (2007)
Order Gadiformes Goodrich, 1909		
Family Bregmacerotidae Gill, 1872		
<i>Bregmaceros maclellandi</i> Thompson, 1840	Subarnarekha Estuary, Mahanadi Estuary, Jambu Island	Jones and Pantulu (1958); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
Family Macrouridae Bonaparte, 1831		
Subfamily Macrourinae Bonaparte, 1831		
<i>Coryphaenoides hoskynii</i> (Alcock, 1890)	Ganjam Coast (Off Madras Coast, Investigator Station No. 97: presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Barman <i>et al.</i> (2007)
Order Ophidiiformes Berg, 1937		
Family Ophidiidae Rafinesque, 1810		
Subfamily Neobythitinae Radcliffe, 1913		
<i>Bassozetus glutinosus</i> (Alcock, 1890)	Ganjam Coast (Off Madras Coast, Investigator Station No. 97: presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Barman <i>et al.</i> (2007)
<i>Holcomycteronus pterotus</i> (Alcock, 1890)	Ganjam Coast (Off Madras Coast, Investigator Station No. 97: presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Barman <i>et al.</i> (2007)
<i>Tauredophidium hextii</i> Alcock, 1890	Ganjam Coast (Off Madras Coast, Investigator Station No. 97: presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Barman <i>et al.</i> (2007)
Order Batrachoidiformes Goodrich, 1909		
Family Batrachoididae Jordan And Everman, 1898		
Subfamily Halophryinae Greenfield, Winterbottom & Collette, 2008		
<i>Colletteichthys dussumieri</i> (Valenciennes, 1837)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
Order Lophiiformes Garman, 1899		
Family Lophiidae Rafinesque, 1810		
<i>Lophiomus setigerus</i> (Vahl, 1797)	5 miles south of Ganjam	Alcock (1889); Barman <i>et al.</i> (2007)
Family Antennariidae Gill, 1861		
<i>Antennarius hispidus</i> (Bloch & Schneider, 1801)	Puri, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
Family Ogcocephalidae Gill, 1893		
<i>Halieutaea indica</i> Annandale & Jenkins, 1910	Off Odisha Coast, Ganjam Coast	Annandale and Jenkins (1910); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Halieutaea stellata</i> (Vahl, 1797)	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
Order Atheriniformes Rosen, 1966		
Family Atherinidae Risso, 1827		
Subfamily Atherinomorinae Dyer & Chernoff, 1996		
<i>Atherinomorus duodecimalis</i> (Valenciennes, 1835)	Odisha Coast	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Atherinomorus lacunosus</i> (Forster, 1801)	Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)

Order Cyprinodontiformes Berg, 1940		
Family Aplocheilidae Bleeker, 1859		
<i>Aplocheilus panchax</i> (Hamilton, 1822)	Odisha Coast, Chilika Lake (Barkul, Nalabana, Northern Sector, Rambha Bay)	Chaudhuri (1916c); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Order Beloniformes Berg, 1940		
Family Belontiidae Bonaparte, 1835		
<i>Strongylura leiura</i> (Bleeker, 1850)	Mahanadi Estuary, Astaranga, Chilika Lake	Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
<i>Strongylura strongylura</i> (van Hasselt, 1823)	Subarnarekha Estuary, Mahanadi Estuary, Puri, Chilika Lake (Balugaon, Barkul, Nalabana Wildlife Sanctuary, Parikud, Rambha, Satapada, Sorana)	Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Tylosurus choram</i> (Rüppell, 1837)	Dhamara Estuary	Dutta (2007)
<i>Xenentodon cancila</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake	Dutta (1995); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
Family Hemiramphidae Gill, 1859		
Subfamily Hemiramphinae Gill, 1859		
<i>Hemiramphus far</i> (Forsskål, 1775)	Mahanadi Estuary, Chilika Lake	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Hemiramphus lutkei</i> Valenciennes, 1847	Chilika Lake	Satapathy and Panda (2009)
<i>Hyporhamphus limbatus</i> (Valenciennes, 1847)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Puri, Chilika Lake (Off Balugaon, Off Barkul, Off Ghantasila, Off Nalabana)	Bhattacharya (1916); Chaudhuri (1917); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011)
<i>Hyporhamphus quoyi</i> (Valenciennes, 1847)	Chilika Lake	Jones and Sujansingani (1954); Kowtal (1967)
<i>Hyporhamphus unicuspis</i> Collette & Parin, 1978	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Hyporhamphus xanthopterus</i> (Valenciennes, 1847)	Puri, Gopalpur Creek	Sriramachandra Murty (1969); Khora and Rama Rao (1994)
<i>Rhynchorhamphus georgii</i> (Valenciennes, 1847)	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Rhynchorhamphus malabaricus</i> Collette, 1976	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
Subfamily Zenarchopterinae Fowler, 1934		
<i>Dermogenys brachynotopterus</i> (Bleeker, 1854)	Puri	Gupta and Tandon (1983); Gupta and Puri (1985a); Madhavi (2011)
<i>Zenarchopterus buffonis</i> (Valenciennes, 1847)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Zenarchopterus ectuntio</i> (Hamilton, 1822)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Zenarchopterus gilli</i> Smith, 1945	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Zenarchopterus dispar</i> (Valenciennes, 1847)	Ganjam Coast	Mishra <i>et al.</i> (1999)
Family Exocoetidae Risso, 1827		
<i>Cypselurus poecilopterus</i> (Valenciennes, 1847)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Exocoetus volitans</i> Linnaeus, 1758	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Parexocoetus mento</i> (Valenciennes, 1847)	Odisha Coast	Mishra <i>et al.</i> (2010a)
Family Adrianichthyidae Weber, 1913		
Subfamily Oryziinae Myers, 1938		
<i>Oryzias dancena</i> (Hamilton, 1822)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Oryzias melastigma</i> (McClelland, 1839)	Chilika Lake (Balugaon, Barkul, Manikapatna, Nalabana), Gopalpur Creek	Chaudhuri (1916c); Jones and Sujansingani (1954); Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995)
Order Beryciformes Regan, 1909		
Family Holocentridae Bonaparte, 1835		
Subfamily Holocentrinae Bonaparte, 1835		
<i>Sargocentron rubrum</i> (Forsskål, 1775)	Off Ganjam Coast	Jenkins (1912); Barman <i>et al.</i> (2007)
Subfamily Myripristinae Nelson, 1955		
<i>Myripristis murdjan</i> (Forsskål, 1775)	Odisha Coast, Off Ganjam Coast	Jenkins (1912); Barman <i>et al.</i> (2007)
Order Gasterosteiformes Goodrich, 1909		
Family Pegasidae Bonaparte, 1831		
<i>Pegasus volitans</i> Linnaeus, 1758	Mahanadi Estuary	Jones and Pantulu (1958); Barman <i>et al.</i> (2007)
Order Syngnathiformes Helfman, Collette & Facey, 1997		
Family Fistulariidae Stark, 1828		
<i>Fistularia petimba</i> Lacepède, 1803	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
Family Centriscidae Rafinesque, 1810		
Subfamily Centriscinae Rafinesque, 1810		
<i>Centriscus scutatus</i> Linnaeus, 1758	Odisha Coast	Barman <i>et al.</i> (2007)
Family Syngnathidae Rafinesque, 1810		
Subfamily Hippocampinae Bonaparte, 1835		
<i>Hippocampus fuscus</i> Rüppell, 1838	Chilika Lake (Central Sector, Domkuda, Mahisa, Rambha Bay), Ganjam Coast	Duncker (1914); Chaudhuri (1916c); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Barman <i>et al.</i> (2007)
<i>Hippocampus histrix</i> Kaup, 1856	Odisha Coast	Barman <i>et al.</i> (2007)
Subfamily Syngnathinae Rafinesque, 1810		
<i>Hippichthys cyanospilos</i> (Bleeker, 1854)	Chilika Lake	Mohapatra <i>et al.</i> (2007b)
<i>Ichthyocampus carce</i> (Hamilton, 1822)	Mahanadi Estuary, Chilika Lake (Barkul, Satapada, Somolo Island), Subarnarekha Estuary	Chaudhuri (1916c); Jones and Sujansingani (1954); Kowtal (1967); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)

	<i>Microphis brachyurus brachyurus</i> (Bleeker, 1854)	Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Barman <i>et al.</i> (2007); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Microphis cunocalus</i> (Hamilton, 1822)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Microphis deocata</i> (Hamilton, 1822)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Trachyrhamphus longirostris</i> Kaup, 1856	Odisha Coast	Barman <i>et al.</i> (2007)
Order Synbranchiformes Bonaparte, 1838			
Family Synbranchidae Bonaparte, 1835			
	<i>Ophisternon bengalense</i> McClelland, 1844	Odisha Coast	Barman <i>et al.</i> (2007)
Family Mastacembelidae Swainson, 1839			
	<i>Macrogathus aculeatus</i> (Bloch, 1786)	Subarnarekha Estuary, Chilika Lake, Rushikulya Estuary	Jones and Sujansingani (1954); Rama Rao <i>et al.</i> (1992); Ghosh <i>et al.</i> (2011)
	<i>Macrogathus aral</i> (Bloch & Schneider, 1801)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007)
	<i>Macrogathus pancalus</i> Hamilton, 1822	Chilika Lake, Subarnarekha Estuary, Bahuda Estuary	Khora and Rama Rao (1994); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
	<i>Mastacembelus armatus</i> (Lacepède, 1800)	Chilika Lake (Northern Sector, Patasanipur)	Hora (1923); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Order Scorpaeniformes Greenwood <i>et al.</i> , 1966			
Family Scorpaenidae Risso, 1827			
	<i>Pterois miles</i> (Bennett, 1828)	Dhamara Estuary	Barman <i>et al.</i> (2007); Dutta (2007)
	<i>Pterois radiata</i> Cuvier, 1829	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007)
	<i>Pterois russellii</i> Bennett, 1831	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
Subfamily Pteroinae Kaup, 1873			
	<i>Brachypterois serrulata</i> (Richardson, 1846)	Odisha Coast	Barman <i>et al.</i> (2007)
Subfamily Scorpaeninae Risso, 1827			
	<i>Scorpaenodes guamensis</i> (Quoy & Gaimard, 1824)	Odisha Coast	Barman <i>et al.</i> (2007)
	<i>Scorpaenodes muciparus</i> (Alcock, 1889)	26 miles north by east of Gopalpur	Alcock (1889); Barman <i>et al.</i> (2007)
	<i>Scorpaenopsis cirrosa</i> (Thunberg, 1793)	Odisha Coast	Barman <i>et al.</i> (2007)
Family Apistidae Bleeker, 1859			
	<i>Apistus carinatus</i> (Bloch & Schneider, 1801)	Odisha Coast	Barman <i>et al.</i> (2007)
Family Tetrarogidae Smith, 1949			
	<i>Abalaby taenianotus</i> (Cuvier, 1829)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Tetraroge niger</i> (Cuvier, 1829)	Odisha Coast, Chilika Lake, Gopalpur Creek	Khora and Rama Rao (1994); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
Family Synanceiidae Swainson, 1839			
Subfamily Choridaetlyinae Kaup, 1859			
	<i>Choridaetlyus multibarbus</i> Richardson, 1848	Odisha Coast	Barman <i>et al.</i> (2007)
Subfamily Minoinae Jordan & Starks, 1904			
	<i>Minous coccineus</i> Alcock, 1890	Off Ganjam Coast (8 miles east-southeast of Kalingapatnam Lt.; presently in Srikakulam district, Andhra Pradesh)	Barman <i>et al.</i> (2007)
	<i>Minous monodactylus</i> (Bloch & Schneider, 1801)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
	<i>Minous trachycephalus</i> (Bleeker, 1855)	Ganjam Coast	Mishra <i>et al.</i> (1999)
Subfamily Synanceiinae Swinson, 1839			
	<i>Trachicephalus uranoscopus</i> (Bloch & Schneider, 1801)	Odisha Coast, Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
Family Dactylopteridae Gill, 1861			
	<i>Dactyloptena macracantha</i> (Bleeker, 1855)	Off Odisha Coast	Barman <i>et al.</i> (2007)
	<i>Dactyloptena orientalis</i> (Cuvier, 1829)	Odisha Coast, Puri	Jenkins (1912); Barman <i>et al.</i> (2007)
Family Triglidae Rafinesque, 1810			
	<i>Lepidotrigla longipinnis</i> Alcock, 1890	Off Ganjam Coast	Alcock (1890b)
	<i>Lepidotrigla spiloptera</i> Günther, 1880	Odisha Coast	Barman <i>et al.</i> (2007)
	<i>Pterygotrigla hemisticta</i> (Temminck & Schlegel, 1843)	16 miles east of Devi River Mouth, Mahanadi Delta	Alcock (1889); Barman <i>et al.</i> (2007)
Family Platycephalidae Swainson, 1839			
	<i>Cociella crocodilus</i> (Cuvier, 1829)	Chilika Lake, Ganjam Coast	Barman <i>et al.</i> (2007) Sriramachandra Murty and Monikyam (2007); Satapathy and Panda (2009)
	<i>Grammoplites scaber</i> (Linnaeus, 1758)	Odisha Coast, Mahanadi Estuary, Astaranga	Sriramachandra Murty (1975); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Sriramachandra Murty and Monikyam (2007)
	<i>Inegocia sculpta</i> (Günther, 1880)	Off Puri	Sriramachandra Murty and Monikyam (2007)
	<i>Kumococius rodericensis</i> (Cuvier, 1829)	Mahanadi Estuary, Chilika Lake	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
	<i>Platycephalus indicus</i> (Linnaeus, 1758)	Subarnarekha Estuary, Mahanadi Estuary, Saharabedi River near Padmapur, Astaranga, Devi River near Sonadhara, Chilika Lake (Nalabana, Outer Channel, Rambha), Gopalpur, Rushikulya Estuary, Bahuda Estuary	Hora (1923); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
	<i>Rogadius asper</i> (Cuvier, 1829)	Ganjam Coast	Sriramachandra Murty and Monikyam (2007)
	<i>Rogadius pristiiger</i> (Cuvier, 1829)	Off Ganjam Coast	Sriramachandra Murty (1975); Barman <i>et al.</i> (2007)
	<i>Sorsogona melanopterus</i> Knapp & Wongratana, 1987	Odisha Coast	Barman <i>et al.</i> (2007)
	<i>Sorsogona tuberculata</i> (Cuvier, 1829)	Odisha Coast	Barman <i>et al.</i> (2007)
Order Perciformes Bleeker, 1859			
Family Ambassidae Klunzinger, 1870			
	<i>Ambassis ambassis</i> (Lacepède, 1802)	Mahanadi Estuary, Chilika Lake (Kalupadaghat)	Chaudhuri (1923); Jones and Sujansingani (1954); Barman <i>et al.</i> (2007)
	<i>Ambassis dussumieri</i> Cuvier, 1828	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)

<i>Ambassis gymnocephalus</i> (Lacepède, 1802)	Mahanadi Estuary, Saharabedi river near Chaudhuri (1917, 1923); Jones and Sujansingani (1954); Padmapur, Astaranga, Chilika Lake Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Ramba Bay, Satapada), Rushikulya Estuary, Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Gopalpur Creek, Bahuda Estuary Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009) Odisha Coast Barman <i>et al.</i> (2007) Ghosh <i>et al.</i> (2011)
<i>Ambassis kopsii</i> Bleeker, 1858	Rama Rao <i>et al.</i> (1992); Barman <i>et al.</i> (2007)
<i>Ambassis nalu</i> (Hamilton, 1822)	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Ambassis urotaenia</i> Bleeker, 1852	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Chanda nama</i> Hamilton, 1822	Barman <i>et al.</i> (2007)
<i>Parambassis dayi</i> (Bleeker, 1874)	Mahanadi Estuary, Chilika Lake
<i>Parambassis lala</i> (Hamilton, 1822)	Odisha Coast
<i>Parambassis ranga</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
Family Latidae Gill, 1893	
<i>Lates calcarifer</i> (Bloch, 1790)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Chilika Lake (Satapada), Ganjam Coast Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Rao (1964); Jhingran and Natarajan (1969); Jhingran and Gopalkrishnan (1973); Patnaik and Jena (1976); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
Family Acropomatidae Gill, 1893	
<i>Synagrops pellucidus</i> Alcock, 1889	16 miles east of Mahanadi Delta Alcock (1889); Barman <i>et al.</i> (2007)
Family Serranidae Swainson, 1839	
Subfamily Epinephelinae Bleeker, 1876	
<i>Cephalopholis sonnerati</i> (Valenciennes, 1828)	Puri Ahmad and Gupta (1985); Madhavi (2011)
<i>Epinephelus bleekeri</i> (Vaillant, 1878)	Dhamara Port Barman <i>et al.</i> (2007); Dutta (2007)
<i>Epinephelus chlorostigma</i> (Valenciennes, 1828)	Puri Ammini <i>et al.</i> (2008)
<i>Epinephelus coioides</i> (Hamilton, 1822)	Odisha Coast Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Epinephelus diacanthus</i> (Valenciennes, 1828)	Odisha Coast Barman <i>et al.</i> (2007)
<i>Epinephelus lanceolatus</i> (Bloch, 1790)	Odisha Coast, Mahanadi Estuary, Puri, Chilika Lake, Gopalpur creek Dayal (1948); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Epinephelus latifasciatus</i> (Temminck & Schlegel, 1842)	Odisha Coast, Off Ganjam Coast Jenkins (1912); Barman <i>et al.</i> (2007)
<i>Epinephelus malabaricus</i> (Bloch & Schneider, 1801)	Mahanadi Estuary, Chilika Lake Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Epinephelus morrhua</i> (Valenciennes, 1833)	Odisha Coast, Ganjam Coast Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Epinephelus tauvina</i> (Forsskål, 1775)	Chilika Lake (Arakhakuda, Satapada), Off Ganjam Coast Jenkins (1912); Jones and Sujansingani (1954); Rama Rao (1995); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
Subfamily Grammistinae Bleeker, 1859	
<i>Diploprion bifasciatum</i> Cuvier, 1828	Odisha Coast Barman <i>et al.</i> (2007)
Subfamily Serraninae Swainson, 1839	
<i>Chelidoperca investigatoris</i> (Alcock, 1890)	Ganjam Coast (Off Madras Coast, Investigator Station No. 96; presently in Srikakulam district, Andhra Pradesh) Alcock (1890a); Barman <i>et al.</i> (2007)
<i>Serranus indicus</i> (Cuvier & Valenciennes)**	Puri Gupta and Jain (1992a); Madhavi (2011)
Family Terapontidae Richardson, 1846	
<i>Pelates quadrilineatus</i> (Bloch, 1790)	Chilika Lake Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Terapon jarbua</i> (Forsskål, 1775)	Subarnarekha Estuary, Dhamara, Mahanadi Estuary, Saharabedi River near Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Padmapur, Astaranga, Puri, Chilika Lake Dutta (1995, 2007); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Das and Sahu (2001); (Nalabana Wildlife Sanctuary), Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Terapon puta</i> Cuvier, 1829	Rushikulya Estuary, Bahuda Estuary
<i>Terapon theraps</i> Cuvier, 1829	Puri, Chilika Lake (Barhampura, Nalabana, Ramba, Off Satapada), Ganjam Coast Chaudhuri (1923); Srivastava (1939a); Jones and Sujansingani (1954); Menon (1963); Gupta and Jain (1991b); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Madhavi (2011) Jenkins (1912); Gupta and Ahmad (1976b, 1976c, 1979a); Ahmad (1978, 1981a, 1988); Gupta and Tandon (1983); Ahmad and Dhar (1987b); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Satapathy and Panda (2009); Madhavi (2011)
Family Priacanthidae Günther, 1859	
<i>Priacanthus hamrur</i> (Forsskål, 1775)	Odisha Coast Barman <i>et al.</i> (2007)
<i>Priacanthus tayenus</i> Richardson, 1846	Odisha Coast Barman <i>et al.</i> (2007)
Family Apogonidae Günther, 1859	
Subfamily Apogoninae Günther, 1859	
<i>Apogon ellioti</i> Day, 1875	Odisha Coast, Puri Ahmad (1977); Gupta and Puri (1984); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Apogon poecilopterus</i> Cuvier, 1828	Odisha Coast Barman <i>et al.</i> (2007)
<i>Apogonichthyoides taeniatus</i> (Cuvier, 1828)	Odisha Coast Barman <i>et al.</i> (2007)
<i>Fowleria aurita</i> (Valenciennes, 1831)	Odisha Coast Barman <i>et al.</i> (2007)
<i>Ostorhinchus aureus</i> (Lacepède, 1802)	Odisha Coast, Ganjam Coast Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Ostorhinchus endekataenia</i> (Bleeker, 1852)	Odisha Coast Talwar and Sen (1967); Barman <i>et al.</i> (2007)
<i>Ostorhinchus fasciatus</i> (White, 1790)	Odisha Coast, Ganjam Coast Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)

Family Sillaginidae Richardson, 1846		
<i>Sillaginopsis panijus</i> (Hamilton, 1822)	Subarnarekha Estuary, Astaranga, Chilika Lake	Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Sillago chondropus</i> Bleeker, 1849	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Sillago intermedius</i> Wongratana, 1977	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Sillago lutea</i> McKay, 1985	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Sillago maculata</i> Quoy & Gaimard, 1824	Mahanadi Estuary, Astaranga	Venkateswarlu <i>et al.</i> (1998a); Mohapatra <i>et al.</i> (2007b)
<i>Sillago sihama</i> (Forsskål, 1775)	Subarnarekha Estuary, Dhamara Estuary, Mahanadi Estuary, Astaranga, Devi River Mouth near Sonadhara, Puri, Chilika Lake (Kesapur, Patasanipur), Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Jenkins (1912); Chaudhuri (1923); Srivastava (1936); Jones and Sujansingani (1954); Menon (1963); Hafeezullah (1975a); Kowtal (1976); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Sillago vincenti</i> McKay, 1980	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
Family Lactariidae Fowler, 1904		
<i>Lactarius lactarius</i> (Bloch & Schneider, 1801)	Puri, Chilika Lake, Ganjam Coast	Jenkins (1912); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
Family Rachycentridae Jordan & Evermann, 1896		
<i>Rachycentron canadum</i> (Linnaeus, 1766)	Puri, Chilika Lake, Ganjam Coast	Jenkins (1912); Ahmad (1981a); Hafeezullah (1984); Ahmad and Gupta (1985); Madhavi and Shameen (1993); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Madhavi (2011)
Family Echeneidae Rafinesque, 1810		
<i>Echeneis naucrates</i> Linnaeus, 1758	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Remora albescens</i> (Temminck & Schlegel, 1850)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Remora remora</i> (Linnaeus, 1758)	Odisha Coast	Barman <i>et al.</i> (2007)
Family Carangidae Rafinesque, 1815		
<i>Alectis indica</i> (Rüppell, 1830)	Subarnarekha Estuary, Dhamara Port, Astaranga, Chilika Lake	Gupta and Gupta (1986b); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Dutta (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Alepes djedaba</i> (Forsskål, 1775)	Mahanadi Estuary, Puri, Chilika Lake	Gupta and Ahmad (1977b, 1978a); Gupta and Puri (1980, 1981); Gupta and Tandon (1984); Gupta and Jain (1991b); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Biswas (2009); Satapathy and Panda (2009); Madhavi (2011)
<i>Alepes kleinii</i> (Bloch, 1793)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Atropus atropus</i> (Bloch & Schneider, 1801)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Puri	Jenkins (1912); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Atule mate</i> (Cuvier, 1833)	Dhamara Port, Chilika Lake (Parikud)	Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Dutta (2007)
<i>Carangoides armatus</i> (Rüppell, 1830)	Puri, Gopalpur Creek, Bahuda Estuary	Gupta and Puri (1982b); Bal and Rao (1984); Gupta and Tandon (1984); Khora and Rama Rao (1994); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Madhavi (2011)
<i>Carangoides chrysophrys</i> (Cuvier, 1833)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Carangoides hedlandensis</i> (Whitley, 1934)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Carangoides malabaricus</i> (Bloch & Schneider, 1801)	Subarnarekha Estuary, Dhamara Port, Mahanadi Estuary, Astaranga, Puri, Chilika Lake, Ganjam Coast	Gupta and Gupta (1980); Gupta and Singh (1981, 1985a); Gupta and Singh (1985a); Gupta and Singh (1985a); Ahmad and Dhar (1987b); Gupta and Jain (1991b); Dutta (1995, 2007); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Carangoides praeustus</i> (Anonymous [Bennett], 1830)	Puri, Chilika Lake (Nalabana Wildlife Sanctuary)	Jones and Sujansingani (1954); Menon (1963); Gupta and Govind (1981); Gupta and Singh (1982); Rama Rao (1995); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Madhavi (2011)
<i>Caranx heberi</i> (Bennett, 1830)	Odisha Coast	Talwar and Kacker (1984)
<i>Caranx hippos</i> (Linnaeus, 1766)	Subarnarekha Estuary, Puri, Chilika Lake (Nairi, Outer Channel, Rambha), Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Jenkins (1912); Hora (1923); Jones and Sujansingani (1954); Menon (1963); Gupta and Singh (1985a); Gupta and Singh (1985a); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Caranx ignobilis</i> (Forsskål, 1775)	Puri, Chilika Lake (Balugaon), Ganjam Coast	Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
<i>Caranx melampygus</i> Cuvier, 1833	Dhamara, Puri, Chilika Lake	Jenkins (1912); Rama Rao (1995); Barman <i>et al.</i> (2007); Biswas (2009)
<i>Caranx sexfasciatus</i> Quoy & Gaimard, 1825	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Decapterus russelli</i> (Rüppell, 1830)	Puri	Jenkins (1912); Ahmad (1981a); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Madhavi (2011)
<i>Gnathodon speciosus</i> (Forsskål, 1775)	Subarnarekha Estuary, Chilika Lake	Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Megalaspis cordyla</i> (Linnaeus, 1758)	Subarnarekha Estuary, Dhamara, Mahanadi Estuary, Puri, Chilika Lake, Gopalpur Creek, Bahuda Estuary	Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Parastromateus niger</i> (Bloch, 1795)	Subarnarekha Estuary, Puri, Chilika Lake	Gupta and Singh (1981); Gupta and Gupta (1990); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Scomberoides commersonianus</i> Lacepède, 1801	Odisha Coast, Subarnarekha Estuary, Chilika Lake	Talwar and Kacker (1984); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)

<i>Scomberoides lysan</i> (Forsskål, 1775)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Puri, Chilika Lake	Jenkins (1912); Gupta and Ahmad (1976a); Govind (1985); Gupta and Singh (1985a); Gupta and Singh (1985a); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Scomberoides tala</i> (Cuvier, 1832)	Mahanadi Estuary, Puri, Chilika Lake, Bahuda Estuary	Jones and Sujansingani (1954); Ahmad (1981b); Talwar and Kacker (1984); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Madhavi (2011)
<i>Scomberoides tol</i> (Cuvier, 1832)	Odisha Coast, Chilika Lake, Bahuda Estuary	Khora and Rama Rao (1994); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Selar boops</i> (Cuvier, 1833)	Chilika Lake	Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Selar crumenophthalmus</i> (Bloch, 1793)	Odisha Coast, Puri, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008)
<i>Selaroides leptolepis</i> (Cuvier, 1833)	Odisha Coast	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Seriolina nigrofasciata</i> (Rüppell, 1829)	Puri	Jenkins (1912)
<i>Trachinotus blochii</i> (Lacepède, 1801)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Trachinotus botla</i> (Shaw, 1803)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Trachinotus mookalee</i> Cuvier, 1832	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Uraspis helvola</i> (Forster, 1801)	Off Odisha Coast	Talwar and Kacker (1984); Barman <i>et al.</i> (2007)
Family Coryphaenidae Rafinesque, 1810		
<i>Coryphaena hippurus</i> Linnaeus, 1758	Puri, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
Family Leiognathidae Gill, 1893		
<i>Equulites elongatus</i> (Günther, 1874)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Equulites leuciscus</i> (Günther, 1860)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Eubleekeria jonesi</i> (James, 1971)	Astaranga	Venkateswarlu <i>et al.</i> (1998a)
<i>Eubleekeria splendens</i> (Cuvier, 1829)	Puri, Chilika Lake, Ganjam Coast	Singh and Talwar (1978); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Gazza aklamys</i> Jordan & Starks, 1917	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Gazza minuta</i> (Bloch, 1795)	Subarnarekha Estuary, Mahanadi Estuary, Puri, Chilika Lake, Ganjam Coast	Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Gupta and Gupta (1978); Ahmad (1980a); Gupta and Puri (1981, 1985b); Gupta and Puri (1985b); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Saxena and Prakash (2006); Barman <i>et al.</i> (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Leiognathus brevirostris</i> (Valenciennes, 1835)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Leiognathus daura</i> (Cuvier, 1829)	Puri, Chilika Lake (Nairi, Parikud), Ganjam Coast	Menon (1963); Gupta and Puri (1985b); Gupta and Puri (1985b); Gupta and Srivastava (1989); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Leiognathus dussumieri</i> (Valenciennes, 1835)	Chilika Lake (Baradi)	Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Leiognathus equulus</i> (Forsskål, 1775)	Mahanadi Estuary, Astaranga, Chilika Lake (Gopakuda Island, Nairi, Satapada)	Chaudhuri (1923); Hora (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
<i>Leiognathus fasciatus</i> (Lacepède, 1803)	Odisha Coast, Chilika Lake, Ganjam Coast	Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Leiognathus lineolatus</i> (Valenciennes, 1835)	Odisha Coast, Puri, Rushikulya Estuary	Jenkins (1912); Rama Rao <i>et al.</i> (1992); Barman <i>et al.</i> (2007)
<i>Leiognathus longispinis</i> (Valenciennes, 1835)	Odisha Coast	Talwar and Kacker (1984); Barman <i>et al.</i> (2007)
<i>Nuchequula blochii</i> (Valenciennes, 1835)	Mahanadi Estuary, Astaranga, Chilika Lake	Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Photopectoralis bindus</i> (Valenciennes, 1835)	Mahanadi Estuary, Chilika Lake, Ganjam Coast	Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
<i>Secutor insidiator</i> (Bloch, 1787)	Subarnarekha Estuary, Mahanadi Estuary, Saharabedi River near Padmapur, Astaranga, Puri, Chilika Lake (Parikud)	Jenkins (1912); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Secutor ruconius</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary, Puri, Gopalpur	Jenkins (1912); Sriramachandra Murty (1969); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
Family Lutjanidae Gill, 1862		
Subfamily Etelinae Jordan & Evermann, 1896		
<i>Pristipomoides argyrogrammicus</i> (Valenciennes, 1832)	Puri	Ahmad (1981b); Madhavi (2011)
Subfamily Lutjaninae Gill, 1862		
<i>Lutjanus argentimaculatus</i> (Forsskål, 1775)	Chilika Lake, Ganjam Coast	Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
<i>Lutjanus erythropterus</i> Bloch, 1790	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Lutjanus fulviflamma</i> (Forsskål, 1775)	Puri	Ahmad (1983b); Madhavi (2011)
<i>Lutjanus fulvus</i> (Forster, 1801)	Odisha Coast, Puri, Off Ganjam Coast	Jenkins (1912); Gupta and Gupta (1980); Gupta and Govind (1984b); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Lutjanus johnii</i> (Bloch, 1792)	Subarnarekha Estuary, Dhamara Estuary, Mahanadi Estuary, Saharabedi River near Padmapur, Astaranga, Chilika Lake (Barakuda Island, Chirriya Island), Rushikulya Estuary, Gopalpur Creek, Dhamara Estuary, Chilika Lake, Gopalpur Creek	Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Lutjanus kasmira</i> (Forsskål, 1775)	Gopalpur Creek	Khora and Rama Rao (1994); Rama Rao (1995); Barman <i>et al.</i> (2007); Dutta (2007); Satapathy and Panda (2009)
<i>Lutjanus lutjanus</i> Bloch, 1790	Gopalpur	Sriramachandra Murty (1969); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)

<i>Lutjanus malabaricus</i> (Bloch & Schneider, 1801)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Lutjanus monostigma</i> (Cuvier, 1828)	Puri	Gupta and Gupta (1997); Madhavi (2011)
<i>Lutjanus rivulatus</i> (Cuvier, 1828)	Puri	Gupta and Ahmad (1976c, 1979a); Madhavi (2011)
<i>Lutjanus russelli</i> (Bleeker, 1849)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
<i>Lutjanus sanguineus</i> (Cuvier, 1828)	Chilika Lake, Ganjam Coast	Mishra <i>et al.</i> (1999); Satapathy and Panda (2009)
Family Lobotidae Gill, 1861		
<i>Lobotes surinamensis</i> (Bloch, 1790)	Odisha Coast, Submarekha Estuary	Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
Family Datnioididae Fowler, 1931		
<i>Datnioides polota</i> (Hamilton, 1822)	Chilika Lake (Barkul, Balugaon, Off Nalabana), Gopalpur Creek	Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
Family Gerreidae Bleeker, 1859		
<i>Gerres erythrouros</i> (Bloch, 1791)	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Gerres filamentosus</i> Cuvier, 1829	Mahanadi Estuary, Astaranga, Puri, Chilika Lake (Off Barakuda, Barkul, Off Kalijai, Kesapur, Satapada), Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary, Subarnarekha Estuary	Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Ahmad (1983a); Gupta and Govind (1984a); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Dutta (1995, 2007); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Gerres limbatus</i> Cuvier, 1830	Mahanadi Estuary, Astaranga, Chilika Lake	Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Gerres longirostris</i> (Lacepède, 1801)	Chilika Lake (Rambha)	Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Gerres oblongus</i> Cuvier, 1830	Mahanadi Estuary, Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Gerres oyena</i> (Forsskål, 1775)	Subarnarekha Estuary, Dhamara Port, Chilika Lake (Nalabana Wildlife Sanctuary), Ganjam Coast	Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Mishra <i>et al.</i> (1999); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Gerres phaiya</i> Iwatsuki & Heemstra, 2001	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Gerres setifer</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Off Barakuda, Barkul, Kalijai, Off Kalijai, Nairi, Satapada)	Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Jhingran and Natarajan (1969); Patnaik (1971); Jhingran and Gopalkrishnan (1973); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Pentaptrion longimanus</i> (Cantor, 1849)	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
Family Haemulidae Gill, 1885		
Subfamily Hemulinae Gill, 1885		
<i>Pomadasy argenteus</i> (Forsskål, 1775)	Subarnarekha Estuary, Dhamara Estuary, Mahanadi Estuary, Puri, Chilika Lake (Balugaon, Sorana), Gopalpur	Menon (1963); Sriramachandra Murty (1969); Hafeezullah (1975a); Talwar and Kacker (1984); Dutta (1995, 2007); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Pomadasy argyreus</i> (Valenciennes, 1833)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Pomadasy commersonii</i> (Lacepède, 1801)	Puri, Chilika Lake	Gupta and Gupta (1988); Satapathy and Panda (2009); Madhavi (2011)
<i>Pomadasy furcatus</i> (Bloch & Schneider, 1801)	Puri, Gopalpur	Sriramachandra Murty (1969); Ahmad (1980a); Madhavi (2011)
<i>Pomadasy kaakan</i> (Cuvier, 1830)	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Pomadasy maculatus</i> (Bloch, 1793)	Mahanadi Estuary, Astaranga, Puri	Jenkins (1912); Ahmad and Dhar (1987a, 1987b); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Madhavi (2011)
Subfamily Plectorhinchinae Barnard, 1927		
<i>Plectorhinchus nigrus</i> (Cuvier, 1830)	Mahanadi Estuary, Chilika Lake	Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
Family Sparidae Bonaparte, 1832		
<i>Acanthopagrus berda</i> (Forsskal, 1775)	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Acanthopagrus latus</i> (Houttuyn, 1782)	Mahanadi Estuary, Astaranga, Chilika Lake, Gopalpur Creek, Bahuda Estuary	Rajyalakshmi <i>et al.</i> (1991); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Argyrops bleekeri</i> Oshima, 1927	Talsari	Yennawar and Tudu (2012)
<i>Argyrops spinifer</i> (Forsskål, 1775)	Dhamara Port, Puri	Jenkins (1912); Barman <i>et al.</i> (2007); Dutta (2007)
<i>Crenidens crenidens</i> (Forsskål, 1775)	Chilika Lake (Balugaon, Barhampura)	Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Rhabdosargus sarba</i> (Forsskål, 1775)	Puri, Chilika Lake, Gopalpur	Patnaik (1971, 1973); Jhingran and Gopalkrishnan (1973); Gupta and Ahmad (1976b, 1979a); Gupta and Puri (1985a); Gupta and Singh (1985b); Gupta and Jain (1992b); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Madhavi (2011)
Family Lethrinidae Bonaparte, 1831		
<i>Lethrinus nebulosus</i> (Forsskål, 1775)	Dhamara Port, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007)
Family Nemipteridae Regan, 1913		
<i>Nemipterus bipunctatus</i> (Valenciennes, 1830)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Nemipterus furcosus</i> (Valenciennes, 1830)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Nemipterus japonicus</i> (Bloch, 1791)	Dhamara Estuary, Puri, Chilika Lake, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009)
<i>Scolopsis vosmeri</i> (Bloch, 1792)	Puri, Off Ganjam Coast, Gopalpur	Jenkins (1912); Sriramachandra Murty (1969); Ahmad (1984); Talwar and Kacker (1984); Barman <i>et al.</i> (2007); Madhavi (2011)
Family Sciaenidae Cuvier, 1828		
<i>Argyrosomus amoyensis</i> (Bleeker, 1863)	Odisha Coast	Appa Rao (1976)

<i>Atr Bucca nibe</i> (Jordan & Thompson, 1911)	Odisha Coast	Appa Rao (1976); Barman <i>et al.</i> (2007)
<i>Chrysochir aureus</i> (Richardson, 1846)	Off Mahanadi Delta	Alcock (1889); Barman <i>et al.</i> (2007)
<i>Daysciaena albida</i> (Cuvier, 1830)	Subarnarekha Estuary, Dhamara Port, Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
<i>Dendrophysa russellii</i> (Cuvier, 1829)	Subarnarekha Estuary, Astaranga, Chilika Lake (Barkul, Chirriya Island), Ganjam Coast	Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Johnius amblycephalus</i> (Bleeker, 1855)	Mahanadi Estuary, Chilika Lake (Balugaon, Kalijai)	Menon (1963); Appa Rao (1976); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Dutta (2007); Satapathy and Panda (2009)
<i>Johnius belangerii</i> (Cuvier, 1830)	Dhamara, Chilika Lake	Barman <i>et al.</i> (2007); Dutta (2007); Satapathy and Panda (2009)
<i>Johnius borneensis</i> (Bleeker, 1851)	Mahanadi Estuary, Astaranga, Puri	Gupta and Tandon (1983); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Johnius carouma</i> (Cuvier, 1830)	Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Johnius carutta</i> Bloch, 1793	Mahanadi Estuary (Paradip), Puri, Chilika Lake	Jenkins (1912); Appa Rao (1976); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Bhuyan <i>et al.</i> (2012)
<i>Johnius coitor</i> (Hamilton, 1822)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Johnius dorsalis</i> (Peters, 1855)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Johnius dussumieri</i> (Cuvier, 1830)	Odisha Coast, Puri	Appa Rao (1976); Ahmad (1978); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Johnius macropterus</i> (Bleeker, 1853)	Dhamara, Chilika Lake (Balugaon, Parikud), Off Ganjam Coast	Jenkins (1912); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Dutta (2007)
<i>Johnius macrorhynchus</i> (Lal Mohan, 1976)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Kathala axillaris</i> (Cuvier, 1830)	Odisha Coast, Puri	Appa Rao (1976); Gupta and Puri (1981); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Madhavi (2011)
<i>Macropsinosa cuja</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary	Jhingran and Gopalkrishnan (1973); Ghosh <i>et al.</i> (2011)
<i>Nibe chui</i> Trewavas, 1971	Dhamara Estuary	Dutta (2007)
<i>Nibe coibor</i> (Hamilton, 1822)	Chilika Lake (Barkul, Gopakuda)	Chaudhuri (1923); Weber and Beaufort (1936); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967, 1976); Jhingran and Natarajan (1969); Jhingran and Gopalkrishnan (1973)
<i>Nibe maculata</i> (Bloch & Schneider, 1801)	Puri, Chilika Lake	Appa Rao (1976); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009)
<i>Nibe soldado</i> (Lacepede, 1802)	Mahanadi Estuary	Jhingran and Gopalkrishnan (1973); Barman <i>et al.</i> (2007)
<i>Otolithes cuvieri</i> Trewavas, 1974	Odisha Coast, Ganjam Coast	Talwar and Kacker (1984); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Otolithes ruber</i> (Bloch & Schneider, 1801)	Subarnarekha Estuary, Paradip, Puri, Chilika Lake, Ganjam Coast	Gupta and Ahmad (1979a, 1979b); Ahmad (1981b, 1983b); Dutta (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011); Bhuyan <i>et al.</i> (2012)
<i>Otolithoides biauritus</i> (Cantor, 1849)	Subarnarekha Estuary, Dhamara, Mahanadi Estuary, Chilika Lake	Jhingran and Gopalkrishnan (1973); Rama Rao (1995); Barman <i>et al.</i> (2007); Dutta (2007); Ghosh <i>et al.</i> (2011)
<i>Otolithoides pama</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Panna microdon</i> (Bleeker, 1849)	Dhamara Estuary	Barman <i>et al.</i> (2007); Dutta (2007)
<i>Paranibeia semiluctuosa</i> (Cuvier, 1830)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Pennahia anea</i> (Bloch, 1793)	Orissa Coast, Paradip Coast, Ganjam Coast	Appa Rao (1976); Talwar and Kacker (1984); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Bhuyan <i>et al.</i> (2012)
<i>Protonibeia diacanthus</i> (Lacepede, 1802)	Odisha Coast, Puri, Chilika Lake	Appa Rao (1976); Gupta and Tandon (1984); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Madhavi (2011)
<i>Pterotolithus maculatus</i> (Cuvier, 1830)	Odisha Coast, Dhamara Estuary	Sriramachandra Murty (1969); Barman <i>et al.</i> (2007)
Family Polynemidae Rafinesque, 1810		
<i>Eleutheronema tetradactylum</i> (Shaw, 1804)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Puri, Chilika Lake (Balugaon, Barkul, Gopakuda, Kalupadaghat, Parikud, Rambha Bay), Ganjam Coast	Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967, 1976); Jhingran and Natarajan (1969); Jhingran and Gopalkrishnan (1973); Dutta (1995, 2007); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007, 2010); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011)
<i>Filimanus heptadactyla</i> (Cuvier, 1829)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Filimanus similis</i> Feltes, 1991	Odisha Coast	Barman and Mishra (2010)
<i>Filimanus xanthonema</i> (Valenciennes, 1831)	Odisha Coast	Khora and Rama Rao (1994); Barman <i>et al.</i> (2007, 2010)
<i>Leptomelanosoma indicum</i> (Shaw, 1804)	Subarnarekha Estuary, Mahanadi Estuary, Jambu Island, Chilika Lake (Balugaon), Ganjam Coast	Jones and Sujansingani (1954); Jhingran and Gopalkrishnan (1973); Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007, 2010); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Polydactylus plebeius</i> (Broussonet, 1782)	Odisha Coast (Off Elephant Point), Mahanadi Estuary (Paradip), Chandrabhaga, Puri, Gopalpur	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007, 2010); Mohapatra <i>et al.</i> (2007b)
<i>Polydactylus sexfilis</i> (Valenciennes, 1831)	Odisha Coast (Off Elephant Point), Gopalpur	Barman <i>et al.</i> (2007, 2010)
<i>Polydactylus sextarius</i> (Bloch & Schneider, 1801)	Astaranga, Chilika Lake, Ganjam Coast	Talwar and Kacker (1984); Dutta (1995); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Polynemus paradiseus</i> Linnaeus, 1758	Subarnarekha Estuary, Jambu Island, Chilika Lake, Ganjam Coast, Off Gopalpur	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007, 2010); Ghosh <i>et al.</i> (2011)
Family Mullidae Rafinesque, 1815		
<i>Mulloidichthys flavolineatus</i> (Lacepede, 1801)	Odisha Coast	Talwar and Sen (1967); Barman <i>et al.</i> (2007)
<i>Parupeneus ciliatus</i> (Lacepede, 1802)	Ganjam Coast	Mishra <i>et al.</i> (1999)
<i>Parupeneus indicus</i> (Shaw, 1803)	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Parupeneus macronemus</i> (Lacepede, 1801)	Odisha Coast, Puri, Ganjam Coast	Gupta and Ahmad (1976b, 1976c, 1978c); Gupta and Puri (1985b); Gupta and Puri (1985b); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Madhavi (2011)

<i>Upeneus guttatus</i> (Day, 1868)	Puri	Jenkins (1912)
<i>Upeneus moluccensis</i> (Bleeker, 1855)	Paradip	Barman and Mishra (2007)
<i>Upeneus sulphureus</i> Cuvier, 1829	Subarnarekha Estuary, Paradip, Puri, Chilika Lake, Rushikulya Estuary	Gupta and Govind (1981); Ahmad (1983b); Khora and Rama Rao (1994); Barman and Mishra (2007); Barman <i>et al.</i> (2007); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Upeneus taeniopterus</i> Cuvier, 1829	Puri	Barman and Mishra (2007)
<i>Upeneus tragula</i> Richardson, 1846	Astaranga, Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Upeneus vittatus</i> (Forsskål, 1775)	Mahanadi Estuary, Paradip, Puri, Gopalpur	Jenkins (1912); Venkateswarlu <i>et al.</i> (1998a); Barman and Mishra (2007); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
Family Toxotidae Bleeker, 1859		
<i>Toxotes chatareus</i> (Hamilton, 1822)	Odisha Coast	Barman <i>et al.</i> (2007)
Family Kyphosidae Gill, 1893		
Subfamily Kyphosinae Gill, 1893		
<i>Kyphosus cinerascens</i> (Forsskål, 1775)	Puri	Sriramachandra Murty (1969); Barman <i>et al.</i> (2007)
Family Drepaneidae Gill, 1872		
<i>Drepane longimana</i> (Bloch & Schneider, 1801)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Drepane punctata</i> (Linnaeus, 1758)	Subarnarekha Estuary, Dhamara, Puri, Chilika Lake	Jenkins (1912); Gupta and Puri (1982b); Rama Rao (1995); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011); Madhavi (2011)
Family Monodactylidae Jordan & Evermann, 1898		
<i>Monodactylus argenteus</i> (Linnaeus, 1758)	Chilika Lake	Chaudhuri (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Chaetodontidae Rafinesque, 1810		
<i>Chaetodon vagabundus</i> Linnaeus, 1758	Odisha Coast, Puri, Off Ganjam Coast	Jenkins (1912); Ahmad and Dhar (1988); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Heniochus acuminatus</i> (Linnaeus, 1758)	Odisha Coast, Off Ganjam Coast	Jenkins (1912); Barman <i>et al.</i> (2007)
Family Pomacanthidae Jordan & Evermann, 1898		
<i>Apolemichthys xanthurus</i> (Bennett, 1833)	Off Ganjam Coast	Jenkins (1912)
<i>Pomacanthus annularis</i> (Bloch, 1787)	Puri	Ahmad (1979); Madhavi (2011)
Family Nandidae Bleeker, 1852		
<i>Nandus nandus</i> (Hamilton, 1812)	Odisha Coast	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Mugilidae Risso, 1827		
<i>Chelon planiceps</i> (Valenciennes, 1836)	Subarnarekha Estuary, Mahanadi	Jones and Sujansingani (1954); Menon (1963); Thakur (1970); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Liza macrolepis</i> (Smith, 1846)	Mahanadi Estuary, Devi River Mouth near Sonadhara, Chilika Lake (Outer Channel, Satapada), Ganjam Coast, Rushikulya Estuary	Chaudhuri (1917); Jones and Sujansingani (1954); Jhingran (1958); Menon (1963); Jhingran and Natarajan (1969); Thakur (1970); Natrajan and Patnaik (1972); Jhingran and Gopalkrishnan (1973); Kowtal (1976); Rajyalakshmi <i>et al.</i> (1991); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Das and Sahu (2001); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Liza melinoptera</i> (Valenciennes, 1836)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Liza parsia</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary, Chilika Lake, Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Thakur (1970); Jhingran and Gopalkrishnan (1973); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Liza subviridis</i> (Valenciennes, 1836)	Dhamara, Mahanadi Estuary, Saharabedi River near Padmapur, Puri, Chilika Lake	Jenkins (1912); Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Kowtal (1976); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Liza vaigiensis</i> (Quoy & Gaimard, 1825)	Dhamara, Puri, Chilika Lake	Srivastava (1939b); Gupta and Ahmad (1979b); Rama Rao (1995); Barman <i>et al.</i> (2007); Dutta (2007); Madhavi (2011)
<i>Moolgarda seheli</i> (Forsskål, 1775)	Mahanadi Estuary, Astaranga, Saharabedi River near Padmapur, Chilika Lake (Mouth Area), Rushikulya Estuary	Chaudhuri (1917); Jones and Sujansingani (1954); Jhingran (1958); Menon (1963); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Mugil cephalus</i> Linnaeus, 1758	Subarnarekha Estuary, Mahanadi Estuary, Saharabedi River near Padmapur, Devi River Mouth near Sonadhara, Puri, Chilika Lake, Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Chaudhuri (1917); Jones and Sujansingani (1954); Jhingran (1958); Menon (1963); Jhingran and Natarajan (1969); Thakur (1970); Jhingran and Gopalkrishnan (1973); Kowtal (1976); Ahmad (1987); Rajyalakshmi <i>et al.</i> (1991); Shameem and Madhavi (1991); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Dutta (1995, 2007); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Das and Sahu (2001); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Paramugil parmatus</i> (Cantor, 1849)	Chilika Lake	Menon (1963)
<i>Rhinomugil corsula</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary, Chilika Lake (Kalupadaghat)	Chaudhuri (1917); Jones and Sujansingani (1954); Kowtal (1967, 1976); Talwar and Kacker (1984); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Valamugil buchanani</i> (Bleeker, 1854)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)

<i>Valamugil cunnesius</i> (Valenciennes, 1836)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Chilika Lake	Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Thakur (1970); Jhingran and Gopalkrishnan (1973); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Valamugil speigleri</i> (Bleeker, 1858)	Mahanadi Estuary, Astaranga, Chilika Lake, Rushikulya Estuary	Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Kowtal (1976); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Cichlidae Bonaparte, 1835		
<i>Oreochromis mossambicus</i> (Peters, 1852)	Chilika Lake (Nalabana Wildlife Sanctuary)	Rama Rao (1995); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009)
Subfamily Etroplinae Kullander, 1998		
<i>Etroplus maculatus</i> (Bloch, 1975)	Odisha Coast	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Etroplus suratensis</i> (Bloch, 1790)	Puri, Chilika Lake (Balugaon, Nalabana Wildlife Sanctuary, Sorana), Ganjam Coast	Jones and Sujansingani (1954); Menon (1963); Kowtal (1967, 1976); Jhingran and Natarajan (1969); Jhingran and Gopalkrishnan (1973); Gupta and Gupta (1986b); Dutta (1995); Rama Rao (1995); Mishra <i>et al.</i> (1999); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Satapathy and Panda (2009); Madhavi (2011)
Family Pomacentridae Bonaparte, 1831		
<i>Abudefduf bengalensis</i> (Bloch, 1787)	Puri	Gupta and Ahmad (1974b); Ahmad (1980b); Madhavi (2011)
Family Labridae Cuvier, 1816		
<i>Halichoeres scapularis</i> (Bennett, 1832)	Chilika Lake	Gupta and Singh (1999); Madhavi (2011)
<i>Pseudodax moluccanus</i> (Valenciennes, 1840)	Puri	Gupta and Singh (1985a); Gupta and Singh (1985a); Madhavi (2011)
Family Chiasmodontidae Gill, 1883		
<i>Chiasmodon niger</i> Johnson, 1864**	Odisha Coast (Off Madras Coast, Investigator Station No. 102)	Alcock (1890a); Barman <i>et al.</i> (2007)
<i>Champsodon vorax</i> Günther, 1867	Odisha Coast	Barman <i>et al.</i> (2007)
Family Uranoscopidae Bonaparte, 1831		
<i>Ichthyoscopus lebeck</i> (Bloch & Schneider, 1801)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Uranoscopus cognatus</i> Cantor, 1849	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Uranoscopus crassiceps</i> Alcock, 1890	Ganjam Coast (Off Madras Coast, Investigator Station No. 96; presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Barman <i>et al.</i> (2007)
<i>Uranoscopus guttatus</i> Cuvier, 1829	Odisha Coast	Barman <i>et al.</i> (2007)
Family Trichonotidae Günther, 1861		
<i>Trichonotus cyclograptus</i> (Alcock, 1890)	Ganja Coast	Alcock (1890b); Barman <i>et al.</i> (2007)
Family Blenniidae Rafinesque, 1810		
Subfamily Blenniinae Rafinesque, 1810		
<i>Omobranchus zebra</i> (Bleeker, 1868)	Chilika Lake (Balugaon, Barakuda, Central Sector, Outer Channel, Patasanipur)	Bhattacharya (1916); Chaudhuri (1916b); Hora (1923); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Xiphasia setifer</i> Swainson, 1839	Odisha Coast	Barman <i>et al.</i> (2007)
Family Callionymidae Bonaparte, 1831		
<i>Callionymus carebares</i> Alcock, 1890	Ganjam Coast (Off Madras Coast, Investigator Station No. 96; presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Barman <i>et al.</i> (2007)
<i>Callionymus fluviatilis</i> Day, 1876	Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Callionymus melanopterus</i> Bleeker, 1851	Odisha Coast	Jones and Pantulu (1958)
<i>Callionymus sagitta</i> Pallas, 1770	Mahanadi Estuary, Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Eleutherochir opercularis</i> (Valenciennes, 1837)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Synchiropus lineolatus</i> (Valenciennes, 1837)	Odisha Coast	Barman <i>et al.</i> (2007)
Family Eleotridae Bonaparte, 1835		
Subfamily Butinae Bleeker, 1874		
<i>Butis butis</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake	Hora (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Butis koilomatodon</i> (Bleeker, 1849)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Butis melanostigma</i> (Bleeker, 1849)	Odisha Coast, Chilika Lake, Gopalpur Creek	Koumans (1941); Khora and Rama Rao (1994); Barman <i>et al.</i> (2007)
<i>Ophiocara porocephala</i> (Valenciennes, 1837)	Odisha Coast, Gopalpur creek	Jhingran and Gopalkrishnan (1973); Khora and Rama Rao (1994); Barman <i>et al.</i> (2007)
Subfamily Eleotrinae Bonaparte, 1835		
<i>Eleotris andamensis</i> Herre, 1939	Chilika Lake	Koumans (1941)
<i>Eleotris fusca</i> (Forster, 1801)	Subarnarekha Estuary, Mahanadi Estuary, Chilika Lake (Barkul, Mahisa, Satapada), Gopalpur Creek, Bahuda Estuary	Hora (1923); Jones and Sujansingani (1954); Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Eleotris lutea</i> Day, 1876	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Eleotris melanosoma</i> Bleeker, 1852	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Gobiidae Cuvier, 1816		
<i>Stigmatogobius minima</i> (Hora, 1923)	Chilika Lake (Balugaon, Off Kalijai, Off Nalabana)	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Stigmatogobius sadanundio</i> (Hamilton, 1822)	Subarnarekha Estuary, Ekakula	Chadha and Sekar (1999); Ghosh <i>et al.</i> (2011)
Subfamily Amblyopinae Günther, 1861		
<i>Amblyotrypauchen arctcephalus</i> (Alcock, 1890)	Off Mahanadi Delta, Ganjam Coast	Alcock (1890); Koumans (1941); Mukherjee (1995); Barman <i>et al.</i> (2007)
<i>Brachyamblyopus brachysoma</i> (Bleeker, 1853)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Caragobius urolepis</i> (Bleeker, 1852)	Chilika Lake (Jahnikuda, Satapada)	Hora (1923); Jones and Sujansingani (1954); Menon (1963); Barman <i>et al.</i> (2007)

<i>Odontamblyopus rubicundus</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Pseudotrypauchen multiradiatus</i> Hardenberg, 1931	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Taenioides anguillaris</i> (Linnaeus, 1758)	Odisha Coast, Subarnarekha Estuary	Barman <i>et al.</i> (2007) Mitra <i>et al.</i> (2010); Ghosh <i>et al.</i> (2011)
<i>Taenioides buchanani</i> (Day, 1873)	Mahanadi Estuary, Astaranga, Chilika Lake	Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Taenioides cirratus</i> (Blyth, 1860)	Subarnarekha Estuary, Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Trypauchen vagina</i> (Bloch & Schneider, 1801)	Subarnarekha Estuary, Ekakula, Mahanadi Estuary, Chilika Lake, Gopalpur Creek	Jones and Sujansingani (1954); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Chadha and Sekar (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Mitra <i>et al.</i> (2010)
Subfamily Gobiinae Cuvier, 1816		
<i>Acentrogobius caninus</i> (Valenciennes, 1837)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Acentrogobius cyanomos</i> (Bleeker, 1849)	Mahanadi Estuary, Chilika Lake (Rambha Bay, near Satapada and Barunakuda)	Hora (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Acentrogobius griseus</i> (Day, 1876)	Chilika Lake, Ganjam Coast	Rama Rao (1995); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Acentrogobius masoni</i> (Day, 1873)	Chilika Lake	Koumans (1941); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Acentrogobius viridipunctatus</i> (Valenciennes, 1837)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Amoya madraspatensis</i> (Day, 1868)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Bathygobius albopunctatus</i> (Valenciennes, 1837)	Chilika Lake (Manikapatna)	Hora (1923)
<i>Bathygobius fuscus</i> (Rüppell, 1830)	Mahanadi Estuary, Chilika Lake	Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Bathygobius ostreicola</i> (Chaudhuri, 1916)	Mahanadi Estuary, Chilika Lake (near Manikapatana)	Bhattacharya (1916); Chaudhuri (1916b); Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Drombus globiceps</i> (Hora, 1923)	Chilika Lake (Balugaon, Kesapur, Rambha, Satapada, Off Samal Island)	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Favonigobius reichei</i> (Bleeker, 1854)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Glossogobius giurii</i> (Hamilton, 1822)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Chilika Lake (Balugaon, Barkul, Nalabana Wildlife Sanctuary, Rambha, Satapada), Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Job <i>et al.</i> (1955); Menon (1963); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Dutta (1995); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Istigobius ornatus</i> (Rüppell, 1830)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Obliquo gobius cometes</i> (Alcock, 1890)	Ganjam Coast (Off Madras Coast, Investigator Station No. 96; presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Koumans (1941); Barman <i>et al.</i> (2007)
<i>Parachaeturichthys polynema</i> (Bleeker, 1853)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Psammogobius biocellatus</i> (Valenciennes, 1837)	Mahanadi Estuary, Devi River near Sonadhara, Astaranga, Chilika Lake (Satapada), Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Yongeichthys criniger</i> (Valenciennes, 1837)	Chilika Lake	Mohapatra <i>et al.</i> (2007b)
Subfamily Gobionellinae Bleeker, 1874		
<i>Awaous fluviatilis</i> (Rao, 1971)	Odisha Coast, Gopalpur Creek, Bahuda Estuary	Khora and Rama Rao (1994); Barman <i>et al.</i> (2007)
<i>Awaous grammepomus</i> (Bleeker, 1849)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Awaous guamensis</i> (Valenciennes, 1837)	Odisha Coast	Koumans (1941)
<i>Brachygobius nunus</i> (Hamilton, 1822)	Puri, Chilika Lake (Gopakuda, Rambha)	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Eugnathogobius mas</i> (Hora, 1923)	Chilika Lake (Off Barkul, Rambha Bay, Off Somolo Island)	Hora (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995)
<i>Gobiopterus chuno</i> (Hamilton, 1822)	Subarnarekha Estuary, Chilika Lake (Off Balugaon, Barkul)	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Ghosh <i>et al.</i> (2011)
<i>Oligolepis acutipennis</i> (Valenciennes, 1837)	Mahanadi Estuary, Chilika Lake (Barkul, Rambha Bay)	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007);
<i>Oligolepis cylindriceps</i> (Hora, 1923)	Chilika Lake (Rambha, Satapada, Off Samal Island)	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Oxyrichthys microlepis</i> (Bleeker, 1849)	Mahanadi Estuary, Chilika Lake (Barhampura, Satapada), Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Koumans (1941); Jones and Sujansingani (1954); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Oxyrichthys tentacularis</i> (Valenciennes, 1837)	Mahanadi Estuary, Chilika Lake (Barhampura, Parikud, Patasanipur, Satapada)	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Pseudogobius javanicus</i> (Bleeker, 1856)	Chilika Lake (Gopakuda Island, Nalabana Island)	Jenkins (1910a); Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Senogobius laterisquamatus</i> (Weber, 1907)	Mahanadi Estuary	Barman <i>et al.</i> (2007)
Subfamily Oxudercinae Günther, 1861		
<i>Apocryptes bato</i> (Hamilton, 1822)	Luna River at Badapal Dia near Paradip	Koumans (1941); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Apocryptodon madurensis</i> (Bleeker, 1894)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Boleophthalmus boddarti</i> (Pallas, 1770)	Subarnarekha Estuary, Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mitra <i>et al.</i> (2010); Ghosh <i>et al.</i> (2011)

<i>Boleophthalmus dussumieri</i> Valenciennes, 1837	Subarnarekha Estuary	Ghosh <i>et al.</i> (2011)
<i>Parapocryptes rictuosus</i> (Valenciennes, 1837)	Chilika Lake (Barkul, Satapada)	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007)
<i>Parapocryptes serperaster</i> (Richardson, 1846)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Periophthalmus schlosseri</i> (Pallas, 1770)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Periophthalmus argentilineatus</i> Valenciennes, 1837	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Periophthalmus barbarus</i> (Linnaeus, 1766)	Mahanadi Estuary, Chilika Lake (Manikapatna)	Hora (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a)
<i>Periophthalmus kalolo</i> Lesson, 1831	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Periophthalmus novemradiatus</i> (Hamilton, 1822)	Subarnarekha Estuary	Mitra <i>et al.</i> (2010)
<i>Pseudapocryptes elongatus</i> (Cuvier, 1816)	Odisha Coast, Subarnarekha Estuary, Mahanadi Estuary, Chilika Lake, Ganjam Coast	Hora (1923); Koumans (1941); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Scartelaos histophorus</i> (Valenciennes, 1837)	Subarnarekha Estuary, Balasore, Mahanadi Estuary	Koumans (1941); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mitra <i>et al.</i> (2010)
Family Kraemeriidae Whitley, 1935		
<i>Kraemia samoensis</i> Steindachner, 1906	Odisha Coast, Konark Coast	Talwar (1973); Barman <i>et al.</i> (2007)
Family Kurtidae Bleeker, 1859		
<i>Kurtus indicus</i> Bloch, 1786	Odisha Coast, Puri, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
Family Ephippidae Bleeker, 1859		
<i>Ephippus orbis</i> (Bloch, 1787)	Dhamara Port, Chilika Lake	Barman <i>et al.</i> (2007); Dutta (2007); Satapathy and Panda (2009)
<i>Platax pinnatus</i> (Linnaeus, 1758)	Mahanadi Estuary, Chilika Lake	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Satapathy and Panda (2009)
<i>Platax teira</i> (Forsskål, 1775)	Odisha Coast	Barman <i>et al.</i> (2007)
Family Scatophagidae Bleeker, 1876		
<i>Scatophagus argus</i> (Linnaeus, 1766)	Subarnarekha Estuary, Dhamara Estuary, Astaranga, Puri, Chilika Lake, Rushikulya Estuary	Srivastava (1938); Gupta and Jain (1991b); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
Family Siganidae Richardson, 1836		
<i>Siganus canaliculatus</i> (Park, 1797)	Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Barman <i>et al.</i> (2007)
<i>Siganus javus</i> (Linnaeus, 1766)	Subarnarekha Estuary, Chilika Lake (Nalabana Wildlife Sanctuary), Rushikulya Estuary	Rama Rao <i>et al.</i> (1992); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Siganus vermiculatus</i> (Valenciennes, 1835)	Chilika Lake	Jones and Sujansingani (1954); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Acanthuridae Rafinesque, 1810		
<i>Acanthurus gahhm</i> (Forsskål, 1775)	Off Ganjam Coast	Jenkins (1912)
<i>Acanthurus lineatus</i> (Linnaeus, 1758)	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Acanthurus mata</i> (Cuvier, 1829)	Chilika Lake	Mohapatra <i>et al.</i> (2007b)
<i>Acanthurus nigrofuscus</i> (Forsskål, 1755)	Off Ganjam Coast	Barman <i>et al.</i> (2007)
<i>Acanthurus triostegus</i> (Linnaeus, 1758)	Puri	Gupta and Ahmad (1978b, 1979b); Gupta and Puri (1985a); Madhavi (2011)
<i>Acanthurus tristis</i> Randall, 1993	Odisha Coast, Puri	Barman <i>et al.</i> (2007); Madhavi (2011)
Family Sphyraenidae Rafinesque, 1815		
<i>Sphyraena acutipinnis</i> (Linnaeus, 1758)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Sphyraena barracuda</i> (Edwards, 1771)	Mahanadi Estuary, Puri	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
<i>Sphyraena jello</i> Cuvier, 1829	Subarnarekha Estuary, Dhamara Estuary, Puri, Chilika Lake	Jenkins (1912); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Sphyraena obtusata</i> Cuvier, 1829	Mahanadi Estuary, Astaranga, Puri, Ganjam Coast	Jenkins (1912); Gupta and Gupta (1978, 1987a); Gupta and Jain (1991a); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Sphyraena putnamae</i> Jordan & Seale, 1905	Chilika Lake (Arakhakuda, Satapada)	Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007)
Family Trichiuridae Rafinesque, 1810		
Subfamily Lepidopinae Gill, 1863		
<i>Eupleurogrammus glossodon</i> (Bleeker, 1860)	Dhamara Port, Astaranga, Chilika Lake	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Dutta (2007); Mohapatra <i>et al.</i> (2007b)
<i>Eupleurogrammus muticus</i> (Gray, 1831)	Odisha Coast, Puri, Ganjam Coast	Weber and Beaufort (1951); Ahmad and Dhar (1987b); Gupta and Gupta (1987a, 1989); Gupta and Jain (1991a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Madhavi (2011)
Subfamily Trichiurinae Rafinesque, 1810		
<i>Lepturacanthus pantulii</i> (Gupta, 1966)	Astaranga	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Lepturacanthus savala</i> (Cuvier, 1829)	Subarnarekha Estuary, Puri, Chilika Lake	Gupta and Govind (1984b); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Trichiurus gangeticus</i> Gupta, 1966	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Trichiurus lepturus</i> Linnaeus, 1758	Subarnarekha Estuary, Puri, Chilika Lake, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Satapathy and Panda (2009); Ghosh <i>et al.</i> (2011)
Family Scombridae Rafinesque, 1810		
Subfamily Scombrinae Rafinesque, 1810		
<i>Euthynnus affinis</i> (Cantor, 1849)	Off Puri	Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
<i>Rastrelliger brachysoma</i> (Bleeker, 1851)	Puri, Ganjam Coast	Gupta and Gupta (1987b); Mishra <i>et al.</i> (1999); Madhavi (2011)

<i>Rastrelliger kanagurta</i> (Cuvier, 1816)	Subarnarekha Estuary, Mahanadi Estuary, Puri, Ganjam Coast	Jenkins (1912); Srivastava (1936); Gupta and Jahan (1975); Gupta and Ahmad (1976a); Gupta and Gupta (1978, 1987b); Ahmad (1980b); Gupta and Govind (1981, 1983); Gupta and Puri (1981); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011); Madhavi (2011) Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008)
<i>Scomberomorus commerson</i> (Lacepède, 1800)	Puri	Jenkins (1912); Verma (1936); Ahmad and Gupta (1985); Gupta and Jain (1991b); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Scomberomorus guttatus</i> (Bloch & Schneider, 1801)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Puri	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b) Ahmad (1983b); Madhavi (2011) Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Scomberomorus lineolatus</i> (Cuvier, 1829)	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Thunnus albacares</i> (Bonaterre, 1788)	Puri	Ahmad (1983b); Madhavi (2011)
<i>Thunnus orientalis</i> (Temminck & Schlegel, 1844)	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
Family Centrolophidae Bonaparte, 1846		
<i>Psenopsis cyanea</i> (Alcock, 1890)	Ganjam Coast (Off Madras Coast, Investigator Station No. 96; presently in Srikakulam district, Andhra Pradesh)	Alcock (1890a); Barman <i>et al.</i> (2007)
Family Nomeidae Günther, 1860		
<i>Psenes cyanophrys</i> Valenciennes, 1833	Puri	Gupta and Gupta (1986a); Madhavi (2011)
Family Ariommatidae Haedrich, 1967		
<i>Ariomma indicum</i> (Day, 1871)	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
Family Stromateidae Rafinesque, 1810		
<i>Pampus argenteus</i> (Euphrasen, 1788)	Subarnarekha Estuary, Dhamara Estuary, Mahanadi Estuary, Saharabedi River near Padmapur, Astaranga, Puri, Ganjam Coast	Jenkins (1912); Ahmad (1977); Gupta and Ahmad (1977b); Gupta and Gupta (1980); Gupta and Puri (1981); Ahmad and Gupta (1985); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Ammini <i>et al.</i> (2008); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Pampus chinensis</i> (Euphrasen, 1788)	Dhamara Estuary, Mahanadi Estuary, Astaranga, Puri, Ganjam Coast	Pati (1979); Ahmad (1981a); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Dutta (2007); Ammini <i>et al.</i> (2008); Madhavi (2011)
Family Anabantidae Bonaparte, 1831		
<i>Anabas testudineus</i> (Bloch, 1792)	Odisha Coast, Chilika Lake (Balugaon)	Jones and Sujansingani (1954); Menon (1963); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Osphronemidae Van Der Hoeven, 1832		
Subfamily Luciocephalinae Bleeker, 1852		
<i>Trichogaster fasciata</i> Bloch & Schneider, 1801	Odisha Coast, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Channidae Fowler, 1934		
<i>Channa marulius</i> (Hamilton, 1822)	Odisha Coast, Subarnarekha Estuary, Chilika Lake	Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Channa orientalis</i> Bloch & Schneider, 1801	Odisha Coast, Subarnarekha Estuary	Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Channa punctata</i> (Bloch, 1793)	Subarnarekha Estuary, Mahanadi Estuary, Chilika Lake (Barkul, Parikud), Bahuda Estuary	Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Channa striata</i> (Bloch, 1793)	Chilika Lake (Kalupadaghat)	Jones and Sujansingani (1954); Rama Rao (1995); Mishra <i>et al.</i> (2003); and Mohapatra <i>et al.</i> (2007b)
Family Menidae Fitzinger, 1873		
<i>Mene maculata</i> (Bloch & Schneider, 1801)	Odisha Coast	Barman <i>et al.</i> (2007)
Order Pleuronectiformes Bleeker, 1859		
Family Psettodidae Regan, 1910		
<i>Psettodes erumei</i> (Bloch & Schneider, 1801)	Odisha Coast, Paradip Coast, Puri	Jones and Pantulu (1958); Gupta and Gupta (1978); Gupta and Puri (1981); Ahmad and Dhar (1987b); Das and Mishra (1989); Barman <i>et al.</i> (2007); Madhavi (2011)
Family Citharidae Hubbs, 1945		
<i>Brachypleura novaezeelandiae</i> Günther, 1862	28 miles southwest of Puri, 5 miles south of Ganjam	Alcock (1889); Norman (1927); Weber and Beaufort (1965); Barman <i>et al.</i> (2007)
Family Paralichthyidae Chabanaud, 1937		
<i>Pseudorhombus arsius</i> (Hamilton, 1822)	Mahanadi Estuary, Saharabedi River near Padmapur, Devi River Mouth near Sonadhara, Astaranga, Chilika Lake, Ganjam Coast, Gopalpur Creek	Hora (1923); Jones and Sujansingani (1954); Jones and Pantulu (1958); Menon (1963); Kowtal (1967); Khora and Rama Rao (1994); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Pseudorhombus duplicioellatus</i> Regan, 1905	Mahanadi Estuary	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Pseudorhombus elevatus</i> Ogilby, 1912	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Pseudorhombus javanicus</i> (Bleeker, 1853)	Ganjam Coast	Menon (1963); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Pseudorhombus malayanus</i> Bleeker, 1865	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Pseudorhombus micrognathus</i> Norman, 1927	Puri Beach	Norman (1927); Barman <i>et al.</i> (2007)
<i>Pseudorhombus triocellatus</i> (Bloch & Schneider, 1801)	Odisha Coast, Chilika Lake, Ganjam Coast	Norman (1927); Sriramachandra Murty (1969); Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
Family Bothidae Regan, 1910		
<i>Arnoglossus macrolophus</i> Alcock, 1889	5 miles south of Ganjam	Alcock (1889); Barman <i>et al.</i> (2007)
<i>Arnoglossus tapeinosoma</i> (Bleeker, 1865)	Mahanadi Estuary, Chilika Lake (Outer Channel)	Kowtal (1967); Talwar and Kacker (1984)
<i>Bothus myriaster</i> (Temminck & Schlegel, 1846)	Off Ganjam Coast	Alcock (1890b); Barman <i>et al.</i> (2007)
<i>Crossorhombus azureus</i> (Alcock, 1889)	8 to 20 miles southwest of Puri	Alcock (1889); Barman <i>et al.</i> (2007)
<i>Crossorhombus valdeirostratus</i> (Alcock, 1890)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Laeops guentheri</i> Alcock, 1890	Odisha Coast	Barman <i>et al.</i> (2007)

<i>Laeops lophoptera</i> (Alcock, 1889)	16 miles east of Devi River Mouth, Mahanadi Delta	Alcock (1889); Barman <i>et al.</i> (2007)
<i>Laeops macrophthalmus</i> (Alcock, 1889)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Psettina brevirostris</i> (Alcock, 1890)	Off Ganjam Coast (Bhavanapadu Bacon: presently in Srikakulam district, Andhra Pradesh)	Alcock (1890); Barman <i>et al.</i> (2007)
Family Samaridae Jordan & Goss, 1889		
<i>Samaris macrolepis</i> Norman, 1927	Mahanadi Estuary	Jones and Pantulu (1958)
Family Soleidae Bonaparte, 1835		
<i>Aesopia cornuta</i> Kaup, 1858	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Aseraggodes cyaneus</i> (Alcock, 1890)	Off Ganjam Coast	Alcock (1890b); Barman <i>et al.</i> (2007)
<i>Brachirus macrolepis</i> (Bleeker, 1858)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Brachirus orientalis</i> (Bloch & Schneider, 1801)	Subarnarekha Estuary, Astaranga, Puri, Chilika Lake (Nalabana Wildlife Sanctuary, Outer Channel, Parikud)	Hora (1923); Srivastava (1941a); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011); Madhavi (2011)
<i>Brachirus pan</i> (Hamilton, 1822)	Odisha Coast	Weber and Beaufort (1929)
<i>Brachirus panoides</i> (Bleeker, 1851)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Heteromycteris oculus</i> (Alcock, 1889)	About 32 miles southwest of Puri	Alcock (1889); Jones and Pantulu (1958); Barman <i>et al.</i> (2007)
<i>Pardachirus marmoratus</i> (Lacepède, 1802)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Pardachirus pavoninus</i> (Lacepède, 1802)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Solea elongata</i> Day, 1877	Devi River Mouth near Sonadhara	Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Solea ovata</i> Richardson, 1846	Mahanadi Estuary, Astaranga, Chilika Lake	Weber and Beaufort (1929); Jones and Pantulu (1958); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Synaptura albomaculata</i> Kaup, 1858	Subarnarekha Estuary, Mahanadi Estuary, Puri	Jenkins (1912); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Synaptura commersonii</i> (Lacepède, 1802)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Zebrias altipinnis</i> (Alcock, 1890)	Puri Beach	Talwar and Chakrapani (1967); Das (2003); Barman <i>et al.</i> (2007)
<i>Zebrias annandalei</i> Talwar & Chakrapani, 1967	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Zebrias quagga</i> (Kaup, 1858)	Off Ganjam Coast	Jenkins (1910b); Barman <i>et al.</i> (2007)
<i>Zebrias synapturoides</i> (Jenkins, 1910)	Ganjam Coast	Mishra <i>et al.</i> (1999)
<i>Zebrias zebra</i> (Bloch, 1787)		
Family Cynoglossidae Jordan & Goss, 1889		
Subfamily Cynoglossinae Jordan & Goss, 1889		
<i>Cynoglossus arel</i> (Bloch & Schneider, 1801)	Odisha Coast, Subarnarekha Estuary, Talsari, Chandipur, Paradip	Datta and Das (1983); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Cynoglossus bilineatus</i> (Lacepède, 1802)	Talsari, Chandipur, Mahanadi Estuary, Paradip, Puri	Datta and Das (1983); Ahmad (1988); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ammini <i>et al.</i> (2008); Madhavi (2011)
<i>Cynoglossus carpenteri</i> Alcock, 1889	68 miles east of Devi River Mouth, Mahanadi Delta	Alcock (1889); Barman <i>et al.</i> (2007)
<i>Cynoglossus cynoglossus</i> (Hamilton, 1822)	Subarnarekha Estuary, Jambu Island, Bahuda Estuary	Khora and Rama Rao (1994); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Cynoglossus dubius</i> Day, 1873	Puri	Gupta and Jain (1992a, 1992b); Madhavi (2011)
<i>Cynoglossus itinus</i> (Snyder, 1909)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Cynoglossus kopsii</i> (Bleeker, 1851)	Ganjam Coast (Off Chilika Lake), Off Ganjam Coast (10 miles east-southwest of Kawita, Investigator Station No. 79: presently in Srikakulam district, Andhra Pradesh)	Alcock (1890b); Barman <i>et al.</i> (2007)
<i>Cynoglossus lida</i> (Bleeker, 1851)	32 miles southwest of Puri	Alcock (1889); Gupta and Ahmad (1976a); Gupta and Govind (1983); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Cynoglossus lingua</i> Hamilton, 1822	Subarnarekha Estuary, Talsari, Chandipur, Mahanadi Estuary, Paradip, Astaranga, Chilika Lake	Datta and Das (1983); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Ghosh <i>et al.</i> (2011)
<i>Cynoglossus macrolepidotus</i> (Bleeker, 1851)	Ganjam Coast	Mishra <i>et al.</i> (1999)
<i>Cynoglossus macrostomus</i> Norman, 1928	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Cynoglossus monopus</i> (Bleeker, 1849)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Cynoglossus puncticeps</i> (Richardson, 1846)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Chilika Lake (Off Barakuda Island, Gopakuda, Patasanipur)	Hora (1923); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
<i>Cynoglossus semifaciatus</i> Day, 1877	Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Barman <i>et al.</i> (2007)
<i>Paraplagusia bilineata</i> (Bloch, 1787)	Mahanadi Estuary, Puri	Jenkins (1912); Sriramachandra Murty (1969); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007)
<i>Paraplagusia blochii</i> (Bleeker, 1851)	Talsari, Chandipur, Mahanadi Estuary, Paradip, Puri	Datta and Das (1983); Barman <i>et al.</i> (2007)
Order Tetraodontiformes Berg, 1940		
Family Triacanthidae Bleeker, 1859		
<i>Pseudotriacanthus strigilifer</i> (Cantor, 1849)	Odisha Coast, Puri	Gupta and Ahmad (1974a); Gupta and Jahan (1975); Gupta and Gupta (1978); Gupta and Puri (1982a); Ahmad and Gupta (1985); Barman <i>et al.</i> (2007); Madhavi (2011)
<i>Triacanthus biaculeatus</i> (Bloch, 1786)	Mahanadi Estuary, Astaranga, Puri, Chilika Lake (Balugaon, Off Barkul, Off Nalabana, Parikud, Off Somolo Island, Sorana)	Jenkins (1912); Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Kowtal (1967); Ahmad (1983a); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Ramakrishna <i>et al.</i> (2006); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Madhavi (2011)
<i>Tripodichthys oxycephalus</i> (Bleeker, 1851)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Triphichthys weberi</i> (Chaudhuri, 1910)	Gopalpur	Chaudhuri (1910); Barman <i>et al.</i> (2007)

Family Balistidae Rafinesque, 1810		
<i>Abalistes stellaris</i> (Bloch & Schneider, 1801)	Odisha Coast, Off Ganjam Coast, Gopalpur Creek, Bahuda Estuary Odisha Coast	Jenkins (1912); Khora and Rama Rao (1994); Barman <i>et al.</i> (2007) Barman <i>et al.</i> (2007)
<i>Balistes ellioti</i> Day, 1889		
Family Monacanthidae Nardo, 1843		
<i>Anacanthus barbatus</i> Gray, 1830	Off Rushikulya River Mouth Odisha Coast	Menon and Chattarjee (1975); Barman <i>et al.</i> (2007) Barman <i>et al.</i> (2007)
<i>Paramonacanthus chirocephalus</i> (Bleeker, 1851)		
Family Ostraciidae Rafinesque, 1810		
<i>Rhynchostracion nasus</i> (Bloch, 1785)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Tetrosomus gibbosus</i> (Linnaeus, 1758)	Off Ganjam Coast	Jenkins (1912); Barman <i>et al.</i> (2007)
Family Tetraodontidae Bonaparte, 1831		
<i>Arothron immaculatus</i> (Bloch & Schneider, 1801)	Odisha Coast, Puri Chilika Lake (Jahnkuda, Satapada)	Gupta (1968a); Barman <i>et al.</i> (2007); Madhavi (2011) Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Barman <i>et al.</i> (2007) Barman <i>et al.</i> (2007)
<i>Arothron stellatus</i> (Anonymous, 1798)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Canthigaster margaritata</i> (Rüppell, 1829)	Odisha Coast, Ganjam Coast	Mishra <i>et al.</i> (1999); Barman <i>et al.</i> (2007)
<i>Chelonodon patoca</i> (Hamilton, 1822)	Chilika Lake (Nairi, Outer Channel), Rushikulya Estuary, Gopalpur Creek	Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Rama Rao <i>et al.</i> (1992); Khora and Rama Rao (1994); Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b) Barman <i>et al.</i> (2007)
<i>Lagocephalus inermis</i> (Temminck & Schlegel, 1850)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Lagocephalus lunaris</i> (Bloch & Schneider, 1801)	Mahanadi Estuary, Puri, Chilika Lake	Jenkins (1912); Sriramachandra Murty (1969); Gupta and Ahmad (1977a, 1977c); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Madhavi (2011) Barman <i>et al.</i> (2007)
<i>Lagocephalus spadiceus</i> (Richardson, 1845)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Leiodon viridipunctatus</i> Day, 1865****	Puri	Gupta (1967); Madhavi (2011)
<i>Takifugu oblongus</i> (Bloch, 1786)	Subarnarekha Estuary, Mahanadi Estuary, Astaranga, Puri, Chilika Lake (Barkul, Nalabana Wildlife Sanctuary, Rambha, Satapada), Rushikulya Estuary, Gopalpur Creek, Bahuda Estuary	Chaudhuri (1917); Srivastava (1938); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Madhavi (2011)
<i>Tetraodon cutcutia</i> Hamilton, 1822	Chilika Lake	Rama Rao (1995); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b)
<i>Tetraodon fluviatilis</i> Hamilton, 1822	Subarnarekha Estuary, Mahanadi Estuary, Saharabedi River near Padmapur, Chilika Lake (Off Nalabana)	Jenkins (1912); Chaudhuri (1917); Jones and Sujansingani (1954); Menon (1963); Rama Rao (1995); Venkateswarlu <i>et al.</i> (1998a); Barman <i>et al.</i> (2007); Mohapatra <i>et al.</i> (2007b); Ghosh <i>et al.</i> (2011)
Family Diodontidae Bonaparte, 1835		
<i>Cyclichthys orbicularis</i> (Bloch, 1785)	Odisha Coast	Barman <i>et al.</i> (2007)
<i>Diodon hystrix</i> Linnaeus, 1758	Odisha Coast	Barman <i>et al.</i> (2007)

*Occurrence of *Serranus indicus* (Cuvier & Valenciennes) at Puri is doubtful.

**Occurrence of *Chiasmodon niger* Johnson, 1864 in the Odisha Coast is doubtful.

****Tetraodon viridipunctatus* (Günther) reported by Gupta (1967) is *Leiodon viridipunctatus* Day, 1865. However, the genus name is a nomen dubium. The validity of the species should be confirmed by the experts.

Table 26. Checklist of Reptilia recorded from the Odisha coast

Phylum Chordata Haeckel, 1874	Locality	References
Subphylum Vertebrata Cuvier, 1812		
Class Reptilia Laurenti, 1768		
Order Crocodylia Owen, 1842		
Family Crocodyliidae Cuvier, 1807		
<i>Crocodylus palustris</i> Lesson, 1831	Chilika Lake (Barakuda, Cheriyaakuda, Satapada)	Annandale (1915f, 1921a)
<i>Crocodylus porosus</i> Schneider, 1801	Bhitarkanika Mangroves (Dangmal)	Krishnan (1970); Kar (1979); Kar and Bustrad (1989); Satapathy <i>et al.</i> (2008)
Order Testudines Batsch, 1788		
Suborder Cryptodira Cope, 1868		
Family Cheloniidae Oppel, 1811		
<i>Caretta caretta</i> (Linnaeus, 1758)	Off Devi Estuary	Jenkins (1912)
<i>Chelonia mydas</i> (Linnaeus, 1758)	Bhitarkanika, Chilika Lake (Outer Channel)	Annandale (1915f); Satapathy <i>et al.</i> (2008)
<i>Eretmochelys imbricata</i> (Linnaeus, 1766)	Bhitarkanika (Short's Island), Off Devi Estuary, Chilika Lake (Barhampura Is.)	Jenkins (1912); Annandale (1915f); Kar (1986); Satapathy <i>et al.</i> (2008)
<i>Lepidochelys olivacea</i> (Eschscholtz, 1829)	Budhabalanga Estuary, Chandipur, Bhitarkanika, Gahiramatha, Satabhaya, Brahmani, Chandrabhaga, Konark, Rushikulya Estuary	Biswas (1982); Kar (1986); James <i>et al.</i> (1989); Sahoo <i>et al.</i> (1996); Pandav <i>et al.</i> (1998); Shanker <i>et al.</i> (1999); Mahapatra <i>et al.</i> (2008); Satapathy <i>et al.</i> (2008); Tripathy and Rajasekhar (2009)
Family Dermochelyidae Fitzinger, 1843		
<i>Dermochelys coriacea</i> (Vandelli, 1761)	Bhitarkanika	Satapathy <i>et al.</i> (2008)
Order Squamata Oppel, 1811		
Suborder Serpentes Linnaeus, 1758		
Infraorder Alethinophidia Nopcsa, 1923		
Family Acrochordidae Bonaparte, 1831		
<i>Acrochordus granulatus</i> (Schneider, 1799)	Chilika Lake (Barkul, Rambha)	Annandale (1915f, 1921a); Murthy (1995)
Family Colubridae Oppel, 1811		
<i>Cerberus rynchops</i> (Russel, 1796)	Subarnarekha Estuary, Chilika Lake	Annandale (1915f); Murthy (1995); Mitra <i>et al.</i> (2010)
<i>Enhydryis enhydryis</i> (Schneider, 1799)	Chilika Lake (Ghodadauda Village)	Murthy and Rama Rao (1987); Murthy (1995)

Family Elapidae F. Boie, 1827		
<i>Enhydrina schistosa</i> (Daudin, 1803)	Bhitarkanika, Mahanadi Estuary, Puri, Chilika Lake (Barkul, Nalabana Wildlife Sanctuary, Off Rambha)	Nilsson-Cantell (1938); Murthy (1986, 1990, 1995); Murthy and Rama Rao (1987); Venkateswarlu <i>et al.</i> (1998b); Ramakrishna <i>et al.</i> (2006)
<i>Hydrophis obscurus</i> Daudin, 1803	Bhitarkanika, Mahanadi Estuary, Chilika Lake (Barkul, Nalabana Wildlife Sanctuary, Rambha, Satapada)	Annandale (1915f, 1921a); Murthy (1990, 1995); Venkateswarlu <i>et al.</i> (1998b); Ramakrishna <i>et al.</i> (2006)
<i>Hydrophis spiralis</i> (Shaw, 1802)	Puri	Jenkins (1912)
<i>Pelamis platura</i> Linnaeus, 1766	Odisha Coast	Palot and Radhakrishnan (2010)

Table 27. Checklist of Aves recorded from the Odisha coast

Phylum Chordata Haeckel, 1874	Locality	References
Subphylum Vertebrata Cuvier, 1812		
Class Aves Linnaeus, 1758		
Order Anseriformes Wagler, 1831		
Family Anatidae Vigors, 1825		
<i>Anser anser</i> (Linnaeus, 1758)	Chilika Lake	Chattopadhyay (1995)
<i>Tadorna ferruginea</i> (Pallas, 1764)	Bhitarkanika, Mahanadi Estuary,	Chattopadhyay (1995); Pandav (1996); Mohapatra (1998)
<i>Netta rufina</i> (Pallas, 1773)	Chilika Lake	Chattopadhyay (1995)
<i>Aythya nyroca</i> (Güldenstädt, 1770)	Chilika Lake	Chattopadhyay (1995)
Order Podicipediformes Fürbringer, 1888		
Family Podicipedidae Bonaparte, 1831		
<i>Tachybaptus ruficollis</i> (Pallas, 1764)	Dhamara Port	Dutta (2007)
<i>Tachybaptus ruficollis capensis</i> Salvadori, 1884	Chilika Lake	Chattopadhyay (1995)
<i>Podiceps cristatus</i> (Linnaeus, 1758)	Chilika Lake (Nalabana Island)	Chattopadhyay (1995)
<i>Podiceps nigricollis</i> Brehm, 1831	Chilika Lake	Chattopadhyay (1995)
Order Phoenicopteriformes Fürbringer, 1888		
Family Phoenicopteridae Bonaparte, 1831		
<i>Phoenicopterus ruber</i> Linnaeus, 1758*	Chilika Lake	Chattopadhyay (1995)
<i>Phoenicopterus minor</i> (Geoffroy Saint-Hilaire, 1798)*	Chilika Lake	Chattopadhyay (1995)
Order Suliformes Sharpe, 1891		
Family Phalacrocoracidae Reichenbach, 1850		
<i>Phalacrocorax fuscicollis</i> Stephens, 1826	Chilika Lake (Barakuda Island)	Annandale (1921b); Chattopadhyay (1995)
<i>Phalacrocorax carbo sinensis</i> (Staunton, 1796)**	Chilika Lake (Barakuda Island, Barhampura, Satapada)	Annandale (1921b); Chattopadhyay (1995)
<i>Phalacrocorax niger</i> (Vieillot, 1817)	Dhamara Port, Bhitarkanika, Mahanadi Estuary	Pandav (1996); Mohapatra (1998); Dutta (2007)
Order Pelecaniformes Sharpe, 1891		
Family Pelecanidae Rafinesque, 1815		
<i>Pelecanus philippensis</i> Gmelin, 1789	Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996)
Family Ardeidae Leach, 1820		
<i>Ardea goliath</i> Cretzschmar, 1827**	Bhitarkanika	Pandav (1996)
<i>Mesophoxy intermedia</i> (Wagler, 1829)***	Bhitarkanika	Pandav (1996)
<i>Egretta garzetta</i> (Linnaeus, 1766)	Dhamara Port, Bhitarkanika, Mahanadi Estuary, Chilika Lake (Barkul)	Chattopadhyay (1995); Pandav (1996); Mohapatra (1998); Dutta (2007)
<i>Butorides striata</i> (Linnaeus, 1758)**	Bhitarkanika	Pandav (1996)
<i>Nycticorax nycticorax</i> (Linnaeus, 1758)***	Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996)
Family Threskiornithidae Richmond, 1917		
<i>Platalea leucorodia</i> Linnaeus, 1758	Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996)
Order Accipitriformes Sharpe, 1874		
Family Accipitridae Vieillot, 1816		
<i>Haliaeetus leucogaster</i> (Gmelin, 1788)**	Dhamara Port, Bhitarkanika, Mahanadi Estuary, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Mohapatra (1998); Dutta (2007)
Order Charadriiformes Huxley, 1867		
Family Burhinidae Mathews, 1912		
<i>Burhinus oedicnemus</i> (Linnaeus, 1758)	Chilika Lake	Chattopadhyay (1995)
Family Recurvirostridae Bonaparte, 1854		
<i>Himantopus himantopus</i> (Linnaeus, 1758)	Bhitarkanika, Mahanadi Estuary,	Chattopadhyay (1995); Pandav (1996); Mohapatra (1998)
<i>Recurvirostra avosetta</i> Linnaeus, 1758	Chilika Lake	Pandav (1996)
Family Haematopodidae Bonaparte, 1838		
<i>Haematopus ostralegus</i> Linnaeus, 1758	Dhamara Port, Bhitarkanika	Pandav (1996); Dutta (2007)
Family Charadriidae Vigors, 1825		
<i>Pluvialis squatarola</i> (Linnaeus, 1758)	Chilika Lake	Chattopadhyay (1995)
<i>Pluvialis dominica</i> (Müller, 1776)	Chilika Lake (Barakuda, Bhusandpur, Honeymoon Island, Somolo Island)	Chattopadhyay (1995)
<i>Pluvialis fulva</i> (Gmelin, 1789)	Chilika Lake (Barakuda Island)	Annandale (1921b)
<i>Vanellus spinosus</i> (Linnaeus, 1758)	Mahanadi Estuary	Mohapatra (1998)
<i>Charadrius mongolus</i> Pallas, 1776	Dhamara Port, Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Charadrius leschenaultii</i> Lesson, 1826	Dhamara Port, Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Charadrius alexandrinus</i> Linnaeus, 1758	Dhamara Port, Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Charadrius hiaticula</i> Linnaeus, 1758**	Dhamara Port, Chilika Lake	Chattopadhyay (1995); Dutta (2007)

<i>Charadrius dubius</i> Scopoli, 1786	Dhamara Port, Bhitarkanika, Mahanadi Estuary, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Mohapatra (1998); Dutta (2007)
Family Scolopacidae Rafinesque, 1815		
<i>Xenus cinereus</i> (Güldenstädt, 1775)	Bhitarkanika	Pandav (1996)
<i>Actitis hypoleucos</i> Linnaeus, 1758****	Dhamara Port, Bhitarkanika, Mahanadi Estuary, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Mohapatra (1998); Dutta (2007)
<i>Tringa erythropus</i> (Pallas, 1764)	Chilika Lake	Chattopadhyay (1995)
<i>Tringa nebularia</i> (Gunnerus, 1767)****	Bhitarkanika	Pandav (1996)
<i>Tringa guttifer</i> (Nordmann, 1835)	Bhitarkanika	Pandav (1996)
<i>Tringa stagnatilis</i> (Bechstein, 1803)	Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996)
<i>Tringa totanus</i> (Linnaeus, 1758)****	Dhamara Port, Bhitarkanika, Mahanadi Estuary, Chilika Lake (Barkul, Satapada)	Chattopadhyay (1995); Pandav (1996); Mohapatra (1998); Dutta (2007)
<i>Numenius phaeopus</i> (Linnaeus, 1758)	Dhamara Port, Bhitarkanika, Chilika Lake (Magarmukh)	Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Numenius arquata</i> (Linnaeus, 1758)	Dhamara Port, Bhitarkanika, Chilika Lake (Barakuda Island, Barhampura, Magarmukh, Satapada)	Annandale (1921b); Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Numenius arquata orientalis</i> (Brehm, 1831)	Mahanadi Estuary, Chilika Lake	Chattopadhyay (1995); Mohapatra (1998)
<i>Limosa lapponica</i> (Linnaeus, 1758)	Bhitarkanika	Pandav (1996)
<i>Arenaria interpres</i> (Linnaeus, 1758)	Bhitarkanika, Chilika Lake (Barkul, Somolo Island)	Chattopadhyay (1995); Pandav (1996)
<i>Calidris pugnax</i> (Linnaeus, 1758)	Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996)
<i>Calidris falcinellus</i> (Pontoppidan, 1763)	Chilika Lake	Chattopadhyay (1995)
<i>Calidris temminckii</i> (Leisler, 1812)	Dhamara Port, Bhitarkanika, Mahanadi Estuary, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Mohapatra (1998); Dutta (2007)
<i>Calidris subminuta</i> (Middendorff, 1853)	Dhamara Port, Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Calidris pygmaea</i> (Linnaeus, 1758)	Chilika Lake	Chattopadhyay (1995)
<i>Calidris ruficollis</i> (Pallas, 1776)	Mahanadi Estuary	Mohapatra (1998)
<i>Calidris alba</i> (Pallas, 1764)	Mahanadi Estuary	Mohapatra (1998)
<i>Calidris alpina</i> (Linnaeus, 1758)	Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996)
<i>Calidris minuta</i> (Leisler, 1812)	Dhamara Port, Mahanadi Estuary, Chilika Lake (Satapada)	Chattopadhyay (1995); Mohapatra (1998); Dutta (2007)
<i>Limnodromus semipalmatus</i> (Blyth, 1848)	Chilika Lake	Chattopadhyay (1995)
Family Glareolidae Brehm, 1831		
<i>Glareola pratincola</i> (Linnaeus, 1766)	Chilika Lake	Chattopadhyay (1995)
<i>Glareola maldivarum</i> Forster, 1795	Bhitarkanika	Pandav (1996)
<i>Glareola lactea</i> Temminck, 1820	Mahanadi Estuary	Mohapatra (1998)
Family Laridae Vigors, 1825		
<i>Chroicocephalus ridibundus</i> Linnaeus, 1766	Dhamara Port, Bhitarkanika, Chilika Lake (Barakuda Island)	Annandale (1921b); Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Chroicocephalus brunnicephalus</i> (Jerdon, 1840)	Bhitarkanika, Mahanadi Estuary, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Mohapatra (1998)
<i>Ichthyaelus ichthyaelus</i> (Pallas, 1773)****	Bhitarkanika, Chilika Lake (Barakuda Island)	Annandale (1921b); Pandav (1996)
<i>Larus cachinnans</i> Pallas, 1811	Bhitarkanika	Pandav (1996)
<i>Larus fuscus heuglini</i> Bree, 1876	Bhitarkanika	Pandav (1996)
<i>Sternula albifrons</i> (Pallas, 1764)	Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996)
<i>Gelochelidon nilotica</i> (Gmelin, 1789)	Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996)
<i>Hydroprogne caspia</i> (Pallas, 1770)	Mahanadi Estuary, Chilika Lake	Chattopadhyay (1995); Mohapatra (1998)
<i>Chlidonias leucopterus</i> (Temminck, 1815)	Chilika Lake	Chattopadhyay (1995)
<i>Chlidonias hybrida</i> (Pallas, 1811)	Mahanadi Estuary	Mohapatra (1998)
<i>Sterna hirundo</i> Linnaeus, 1758	Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996)
<i>Sterna acuticauda</i> Gray, 1832	Dhamara Port, Bhitarkanika, Chilika Lake (Barakuda Island)	Annandale (1921b); Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Sterna aurantia</i> Gray, 1831	Dhamara Port, Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Thalasseus berggii</i> (Lichtenstein, 1823)	Chilika Lake	Chattopadhyay (1995)
<i>Thalasseus bengalensis</i> (Lesson, 1831)	Dhamara Port, Bhitarkanika, Chilika Lake	Chattopadhyay (1995); Pandav (1996); Dutta (2007)
<i>Rynchops albicollis</i> Swainson, 1838	Dhamara Port, Bhitarkanika	Pandav (1996); Dutta (2007)
Order Coraciiformes Forbes, 1884		
Family Alcedinidae Rafinesque, 1815		
<i>Todiramphus chloris</i> (Boddaert, 1783)***	Bhitarkanika	Pandav (1996)

*Brackish water habitat

**Marine/Brackish water/Freshwater habitats

***Brackish water/Freshwater habitats

****Marine/Freshwater habitats

Table 28. Checklist of Mammalia recorded from the Odisha coast

Phylum Chordata Haeckel, 1874	Locality	References
Subphylum Vertebrata Cuvier, 1812		
Class Mammalia Linnaeus, 1758		
Subclass Theria Parker and Haswell, 1897		
Infraclass Placentalia Owen, 1837		
Order Carnivora Bowdich, 1821		
Suborder Caniformia Kretzoi, 1938		
Family Mustelidae Fischer, 1817		
<i>Lutra perspicillata</i> (I. Geoffroy Saint-Hilaire, 1826)	Chilika Lake (Barkul Point)	Annandale (1915f)
Order Sirenia Illiger, 1811		
Family Dugongidae Gray, 1821		
<i>Dugong dugon</i> (Müller, 1776)	Chilika Lake	Naik (2008)
Order Cetacea Brisson, 1762		
Suborder Mysticeti Flower, 1864		
Family Balaenopteridae Gray, 1864		
<i>Balaenoptera acutorostrata</i> Lacépède, 1804	Odisha Coast	John <i>et al.</i> (2012)
<i>Balaenoptera borealis</i> Lesson, 1828	Odisha Coast	John <i>et al.</i> (2012)
<i>Balaenoptera edeni</i> Anderson, 1878	Odisha Coast, Off Rushikulya Estuary, South of Rushikulya River, Gopalpur Light House	John <i>et al.</i> (2012)
Suborder Odontoceti Flower, 1867		
Family Delphinidae Gray, 1821		
<i>Delphinus delphis</i> Linnaeus, 1758	Paradip	Jayaprakash <i>et al.</i> (1995); John <i>et al.</i> (2012)
<i>Grampus griseus</i> (G. Cuvier, 1812)	Odisha Coast	John <i>et al.</i> (2012)
<i>Orcaella brevirostris</i> (Owen in Gray, 1866)	Gahiramatha, Chilika Lake (Outer Channel, Satapada)	Annandale (1915f); James <i>et al.</i> (1989); Dhandapani (1992, 1995b, 1997); Saha (1995); Sinha (2004); John <i>et al.</i> (2012)
<i>Pseudorca crassidens</i> (Owen, 1846)	Odisha Coast	John <i>et al.</i> (2012)
<i>Sousa chinensis</i> (Osbeck, 1765)	Bhitarkanika (Gahiramatha)	James <i>et al.</i> (1989); Jayaprakash <i>et al.</i> (1995); Satapathy <i>et al.</i> (2008); John <i>et al.</i> (2012)
<i>Stenella longirostris</i> (Gray, 1828)	Odisha Coast	Jayaprakash <i>et al.</i> (1995); John <i>et al.</i> (2012)
<i>Stenella coeruleoalba</i> (Meyen, 1833)	Odisha Coast	John <i>et al.</i> (2012)
<i>Tursiops truncatus</i> (Montagu, 1821)	Odisha Coast	Jayaprakash <i>et al.</i> (1995); John <i>et al.</i> (2012)
Family Phocoenidae Gray, 1825		
<i>Neophocaena phocaenoides</i> (Cuvier, 1829)	Bhitarkanika (Gahiramatha)	James <i>et al.</i> (1989); Satapathy <i>et al.</i> (2008); John <i>et al.</i> (2012)
Family Physeteridae Gray, 1821		
<i>Physeter macrocephalus</i> Linnaeus, 1758	Odisha Coast	John <i>et al.</i> (2012)
Family Platanistidae Gray, 1846		
<i>Platanista gangetica</i> (Lebeck, 1801)	Bhitarkanika	Satapathy <i>et al.</i> (2008); John <i>et al.</i> (2012)

The rich marine faunal diversity of Odisha is the result of extensive survey and study efforts, which is corroborated by a total of 455 publications. For instance, the best-represented taxa [Platyhelminthes, Arthropoda, Annelida, Mollusca, and Gnathostomata (Pisces)] combinedly appeared in 506 literature whereas the remaining taxa have been reported in 148 publications. Nevertheless, many of the taxa including some major phyla have been poorly studied. Porifera, Cnidaria, Ctenophora, Entoprocta, Kinorhyncha, Nematoda, Tardigrada, Echiura, Sipuncula, Bryozoa, Brachiopoda, Hemichordata, Echinodermata, and Tunicata are likely to add more species to the marine fauna of Odisha.

Most of the species of the Odisha coast have been recorded from major coastal areas, harbours, estuaries, backwaters, lagoons, and intertidal areas whereas extensive areas of sublittoral zones, continental shelf, and deep sea are yet to be explored. Among the major areas of the Odisha coast, the following localities need further survey: Balasore coast, Bhadrak coast, Bhitarkanika mangroves, Mahanadi estuary, Chilika Lake, and Ganjam coast. Furthermore, investigations should be carried out on some natural and manmade structures like mangroves, maritime vessels, harbour structures, coastal installations, etc. that can act as a habitat for many sedentary animals in the absence of a true rocky

coast. As far as biodiversity is concerned, introduction or new arrivals of marine species mainly through shipping activities should be monitored on a priority basis.

The main drawbacks in the knowledge of the marine faunal diversity of Odisha are the skewed study efforts made over a period of time and the accuracy of identifications reported during early studies. The very first marine species of Odisha was reported in the year 1878, and there were 20 publications by the year 1810. A total of 80 publications were added between 1811 and 1840. Between 1841 and 1980, another 92 publications were added. But, the rate of the marine faunal study was extremely increased during the past three decades, and a total of 455 publications were available at the end of 2012. Publications made during early 19th Century include descriptions of many new species, including that of Mollusca (Subba Rao *et al.*, 1991) and Pisces (Barman *et al.*, 2007). Taxonomic re-evaluation of such species can affect the marine faunal diversity of the Odisha coast in case they are synonymized.

A review of the historical data over 135 years (from 1878 to 2012) available in 455 publications resulted in recognition of 2,611 marine and brackish water species from Odisha in 25 taxa (phylum/subphylum/superclass/class). The current knowledge on the species diversity of individual taxa is of heterogeneous nature. While some taxa were certainly well-studied *e.g.* Platyhelminthes, Arthropoda, Annelida, Mollusca, and Gnathostomata (Pisces), some were poorly studied. Few taxa were never reported from Odisha *e.g.* Hemichordata and Cephalochordata. Some major taxa (Foraminifera, Porifera, Cnidaria, Nematoda, Echinodermata, and Tunicata) and most of the minor phyla need comprehensive taxonomic studies. Exploration of marine diversity in the extensive areas of sublittoral zones, continental shelf, and the deep sea is still far from satisfaction.

Diligent efforts were made during the preparation of the present checklist that took nearly two years to complete. We believe that most of the species records were verified correctly after consulting almost all the literature in original. Therefore, it can be safely assumed that the species mentioned in the present checklist had definitely appeared in the relevant

publication. Of course, we might have skipped some species records and references. Even then, the present annotated checklist will serve as the baseline information for future studies. The only matter of concern is that the opinion of individual taxonomists on the taxonomic status of a given taxon. Taxonomy is an ever-changing science and needs an update from time to time. In this situation, we can not guarantee the taxonomic status of taxa appeared in the present checklist. Therefore, we advise the researchers to verify each species record from the original publication and consult the latest literature and databases.

Odisha is rich in marine faunal resources. Nevertheless, a complete inventory of marine fauna is not possible at present due to insufficient taxonomic studies on many major and minor phyla and the ever-changing science of taxonomy. At this juncture, the present information reflects the gap in the knowledge of the marine biodiversity of Odisha and opens opportunities for taxonomists.

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