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Catalogue of fish species from northeastern states of India being deposited in the referral Museum college of fisheries CAU (I), Lembucherra, Agartala, Tripura- Part II

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Abstract

Out of the total 22,676 specimens of different fish species collected from different ecosystem of Northeastern India, 2390 specimens belonging to 162 species, 78 genera and 33 families have been authentically identified and only 1178 specimens belonging to 157 species, 76 genera, and 32 families of 10 orders have been catalogued in part I. In continuation to the Part I of this Catalogue 1212 specimens belonging to 89 species, 59 genera, 22 families and 9 orders have been authentically identified and finally catalogued by assigning a unique registration No. for future referral study. Still it is not the final catalogue as the taxonomic studies are in progress and would be published as Part III so as to have a comprehensive database with referral material of the fish diversity in the region for proper planning and conservation strategies to be implemented.

Keywords: Catalogue, referral Museum College, fisheries CAU (I)

1. Introduction

The entire Northeastern states of India with an unique geographic location situated at the tri-junction of the Indo-Malayan and Eastern Palaearctic biogeographic realms are being explored to inventories the fish genetic resources^[1]. In view of this uniqueness of zoogeographic region we endeavoured to inventories different genetic resources with their higher degree of endemism for proper planning, management and conservation. As a result a huge collection of fish comprising more than 22,676 specimens of different species have been made during the last five years (2013-2018). The systematic investigation based on both classical as well as molecular tools for the authentic identification of this huge collection is in progress by the expertise in different field of ichthyology so as to compile a comprehensive data base. The envisaged programme of cataloguing aims at the state of the art of our knowledge of the diversity of freshwater fishes of Northeast India. Though, Northeastern region of India has attracted a number of workers to explore the Ichthyotaxonomy with their findings on the biosystematics of fish species of the region^[3]. But despite of this enormous work, the ambiguity in species identification still persists as the researchers of this region are not able to access the type material because of the location disadvantage as the authors have not deposited their material at one designated national repository or most of the types are properly maintained at far of places either in (BNHM) London, (MCZ) Harvard, (UMMZ) Michigan, (MNHN) Paris, Indian Museum, (ZSI) Kolkata or some time in poorly maintained condition in the different University Museum of the country^[3]. In this context a team of researchers comprising faculty members of COF, CAU and the experts from other Institutions are contributing effectively in inventorisation of fish faunal resources of the region by conducting systematic extensive surveys of all the major drainage system of entire Northeastern States under the project "Centre of Excellence for fishery and Aquaculture Biotechnology for Northeast". This catalogue is not the ultimate inventory of the fishes of Northeast India. Many discoveries are still ahead of us and a great amount of work remains to be done before we reach an acceptable level of knowledge. Catalogue of Fish species from Northeastern States of India in the Referral Museum College of Fisheries CAU (I), Lembucherra, Agartala, Tripura, Part I is augmented further by adding 1212 specimens of fish belonging to 89 species so as to have the state of the art of our knowledge of the diversity of freshwater fishes of Northeast India.

2. Materials and Methods

Fish specimens collected from entire Northeast Region have been identified based on classical and molecular taxonomic tools [3, 12, 17] and deposited in CAU-COF museum as a reference collection for future revisionary work. The detailed data on morphometric traits, osteological and molecular attributes are with the respective authors who have published their findings elsewhere. Therefore, all possible efforts have been made to catalogue the species along with pertinent data of abundance, size range, distributional status, date of collection, collector is digitized here following the standard norms of International Code of Zoological nomenclature by the taxonomist in the abbreviated form e.g. (*Macrornathus pancalus* Hamilton, 1822 – COF-CAU-0623, 3ex72.82-98.57mm SL, Tista River, Gajoldoba, Sikkim, N26°46.930' E088°046.230' 05.06.2014, Coll. Tanmoy & Party, Sub. R. Dhanze), So far altogether 162 species comprising 2390 specimens have been catalogued, deposited by various experts. The detailed taxonomic data and the authenticity of the identification rest with the scientists who have deposited the material and published elsewhere. The sign “??” in respect of a few attributes indicates data deficit either at the end of collector or the researchers who deposited the material in this catalogue.

3. Results

A total of 2390 fish specimens belonging to 162 species, 78 genera, and 32 families of 10 orders have been catalogued in both Part I & II of this catalogue based on the authentic identification of species mainly based on the classical taxonomy, besides some of the specimens identified based on the molecular tools. However, in this Part II includes 1212 specimens belonging to 89 species, 59 genera, and 22 families of 9 orders as detailed below. The identification keys and photographs are provided by different authors who have submitted the material for cataloguing and published their findings elsewhere [3].

3.1 Order – Osteoglossiformes

3.1.1 Family- Notopteridae

3.1.1.1 *Chitala chitala* (Pallas 1769): COF-CAU-0177, 1ex360mmSL, Payapem Bheel, Rangapani, Assam, 26°41'188"N 092°48'978"E, 22.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze.

3.1.1.2. *Notopterus notopterus* (Pallas 1769): COF-CAU-0232, 1ex??SL Brahmaputra River, Bhumarguri, Assam, 26°36'713"N 092°51'054"E, 19.10.2016, Coll. P. Biswas & Party, Sub. KV. Radhakrishnan; COF-CAU-0233, 1ex??SL, Gabaro River, Gabaro, Assam, 26°41'324"N 092°39'589" E, 20.10.2016, Coll. P. Biswas & Party, Sub. KV. Radhakrishnan.

3.2. Order – Clupeiformes

3.2.1 Family- Clupeidae

3.2.1.1 *Gudusia chapra* (Hamilton 1822): COF-CAU-0235, 2ex64-85mmSL, Brahmaputra River, Forestghat, Assam, 26°36'878"N 92°42'519"E, 20.10.2016, Coll. P. Biswas & Party, Sub. KV. Radhakrishnan.

3.3 Order – Cypriniformes

3.3.1 Family- Cobitidae

3.3.1.1 *Botia dario* (Hamilton 1822): COF-CAU-0182, 2ex??SL, Lukha River, Sonapur, Meghalaya, 25°06'093"N

92°21'392"E, 23.08.2016, Coll. C. Wanglar & Party, Sub. AS. Barman; COF-CAU-0523, 1ex??SL, Brahmaputra River, Forestghat, Assam, 26°30'978"N 92°47'319"E, Alt 54m, 20.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze.

3.3.1.2 *Lepidocephalichthys guntea* (Hamilton 1822): COF-CAU-0124, 3 ex??SL, Khowai River, Khowai, Tripura, 24°00'744"N 91°37'044"E, 28.12.2013, Coll. P. Debnath, Sub. P. Bhattacharjee.

3.3.2 Family- Cyprinidae

3.3.2.1 *Amblypharyngodon mola* (Hamilton 1822): COE-CAU-0119, 29ex??SL, Gomati River, Juronja Kortori, Tripura, 23°25'713"N 091°45'284"E, 06.03.2014, Coll. P. Debnath & A. Husain, Sub. P. Bhattacharjee.

3.3.2.2 *Aspidoparia jaya* (Hamilton 1822): COF-CAU-0287, 11ex63.6mm SL, Siang River, Sido, Arunachal Pradesh,??, 17.01.2014, Coll. R. Kumar, Sub. R. Dhanze.

3.3.2.3 *Bangana dero* (Hamilton 1822): COF-CAU- 0567, 5ex90.17-94.34mmSL,Orang River, Pasaroi, Assam, 26°31.928'N 92°20.081'E, Alt.93m, 08.05.2016, Coll. P. Biswas & Party, Sub. K. Yadav; COF-CAU- 0568, 1ex165.33mmSL, Brahmaputra River, Bhumarguri, Assam, 26°36.713'N92°51.054'E,Alt.61m, 19.10.2016, Coll. P. Biswas & Party, Sub. K. Yadav; COF-CAU-0569, 6ex77.16-106.54mmSL,Manas River, Ruhumari, Assam, 26°46.012'N 92°49.974'E, Alt.62m, 18. 10. 2017, Coll. K. Yadav, Sub. K. Yadav; COF-CAU-0570, 5ex78.0-105.03mmSL, Brahmaputra River, Mopam, Assam,26°42.128'N 92°28.118'E, Alt.61m,17.10.2017,Coll.K.Yadav,Sub. K. Yadav; COF-CAU-0571, 2ex89.55-97.83 mmSL, Brahmaputra River, Bhumarguri, Assam, 26°36.713'N 92°51.054'E, Alt.61m, 18. 10. 2017, Coll. K. Yadav, Sub. K. Yadav; COF-CAU-0572, 2ex116.09-120.9mmSL, Doyang River, Doyang village, Nagaland, 26°18.334'N 94°17.952'E, Alt.355m, 01. 12. 2016, Coll. H. & Party, Sub. K. Yadav; COF-CAU- 0573, 10ex98.93-105.20mmSL, Khujai River, Mongyang, Manipur, 23° 94.9924'N 94° 16.0543'E, 01.11.2017, Coll. B. Devi, Sub. K.Yadav; COF-CAU-0574, 1ex122.75mmSL, Yamne River, Jenu Village, Arunachal Pradesh, 28°15.334'N 95°12.397'E, 24. 03. 2016, Coll. JR. Dhanze & Party, Sub. K. Yadav.

3.3.2.4 *Barbonymus gonionotus* (Bleeker 1849): COF-CAU-0211, 2ex??SL, Vanva River, Haulawng, Mizoram, 23°05'414"N 092°46'483"E, 29.07.2013, Coll. Samar & Zama, Sub. AS. Barman.

3.3.2.5 *Barilius barila* (Hamilton 1822): COF-CAU-0253,7ex53.75mm SL, Seppi River, Thatching, Arunachal Pradesh, 28°03'652"N 094°59'676"E Alt 371m, 28.09.2016, Coll. J. Parhi, & Party, Sub. KV. Radhakrishnan.

3.3.2.6 *Barilius bendelisis* (Hamilton 1822): COF-CAU-0231, 4ex83.71-109.24mmSL, Rangit River, Jorethang, Sikkim, 27°07'683"N 88°16'991"E, 25.12.2015, Coll. T. Acharjee, Sub. KV. Radhakrishnan; COF-CAU-0248, 1ex92.21mm SL, Siley River, Ladung, Arunachal Pradesh, 27°56'670"N 095°07'780"E, 18.03.2016, Coll. JR. Dhanze & Party, Sub. R. Dhanze.

3.3.2.7 *Chagunius chagunio* (Hamilton 1822): COF-CAU-0243, 2ex??SL, Tatching River, Borguli, Arunachal Pradesh, 28°00'523"N 095°27'887"E, 23.03.2016, Coll. J. Parhi & Party, Sub. R. Dhanze.

3.3.2.8 *Cirrhinus mrigala* (Hamilton 1822): COF-CAU-0095, 2ex??SL, Tuichang River, Aizawl Seling chaph road, Mizoramam., 23°33'545"N 93°06'170"E, 28.08.2013, Coll. AS. Barman, Sub. R. Dhanze; COF-CAU-0165, 1ex??SL, Loktak Lake, Loktak, Manipur, Coll. B. Hijam, Sub. KV. Radhakrishnan.

3.3.2.9 *Cirrhinus reba* (Hamilton 1822): COF-CAU-0080, 3ex??SL, Kalu River, Garo-badha, Meghalaya, 25°34'377"N 90°01'298" E, 20.03.2013, Coll. AS. Barman, Sub. R. Dhanze.

3.3.2.10 *Crossocheilus latius* (Hamilton 1822):COF-CAU-0255,2ex106.33mmSL, Garrak River, Sigar, Arunachal Pradesh, 28°04'363"N 095°24'169"E, 19.03.2016, Coll. JR. Dhanze & Party, Sub. R. Dhanze.

3.3.2.11 *Cyprinion semiplotum* (McClelland 1839):COF-CAU-0256, 1ex109.87mmSL, Tatching River, Arunachal Pradesh, 28°00'523"N 095°27'887"E, 23.03.2016, Coll. JR. Dhanze, & Party, Sub. KV. Radhakrishnan.

3.3.2.12 *Danio rerio* (Hamilton 1822): COF-CAU-0260, 45ex21.26-??mmSL, Pandung River, Ziro, Arunachal Pradesh, 27°57'794"N 094°17'642"E Alt 220m, 01.10.2016, Coll. J. Parhi, & Party, Sub. KV. Radhakrishnan

3.3.2.13 *Devario aequipinnatus* (McClelland 1839): COF-CAU-0090, 3ex??SL, Serlui River, Reiekkai tlawng bridge, Mizoramam., 23°42'317"N 92°40'280" E, 29.08.2013, Coll. AS.Barman, Sub. R. Dhanze; COF-CAU-0229, 5ex44.57-56.75mmSL, Teesta River, Odlabari, Sikkim, 26°51'936"N 88°37'408"E, 31.12.2015, Coll. T. Acharjee and A.Rai, Sub. KV. Radhakrishnan; COF-CAU-0245, 2ex65.13mmSL, Digaro River, Digaro, Arunachal Pradesh, 27°53'328"N 095°02'740"E Alt 167m, 09.05.2017, Coll. KV. Radhakrishnan & Party, Sub. KV. Radhakrishnan.

3.3.2.14 *Esomus danrica* (Hamilton 1822): COF-CAU-0099, 9ex??SL, Tuichang River, Aizawl Seling chaph, Mizoramam., 23°33'545"N 93°06'170"E, 28.08.2013, Coll. AS. Barman, Sub. R. Dhanze.

3.3.2.15 *Garra annandalei* (Hora 1921): COF-CAU-0083, 1ex70.67mmSL, Kalu River, Garo-badha, Meghalaya, 25°34'377"N 90°01'298"E, 20.03.2013, Coll. AS. Barman, Sub. R. Dhanze; COF-CAU-0089, 1ex??SL, Tuipui River, Tuipui, Mizoramam, 23°27'009"N 93°15'373"E, 12.07.2013, Coll. AS. Barman, Sub. R. Dhanze; COF-CAU-0222, 1ex13.6mmSL, Rangit River, Reshi, Sikkim, 27°08' 052"N 88°43'959"E, 13.03.2014, Coll.T. Acharjee, Sub. KV. Radhakrishnan; COF-CAU-0237, 2 ex, 55.46mm SL, Brahmaputra River, Dhasin, Assam, 26°53'509"N092°06'945"E, 24.10.2016, Coll.P.Biswas & Party, Sub. KV. Radhakrishnan; COF-CAU-0241, 5ex58.01-74.03mmSL, Kamala River, Tameng, Arunachal Pradesh, 27°45'564"N 094°00'518"E, 02.10.2016, Coll. J.Parhi & Party, Sub. KV. Radhakrishnan.

3.3.2.16 *Garra gotyla* (Gray 1830): COF-CAU-0221, 6ex14.2mmSL, Teesta River, Sikkim, 27°18'177"N 088°65'066"E, 16.03.2014, Coll. T. Acharjee & A. Rai, Sub. KV. Radhakrishnan; COF-CAU-0518, 1ex9mmSL, Pantung para, Pantung River, Arunachal Pradesh, 27°25'076"N 093°56'623"E, Alt 458m, 03.10.2016, Coll. J. Parhi, & Party, Sub. R. Dhanze.

3.3.2.17 *Garra kempfi* (Hora 1921): COF-CAU-0250, 2ex71.37mmSL, Yumchi River, Yumchinumtal, Arunachal Pradesh, 28°02'935"N 094°10'538"E, 28.09.2016, Coll. J. Parhi & Party, Sub. KV. Radhakrishnan.

3.3.2.18 *Garra nasuta* (McClelland 1838): COF-CAU-0191, 6ex??SL, Tlawng River, Lengte kai, Mizoramam., 23°48'04"N 092°37'34"E, 11.02.2017, Coll. AS. Barman & Party, Sub. AS. Barman.

3.3.2.19 *Labeo bata* (Hamilton 1822): COF-CAU-0213, 2ex??SL, Tuirial River, Tuirial Kolasib, Mizoramam, 24°20'563"N 092°52'508"E, 18.11.2013, Coll. AS. Barman, Sub. AS. Barman; COF-CAU-0239, 1ex??SL, Sessa River, Dhligiam, Assam, 27°35'625"N 095°32'713"E, 28.04.2017, Coll. P. Biswas & Party, Sub. KV. Radhakrishnan; COF-CAU-0575, 1ex115.17mmSL, Deo River, Kumarghat, Tripura, 24° 09.809'N 92°02.206'E, Alt.24m, 02. 02. 2018, Coll. S. Pandit, Sub. S. Pandit; COF-CAU-0582, 3ex66.21-73.18mmSL, Gomati River, Udaipur, Tripura, 23°54.196'N 91°49.189'E, 12. 11.2017, Coll. S. Pandit, Sub. S. Pandit; COF-CAU-0584, 2ex77.35-81.20mmSL, Gomati River, Lekchowmuhani, Tripura, 23° 84.224'N 91° 28.180'E, 28. 12. 2017, Coll. S. Pandit, Sub. S. Pandit; COF-CAU-0594, 1ex120.40mmSL, Gomti River, Beripara, Tripura 23°29'618"N 091°17'340"E, 12.03.2014, Coll. A. Husain, Sub. S. Pandit; COF-CAU- 0595, 3ex114.45-117.85mmSL, Umlhai River, Umaghat, Meghalaya, 25°11'118"N 092°01'024"E, 24.06.2016, Coll. J.Singh & party, Sub. S. Pandit; COF-CAU-0598, 3ex87.08-90.77mmSL, Umghat River, Dawki upper, Meghalaya, 25°11'425"N 092°01'104"E, 24.06.2016, Coll. J.Singh & party, Sub. S. Pandit.

3.3.2.20 *Labeo boga* (Hamilton 1822): COF-CAU-0578, 5ex70.80-89.84mmSL, Gomati River, Kemtali Tripura, 23° 52.532'N 91°32.293'E, 21. 09. 2017, Coll. P. Bhattacharjee & Party, Sub. S. Pandit; COF-CAU- 0587, 1ex104.38mmSL, Jinjiram. River, Rajabala, Meghalaya, 25°76'260"N 089°96'036"E, 17.09.2013, Coll. Bidya Devi, Sub. S. Pandit.

3.3.2.21 *Labeo calbasu* (Hamilton 1822): COF-CAU-0184, 1ex??SL, Lukha River, Sonapur, Meghalaya, 25°06'093"N 092°21'392"E, 23.08.2016, Coll. C. Wanglar & Party, Sub. AS. Barman; COF-CAU-0579, 3ex94.52-120.29mmSL, Khowai River, Chakmaghat barrage, Tripura, 23° 83.458'N 91° 68.066'E, 30. 06. 2017, Coll. P. Bhattacharjee & Party, Sub. S. Pandit; COF-CAU-0583, 1ex64.56mmSL, Gomati River, Udaipur Tripura, 23° 54.196'N 91° 49.189'E, 12. 11. 2017, Coll. S. Pandit, Sub. S. Pandit; COF-CAU-0589, 1ex 159.37mmSL, Doyang River, Doyang, Nagaland, 26°18'334"N 094°17'952"E, 01.12.2016, Coll. H.Saha & party, Sub. S. Pandit; COF-CAU-0593, 1ex122.46mmSL, Gomti River, Battali, Tripura, 23°50'554"N 091°16'723"E, 13.03.2014, Coll. A. Husain, Sub. S. Pandit; COF-CAU-0597, 3ex105.62-109.58mmSL, Umatham River, Nongpoh,

Meghalaya, 25°54'030"N 091°52'501"E, 25.06.2016, Coll. Hijam & Aziz, Sub. S. Pandit; COF-CAU-0601, 4ex92.90-115.68mm SL, Deo River, Kumarghat, Tripura, 25°44'477"N, 091°48'556"E, Coll. J.Singh & party, Sub. S. Pandit.

3.3.2.22 *Labeo gonius* (Hamilton 1822): COF-CAU-0252, 1ex 120.84mmSL, Tapi River, Siku seru, Arunachal Pradesh, 28°10'243" N 095°43'922" E, 27.03.2016, Coll. J. Parhi & Party, Sub. R. Dhanze; COF-CAU-0576, 2ex94.10-112.59mmSL, Deo River, Kumarghat Tripura, 24°09.809'N 92°02.206'E, Alt.24m, 02. 02. 2018, Coll. S. Pandit, Sub. S. Pandit; COF-CAU- 0588, 1ex124.61mmSL, Gomti River, Narayanpur, Tripura, 23°29'865"N 091°33'541"E, 21.03.2014, Coll. P. Debnath & A. Husain, Sub. S. Pandit; COF-CAU-0590, 1ex182.98mmSL, Gomti River, Mandirghat, Tripura, Coll. M. Debnath, Sub. S. Pandit; COF-CAU-0591, 1ex92.90-115.68mmSL, Gomti River, Bartala, Tripura, 23°92'328"N 091°40'043"E, 25.06.2015, Coll. P. Debnath & A. Husain, Sub. S. Pandit; COF-CAU-0592, 4ex98.04-105.85mmSL, Deo River, Kumarghat, Tripura, 24°09'809"N 092°02'206"E, Alt 24m, 03.02.2018, Coll. S. Pandit, Sub. S. Pandit; COF-CAU-0599, 1ex124.95 mmSL, Umghat River, Dawki upper, Meghalaya, 25°11'425"N 092°01'104"E, 24.06.2016, Coll. J.Singh & party, Sub. S. Pandit; COF-CAU-0600, 4ex92.90-115.68mm SL, Deo River, Kumarghat, Tripura, 23°01'148"N, 095°01'324"E, 05.09.2014, Coll. J. Singh & party, Sub. S. Pandit.

3.3.2.23 *Labeo rohita* (Hamilton 1822): COF-CAU-0168, 1ex197.74mmSL, Loktak lake, Loktak, Manipur, ???, ???, Coll. B. Hijam, Sub. KV. Radhakrishnan; COF-CAU-0577, 3ex 58.9- 83.41mmSL, Gomati River, Kemtali, Tripura, 23° 52.532'N 91° 32.293'E, 06. 08. 2017, Coll. P. Bhattacharjee & Party, Sub. S. Pandit; COF-CAU-0580, 3ex108.18-119.36mmSL, Khowai River, Chakmaghat barrage, Tripura, 23° 83.458' N 91° 68.066'E, 07. 08. 2017, Coll. M.K. Dutta, & Party, Sub. S. Pandit; COF-CAU-0581, 1ex67.92mmSL, Gomati River, Udaipur, Tripura, 23°54.196'N 91°49.189'E, 12. 11. 2017, Coll. S. Pandit, Sub. S. Pandit; COF-CAU-0585, 3ex120.54-139.66mm SL, Khowai River, Chakmaghat, Tripura, 23°83'458"N 091°68'066"E, Coll. P. Debnath & A. Husain, Sub. S. Pandit; COF-CAU-0586, 1ex141.85mmSL, Khowai River, Ramchandraghat, Tripura, 24°01'287"N 091°61'047"E, 28.12.2013, Coll. P. Debnath, Sub. S. Pandit; COF-CAU- 0596, 2ex62.50-64.05mmSL, Abang River, Thakur cherra, Tripura, 23°11'399"N 091°36'590"E, 30.03.2017, Coll. Amit, Sub. S. Pandit.

***Neolissochilus hexagonolepis* (McClelland 1839):** COE-CAU-0270, 1ex 95mmSL, Amlayee River, Nongbareh, Meghalaya, 25°13'751"N 092°00'553"E, 27.08.2016, Coll. C. Wanglar & Party, Sub. R. Dhanze; COE-CAU-0275, 1ex139.49mmSL, Tuirial River, Tuirial, Mizoramam., 11.03.2014,???, Coll. Samar & Zama, Sub. R. Dhanze.

3.3.2.24 *Neolissochilus hexastichus* (McClelland 1839): COE-CAU-0271,1ex95mmSL, Amlayee River, Nongbareh, Meghalaya, 25°13'751" N092°00'553" E,22.08.2016, Coll. JR. Dhanze & Party, Sub. R. Dhanze.

3.3.2.25 *Opsarius barna* (Hamilton 1822): COF-CAU-0219, 2ex??SL, Tut River, Dapchhuah, Mizoramam, 23°46'303"N 092°31'162"E, 05.09.2013, Coll. A S. Barman, Sub. AS. Barman; COF-CAU-0249, 2ex, 54.46mmSL, Bulbulia River,

Bulbulia, Arunachal Pradesh, 27°83'284"N 096°01'301" E, ???, Coll. KV. Radhakrishnan, & Party, Sub. KV. Radhakrishnan.

3.3.2.26 *Osteobrama cotio* (Hamilton 1822): COF-CAU-0176, 5ex68.35–81.40mmSL, Gumti River, Battali, Tripura, ???, 13.05.2014, Coll. A. Husain; COF-CAU-0515, 3ex37.91-47.19mmSL, Brahmaputra River, Amalopatty, Assam, 27°44'215"N 095°04'512"E, Alt 152m, 24.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0522, 1ex80mmSL, Brahmaputra River, Mizan northline, Assam, 27°50'527"N 095°96'635"E, Alt 143m, 23.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze

3.3.2.27 *Osteobrama cunma* (Day): COF-CAU-0174, 7ex49.55-63.33mmSL, Iril River, Tigercamp, Manipur, ??,18.03.13, Coll. L.Chanu, Sub. R. Dhanze; COFCAU-0174, 11ex48.05–79.23mmSL, Iril River,Top kongpal, Manipur,???,20.04.13,Coll. Lakshmi Chanu, Sub. R. Dhanze; COF-CAU-0175, 1ex 65.61mmSL, Imphal River, Laiphrakpam, Manipur, ???, 25.04.13, Coll. Lakshmi Chanu, Sub. R. Dhanze.

3.3.2.28 *Pethia conchoniis* (Hamilton 1822): COF-CAU-0440, 1ex43.15mmSL, Sonbil River, Kathathala, Assam, 24°67'839"N 092°16'180"E Alt 13m, 09.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0461, 1ex54.89 mmSL, Kachua River, Naigram., Assam, 24°05'544"N 092°25'291"E Alt 15m, 10.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0479,1ex41.83mmSL, Brahmaputra River, Forestghat, Assam, 26°36'978"N 092°47'579"E Alt 54m, 20.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze.

3.3.2.29 *Pethia gelius*(Hamilton, 1822): COF-CAU-0407, 7ex30.53-31.65mmSL, Brahmaputra River, Amolapatty, Assam, 27°45'205"N 095°46'419"EAAlt 140m, 22.04.2017, Coll. P.B is was & Party, Sub. R. Dhanze;COF-CAU-0409, 4ex31.32-31.85mmSL, Brahmaputra River, Amolapatty, Assam, 27°16'234"N 095°60'211"E, Alt153m, 23.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0464, 4ex19.31-20.88mm SL, ??? River, Kardohola, Assam, ???, 07.11.2015, Coll. A. Das & S. Kachari, Sub. R. Dhanze.

3.3.2.30 *Pethia phutunio* (Hamilton, 1822): COF-CAU-0482, 4ex32.88-34.10mmSL, Chotachaudhury, ???, Assam, 06.12.2013, Coll. ??, Sub. R. Dhanze; COF-CAU-0493, 2ex33.43-34.12mmSL, Amalopatty, Assam, 27°45'205"N 095°04'419"E Alt 140m, 22.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0521, 1ex5mmSL, Brahmaputra River, Amolapatty, Assam, 27°45'205"N 095°04'419"E, Alt 140, 22.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze.

3.3.2.31 *Pethia ticto* (Hamilton 1822): COF-CAU-0375, 1ex37mmSL, Satemari, Assam,??? 02.11.2014, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0382, 1ex27.58 mmSL, Sub. R. Dhanze; COF-CAU-0388, 2ex33.07-34.64mmSL, Chotachaudhury, Assam,???, 06.12.2013, Coll.?? Sub. R. Dhanze; COF-CAU-0399, 1ex24.95mmSL, Koliabor, Assam,??? 06.08.2014, Sub. R. Dhanze; COF-CAU-0406, 1ex 59.62 mmSL, Bushi kuchi, Assam, ???, 08.11.2015, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0421, 1ex35.81mmSL, Balina River, Sutarkandi,

Assam, 24°52'497"N 092°15'240"E, Alt 12m, 07.08. 2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0430, 1ex38.06mmSL, Kakra River, Kaligang, Assam, 24°47'351"N 092°24'797"E, Alt 12m, 10.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0434, 1ex35.87mmSL, Balina River, Alampur, Assam, 24°49'295"N, 092°18' 365 "E, Alt 10m, 07.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0447, 1ex 40.08mm SL, Kushiya River, Sadamshil, Assam, 24°31'074"N 092°58'086"E, Alt 13m, 08.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0449, 6ex36.46-48.20mmSL, Devpur, Assam, 24°32' 733"N 092°21'205"E, Alt 10m, 09.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0454, 1ex 44.76mmSL, Katakhal River, Narayanpur, Assam, 24°41'506"N 092°32'703"E, Alt 8m, 10.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0465, 13ex25.88-48.60mmSL, Kardohola, Assam, ???, 07.11.2015, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0474, 3ex37.37-45.62mmSL, Dhantak, Assam, ???, 19.11.2014, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0486, 2ex29.00-32.00mmSL, Brahmaputra River, Mallapathy, Assam, 26°37'041"N 092°46'989"E, Alt 59m, 19.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0497, 1ex 39.18mmSL, Brahmaputra River, Kalia bhomre, Assam, 26°37'420"N 092°26' 064"E, Alt 56m, 21.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0508, 3ex27.86-31.83 mmSL, Tuisamar, Assam, ???, 24.04.2014, Coll. ??, Sub. R. Dhanze; COF-CAU-0513, 1ex32.52mmSL, Brahmaputra River, Alampur, Assam, 24°41'082"N 092°33'685"E, Alt 10m, 11.08.2014, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0516, 2ex28.67-31.95mm SL, Brahmaputra River, Forestghat Assam, 26°36'978"N 092°47'519"E, Alt 54m, 20.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze.

3.3.2.32 *Puntius chola* (Hamilton 1822): COF-CAU-0386, 21ex206.89-232.56mmSL, Brahmaputra River, Bhajkhun crapori, Assam, 26°42'814"N, 092°40'012"E, Alt 64m, 19.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0387, 1ex72.71mmSL, Bhajkhun crapori, Assam, 26°42'814"N 092°40'012"E, Alt 64m, 19.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0390, 5ex 39.82-63.66mmSL, Sessa River, Tungakhat, Assam, 28°33'587"N 095°17'399"E Alt 142m, 25.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0396, 4ex39.40-47.43mmSL, Chotachaudhury, Assam, ???, 06.12.2013, Coll. ??, Sub. R. Dhanze; COF-CAU-0397, 4ex45.24-52.19mmSL, Sessa River, Mahorkatia, Assam, 27°93'441"N 095°24'01"E Alt 141m, 25.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0400, 5ex45.22-65.27mm SL, Dhantak, Assam, ???, 09.11.2014, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0401, 1ex59.27mmSL, Brahmaputra River, Ajanguri, Assam, 27°11'037"N 094°56'013"E, Alt 146m, 23.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0403, 2ex49.30-54.42mmSL, Dhanbudi Assam, ???, 12.09.2014, Coll. ??, Sub. R. Dhanze; COF-CAU-0404, 9ex45.15-52.00mmSL, Brahmaputra River, Forestghat, Assam, 26°36'978"N 092°47'579"E Alt 54m, 20.10.2016, Coll. P. Biswas & Party Sub. R. Dhanze; COF-CAU-0411, 13ex25.88-48.60mmSL, Jio borali River, Assam, 26°48'801"N 095°64'419"E, Alt 61m, 23.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0412, 6ex205.50-221.69mmSL, Brahmaputra River, Assam, 26°42'814"N 092°49'121"E, Alt 64m,

19.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0413, 4ex35.27-52.88mmSL, Brahmaputra River, Ganeshghat, Assam, 26°39'162"N 091°38'872"E, Alt 54m, 19.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0414, 3ex 213.09-236.80mmSL, Dhansari River, Bhairab kusu, Assam, 26°53'590"N 092°60'941"E, Alt 223m, 24.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0415, 28ex23.87-62.01mmSL, Brahmaputra River, Forestghat, Assam, 26°36'978" N 092°41'519" E, Alt 54m, 09.10. 2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0417, 1ex46.25mmSL, Anair River, Gurumara, Assam, 24°46'391"N 092°51'379", Alt 64m, 12.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0418, 1ex65.18mmSL, Katakhal River, Sutarghat, Assam, 24°37'143"N 092°18'247"E, 07.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0420, 1ex50.99mmSL, Balina River, Sutarkandi, Assam, 24°52'497"N, 092°15'240"E, Alt 12m, 07.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0423, 3ex36.91-60.67mmSL, Kachua River, Seemanta, Assam, 24°47'393"N 092°27'253"E, Alt 14m, 10.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0425, 4ex38.52-71.44mmSL, Kachua River, Chandpur, Assam, 24°41'761"N 092°31'687"E, Alt 10m, 10.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0428, 7ex(42.36-456.15mm SL, Longhai River, Shibbari, Assam, 24°28'372"N 092°72'312"E, Alt 14m, 12.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0429, 4ex32.62-40.93mmSL, Kakra River, Kaligang, Assam, 24°47'351"N 092°24'797"E, Alt 12m, 10.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0431, 13ex25.88-48.60mmSL, Balina River, Alampur, Assam, 24°49'295"N, 092°18'365"E, Alt 10m, 07.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0436, 2ex39.46-41.26mmSL, Longhai River, Rahimpur, Assam, 24°42'678"N, 092°36'609"E, Alt 12m, 12.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0439, 5ex42.03-55.66mmSL, Sonbil River, Kathathala, Assam, 24°67'839"N 092°16'180"E, Alt 13m, 09.08.2016, Coll. P. Biswas & B. Hijam, R. Dhanze; COF-CAU-0442, 1ex 62.93mmSL, Longhai River, Hazara, Assam, 24°31'368"N 092°16'118"E Alt 12m, 06.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0444, 3ex47.55-52.88mmSL, Gunty River, Jankisghat, Assam, 24°47'966"N 092°28'094"E, Alt 13m, 11.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0446, 1ex58.67mmSL, Kushiya River, Sadamshil, Assam, 24°31'074"N 092°58'086"E, Alt 13m, 08.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0450, 6ex40.97-43.86mm SL, Devpur, Assam, 24°32'733"N 092°21'205"E, Alt 10m, 09.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0451, 1ex59.20mmSL, Katakhal River, Narayanpur, Assam, 24°41'506"N 092°32'703"E, Alt 8m, 10.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0455, 2ex 38.89-56.79mmSL, Manas River, Ruhumuri, Assam, 26°46'012"N 092°49'974"E, Alt 62m, 23.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0460, 2ex52.39-67.34mmSL, Kachua River, Naigram., Assam, 24°05'544"N 092°25'291"E Alt 15m, 10.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0467, 6ex 31.86-51.36mmSL, Kardohola, Assam, ???, 07.11.2015, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0468, 1ex73.53mmSL, Satemari, Assam, ???, 02.11.2014, Coll. A. Das & S. Kachari, Sub. R. Dhanze;

COF-CAU-0470, 3ex 37.32-38.74mmSL, Madan kamdev, Assam, ???, 15.08.2014, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0471, 5ex42.23-49.95mmSL, Brahmaputra River, Marbill, Assam, ???, 25.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0478, 3ex36.60-45.62mmSL, Kapla beel, N. Putanbari Assam,???, ???, Coll.??, Sub. R. Dhanze; COF-CAU-0481, 1ex, 41.75mmSL, Chotachaudhury, Assam,???, 06.12.2013, Coll.??, Sub. R. Dhanze; COF-CAU-0483, 1ex, 33.23mmSL, Brahmaputra River, Mopam, Assam, 26°42'128"N 092°28'118"E, Alt 61m, 23.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0485, 13ex26.01-51.00mm SL, Brahmaputra River, Mallapathy, Assam, 26°37'041"N 092°46'989"E, Alt 59m, 19.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0487, 2ex48.79-64.69mmSL, Seshe River, Seshe Nepali, Assam, 27°32'384"N 095°11'739"E, Alt 142m, 25.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0495, 7ex53.65mmSL, Moanadi River, Mongaideipunia, Assam, 26°25'176"N 092°59'577" E, Alt 51m, 24.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0498, 5ex 38.16-45.75mm SL, Brahmaputra River, Malapathy, Assam, 26°37'004"N 092°46'989"E, Alt 57m, 19.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0499, 2ex41.32-64.92mmSL, Sadarghat, Assam, 30.10.2015, Coll. P. Mondal & Party, Sub. R. Dhanze; COF-CAU-0501, 1ex32.77mmSL, Sohandistopur, Assam, ???,15.11.2014, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0502, 9ex49.61-60.10mmSL, Brahmaputra River, Kalia bhomre, Assam, 26°37'420"N 092°26'064"E, Alt 56m, 21.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0506, 1ex54.47mmSL, Katakhal River, Gurumara, Assam, 24°48'651"N 092°27'172"E, Alt 14m, 11.08.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0507, 1ex54.34mmSL, Kahinala River, Kanibari, Assam, 26°44'651"N 092°01'675"E, Alt 85m, 24.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0511, 1ex 30.50mmSL, Jiri River, Routa, Assam, 26°32'728"N 092°22'408"E, Alt 7m, 24.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0512, 2ex.34.08mmSL, Brahmaputra River, Alampur, Assam, 24°41'082"N 092°33'685"E, Alt 10m, 11.08.2014, Coll. P. Biswas & Party, Sub. R. Dhanze.

3.3.2.33 *Puntius sophore* (Hamilton 1822): COF-CAU-0457, 1ex58.71mmSL, Kushiya River, Cherakura, Assam 24°67'103"N 092°37'103"E, 08.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0458, 5ex35.17-57.08mmSL, Katakhal River, Gurara, Assam, 24°48'651"N 092°27'172"E, Alt 14m, 11.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0462, 4ex30.48-42.40mmSL, Kachua River, Naigram., Assam, 24°05'544"N 092°25'291"E Alt 15m, 10.08.2016, Coll. P. & B. Hijam, Sub. R. Dhanze; COF-CAU-0463, 16ex45.24-76.03mmSL, Kardohola, Assam, ???, 07.11.2015, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0469, 2ex46.76-63.35mmSL, Mathuraghat, Assam, ???, 31.10.2015, Coll. P..Mondal & Party, Sub. R. Dhanze; COF-CAU-0472, 3ex49.74-50.27mmSL, Brahmaputra River, Marbil, Assam,???, 25.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0475, 13ex 41.61-82.02mmSL, Dhantak, Assam,???, 19.11.2014, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0476, 5ex 39.82-63.05 mmSL, Manas River, Ruhumari, Assam, 26°46'012"N 092°49'974"E, Alt 62m, 23.10.2016, Coll. ??, Sub. R. Dhanze; COF-CAU-0477,

20ex34.33-57.08mmSL, Kapla beel, N. Putanbari, Assam, ???, ???, ???, Sub. R. Dhanze; COF-CAU-0480, 1ex41.06mmSL, Chotachaudhury, Assam, ???, 06.12.2013, Coll.???, Sub. R. Dhanze; COF-CAU-0484, 1ex36.83mmSL, Brahmaputra River, Mopam, Assam, 26°42'128"N 092°28'118"E, Alt 61m, 23.10.2016, Coll. P. Biswas & Party Sub. R. Dhanze; COF-CAU-0488, 1ex55.10mmSL, Seshe River, Seshe Nepali, Assam, 27°32'384"N 095°11'739"E, Alt 142m, 25.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0489, 3ex 59.49-73.82 mmSL, M. Kera, Assam, ???, 16.09.2014, ???, Sub. R. Dhanze; COF-CAU-0491, 6ex33.70-38.76mmSL, Madam Kamdev, Assam, ???, 07.09.2014, ???, Sub. R. Dhanze; COF-CAU-0492, 4ex 59.70-65.80mmSL, Changchang, Assam, ???, 14.04.2014, ??, Sub. R. Dhanze; COF-CAU-0494, 3ex, 43.91-49.26mmSL, Saptal, Assam, 19.11.2014, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0500, 4ex 42.30-42.90mmSL, Chakorda, Assam, ???, 04.11.2014, Coll. A.Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0504, 15ex28.99-46.59mmSL, Balchari River, Keonganda bhomre, Assam, 26°42'420"N 092°32'512"E, Alt 61m, 22.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0505, 3ex58.89-65.34mmSL, Seshe River, Seshe Nepali, Assam, 27°32'384"N 095°11'739"E, Alt 142m, 25.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0509, 2ex60.89-71.08mmSL, Meghnapara, Assam,???,19.09.2014, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0517, 1ex5.6 mmSL, Pantung River, Ziro, Arunachal Pradesh, 27°57'794"N 094°17'642 E, 01.01.2016, Coll. J. Parhi, & Party, Sub. KV. Radhakrishnan.

3.3.2.34 *Puntius terio* (Hamilton 1822): COF-CAU-0408, 3ex28.22-31.52mmSL, Brahmaputra River, Amolapatty, Assam, 27°45'205"N 095°64'419"E, Alt 140m, 22.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0422, 1ex42.46mmSL, Balina River, Sutarkandi, Assam, 24°52'497"N, 092°15'240"E, Alt 12m, 07.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0433, 1ex36.10mmSL, Balina River, Alampur, Assam, 24°49'295"N, 092°18'365"E, Alt 10m, 07.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0466, 9ex27.06-33.10mmSL, Kardohola, Assam, ???, 07.11.2015, Coll. A. Das & S. Kachari, Sub. R. Dhanze; COF-CAU-0473, 3ex29.11-63.73 mmSL, Dhantak, Assam, ???, 19.11.2014, Coll. A. Das & S. Kachari, Sub. R. Dhanze.

3.3.2.35 *Salmostoma bacaila* (Hamilton 1822): COF-CAU-0181, 2ex??SL, Lukha River, Sonapur, Meghalaya, 25°06'093"N 092°21'392"E, 23.08.2016, Coll. C. Wanglar & Party, Sub. AS. Barman.

3.3.2.36 *Schizothorax progastus* (McClelland 1839): COF-CAU-0148, 1ex??SL, Dhansari River, Uria village Nagaland,???, 31.10.2014, Coll. T.Datta, Sub. K.V Radhakrishnan; COF-CAU-0225, 3ex20mmSL, Teesta River, Sikkip village, Sikkim 27°12'188"N 88°19'581"E, 12.12.2014, Coll. T. Acharjee, Sub. KV. Radhakrishnan.

3.3.2.37 *Schizothorax richardsonii* (Gray 1832): COF-CAU-0156, 1ex239.11mmSL, Siang River, Kamalighat, Arunachal Pradesh, 27°11'236"N 92°34'259"E, 09.05.2016., Coll. JR Dhanze & Party, Sub. R. Dhanze; COF-CAU-0157 1ex189.53mmSL, Jamiri River, Jamiri point, Arunachal Pradesh, 27°11'256"N 92°34'256"E, 09.05.2016., Coll. JR Dhanze & Party, Sub. R. Dhanze.

3.3.2.38 *Systemus clavatus* (McClelland 1845): COE-CAU-0279, 1ex74.28mmSL, Lokchao River, Lokchao, Manipur, 24°19'1566"N 94° 25'6711"E, 03.05.2016, Coll. B. Hijam, Sub. R. Dhanze.

3.3.2.39 *Systemus sarana* (Hamilton 1822): COF-CAU-0209, 1ex??SL, Tlawng River, Sehmmui, Mizoram. 23°48'118"N 092°37'423"E, 21.11.2013, Coll. S. Jamatia, Sub. A. S. Barman; COF-CAU-0278, 1ex 95.07mmSL, Khujai River, Manyang, Manipur 23° 94.9924"N 94° 16.0543"E, Alt.147m, 08.09.2016, Coll. B. Hijam, Sub. R. Dhanze; COF-CAU-0426, 1ex102.07mmSL, Katakhal River, Gurumara, Assam, 24°48'651"N 092°27'172"E Alt 14m, 11.08.2016, Coll. P. & B. Hijam, Sub. R. Dhanze; COF-CAU-0445, 3ex82.18-100.23mmSL, Anair River, Gurumara, Assam, 24°46'391"N 092°51'279"E Alt 12m, 12.05.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0453, 1ex 90.01mmSL, Katakhal River, Narayanpur, Assam, 24°41'506"N 092°32'703"E Alt 8m, 10.08.2016, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0459, 1ex82.77mmSL, Kachua River, Naigram., Assam, 24°05'544"N 092°25'291"E Alt 15m, 10.08.2016, Coll. P. & B. Hijam, Sub. R. Dhanze; COF-CAU-0490, 3ex95.30-104.61mmSL, Chotachudhury, Assam, ???, 06.12.2013, Coll???, Sub. R. Dhanze; COF-CAU-0503, 1ex 87.53mmSL, Brahmaputra River, Forestghat, Assam, 26°36'978"N 092°47'519"E Alt 54m, 20.10.2016, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0514, 1ex49.77mmSL, Amalopatty, Brahmaputra River, Assam, 27°44'215"N 095°04'512"E Alt 15.2m, 11.08.2014, Coll. P. Biswas & Party, Sub. R. Dhanze.

3.3.2.40 *Tor progeneius* (McClelland 1839): COF-CAU-0285, 5ex138.78mm SL, Sippi River, Thatching, Arunachal Pradesh, 28°03'682"N 094°09'676"E, 28.04.2016, Coll. JR. Dhanze & Party, Sub. R. Dhanze.

3.3.2.41 *Tor putitora* (Hamilton 1822): COF-CAU-0262, 1ex??SL, Siang River, Jampani, Arunachal Pradesh, 28°07'469"N 095°08'213"E, 18.10.2013, Coll. JR.Dhanze & Party, Sub. KV. Radhakrishnan.

3.3.3 Family- Nemacheilidae

3.3.3.1 *Neonoemacheilus assamensis* (Menon 1987): COF-CAU-0123, 9ex??SL, Gomati River, Giridharipalli, Tripura, ???, 20.05.2013, Coll. A. Das, Sub. P. Bhattacharjee.

3.3.3.2 *Nemacheilus peguensis* (Hora 1929): COF-CAU-0122, 91ex??SL, Dhalai River, BalaR.para, Tripura, 23°57'852"N 91°50'579"E, 18.02.2014, Coll. P. Debnath & A. Husain, Sub. P. Bhattacharjee.

3.3.3.3 *Schistura maculosa* (Lalronunga, Lalnunluanga & LalR.lianna 2013): COF-CAU-0208, 1ex??SL, Tuipui River, Tuipui village Mizoram, 23°27'009"N 93°15'373"E, 17.07.2013, Coll. AS. Barman, Sub. A S. Barman.

3.4 Order-Siluriformes

3.4.1 Family – Bagridae

3.4.1.1 *Mystus bleekeri* (Day 1877): COF-CAU-0238, 3ex??SL, Brahmaputra River, Bhojkhowa chapri, Assam, 26°42'814"N 092°49'121"E, 19.10.2016, Coll. P. Biswas & Party Sub. KV. Radhakrishnan; COF-CAU-0263, 1ex79mmSL, Siang River, Bilat, Arunachal Pradesh,

27°56'519"N 095°21'543"E, 10.12.2013, Coll. J. Parhi & R. Kumar, Sub. KV. Radhakrishnan

3.4.1.2 *Mystus cinaraceus* (Ng & Kottelat 2009): COF-CAU-0137, 1ex??SL, Lokchao River, Upakthabi, Manipur, ???, 06.05.2016, Coll. KS. Singh & B.

3.4.1.3 *Rita rita* (Hamilton 1822): COF-CAU-0128, 1ex??SL, Katakhal River, Sutarghat, Assam, 24°37'142" N 092°18'247" E, 07.08.2016, Coll. P. Biswas & Party, Sub. KV. Radhakrishnan; COF-CAU-0520, 3ex135mmSL, Sunai River, Jahanpur, Assam, 24°51'515"N 092°20'342"E, Alt 15m, 07.08.2016, Coll. P. Biswas & Party, Sub. R. Dhanze.

3.4.1.4 *Sperata aor* (Hamilton 1822): COF-CAU-0035, 6ex??SL, Dhalai River, Manik bhandar, Tripura, ???, 22.09.2014, Coll. A. Husain & P. Debnath, Sub. P. Bhattacharjee; COF-CAU-0092, 2ex??SL, Tuirial River, Tuirial, Mizoram, 23°43'077" N 092°47'583"E, 18.11.2013, Coll. AS. Barman, Sub. R. Dhanze;

3.4.2 Family-Heteropneustidae

3.4.2.1 *Heteropneustes fossilis* (Bloch 1794): COF-CAU-0109, 5ex??SL, Gomati River, Sunderbantar, Tripura, 23°26'054"N 91°45'896"E, 15.09.2014 Coll. P. Debnath & A. Husain, Sub. P. Bhattacharjee; COF-CAU-0212, 3ex??SL, Tlawng River, Sihmmui, Mizoram, 23°48'118"N, 92°37'423"E, 05.09.2013, Coll. AS. Barman, Sub. AS. Barman.

3.4.3 Family – Schilbeidae

3.4.3.1 *Clupisoma prateri* (Hora 1937): COF-CAU-0218, 1ex??SL, Tlawng River, Lengte, Mizoram, 23°48'04"N 92°37'34"E, 10.02.2017, Coll. AS. Barman & Party, Sub. AS. Barman.

3.4.3.2 *Eutropiichthys vacha* (Hamilton 1822): COF-CAU-0037, 7ex??SL, Gomati River, Battali, Tripura, 23°50'554"N 91°16'723"E, 03.03.2014, Coll. A. Husain, Sub. P. Bhattacharjee.

3.4.3.3 *Pachypterus atherinoides* (Bloch 1794): COF-CAU-0180, 1ex??SL, Ballat River, Wilmgaring, Meghalaya, 25°16'38"N 91°34'26"E, 03.07.2016, Coll. JY. Singh & Party, Sub. AS. Barman.

3.4.4 Family- Siluridae

3.4.4.1 *Ompok bimaculatus* (Bloch 1794): COF-CAU-0178, 2ex??SL, Umgthum River, Nongpoh, Meghalaya, 25°54'30"N 091°52'50"E, 25.06.2016, Coll. JY. Singh & Party, Sub. AS. Barman.

3.4.4.2 *Ompok pabda* (Hamilton 1822): COF-CAU-0141, 1ex??SL, Khujai River, Khujai khunou, Manipur, 05.05.2016, Coll. KS. Singh & B. Hijam, Sub. JR. Dhanze

3.4.4.3 *Wallago attu* (Bloch & Schneider 1801): COF-CAU-0127, 1ex??SL, Katakhal River, Duttapur, Assam, 24°51'027"N 092°25'322"E, 06.08.2016, Coll.P.Biswas & Party, Sub. KV. Radhakrishnan.

3.4.5 Family – Sisoridae

3.4.5.1 *Bagarius bagarius* (Hamilton 1822): COF-CAU-0194, 1ex??SL, Tuirial River, Tuirial village, Mizoram,

23°43'077"N092°47'458"E, 11.03.2014, Coll. Zama & S. Jamatia, Sub. AS. Barman.

3.4.5.2 *Exostoma labiatum* (McClelland 1842): COF-CAU-0242, 1ex, 57.94mmSL, Semani River, Semani, Arunachal Pradesh, 28°05'834"N095°83'315" E, 27.03.2016, Coll. JR. Dhanze & Party, Sub. R. Dhanze.

3.4.5.3 *Gagata cenia* (Hamilton 1822): COF-CAU-0149, 1ex??ex??SL, Dhansari River, Uria village, Nagaland,???,31.10.2014, Coll. T. Datta, Sub. KV. Radhakrishnan; COF-CAU-0179, 6ex??SL, Ballat River, Bhagma, Meghalaya, 25°11'42"N091°22'205"E, 02.07.2016, Coll. JY. Singh & Party, Sub. AS. Barman.

3.4.5.4 *Glyptothorax gracili* (Günther 1864): COF-CAU-0230, 1ex16.3mmSL, Rangit River, Kalez khola, Sikkim, 27°16'448"N088°16'696"E, 16.06.2016, Coll. KV. Radhakrishnan & Party.

3.4.5.5 *Glyptothorax telechitta* (Hamilton 1822): COF-CAU-0236, 1ex7.9mmSL, Brahmaputra River, Bhumaraguri, Assam, 26°36'713"N 092°51'054"E, 19.10.2016, Coll. P. Biswas & Party, Sub. KV. Radhakrishnan.

3.4.5.6 *Glyptothorax trilineatus* (Blyth 1860): COF-CAU-0197, 2ex??SL, Tlawng River, Sihhmui, Mizoram, 23°48'118"N092°37'423"E, 16.10.2013, Coll. Zama & George, Sub. AS. Barman.

3.4.5.7 *Pseudecheneis sulcata* (McClelland 1842): COF-CAU-0198, 1ex??SL, Tuivawl River, Saitul, Mizoram, 23°42'020"N 092°57'562"E, 20.12.2013, Coll. Zama & Samar, Sub. AS. Barman; COF-CAU-0223, 10ex 15.6 mm SL, Rangit River, Rangbang, Sikkim, ???, 13.03.2014, Coll. T. Acharjee, Sub. KV. Radhakrishnan.

3.4.5.8 *Pseudolaguvia shawi* (Hora 1921): COF-CAU-0228, 2ex??SL, Rangit River, Jorethang, Sikkim, 27°07'671"N88°17'081"E, 18.06.2016, Coll. KV. Radhakrishnan & Party, Sub. KV. Radhakrishnan.

3.5 Order – Salmoniformes

3.5.1 Family – Salmonidae

3.5.1.1 *Salmo trutta fario* (Linnaeus 1758): COF-CAU-0224, 3ex??SL, Teesta River, Chungthang, Sikkim, 27°36'334"N88°39'007"E, Coll. T. Acharjee, Sub. KV. Radhakrishnan.

3.6 Order – Beloniformes

3.6.1 Family – Belontiidae

3.6.1.1 *Xenentodon cancila* (Hamilton, 1822): COF-CAU-0301, 1ex, 211.72mmSL, Doyang River, Ekhyoyam, Nagaland, 26°18.429"N094°21.843" EAlt.398m, 07.12.16, Coll. H. Saha & Party, Sub. JR. Dhanze; COF-CAU-0302, 1ex, 91.24mmSL, Jinjiram River, Rajasala, Meghalaya, ???, 17.09.13, Coll. Bidya Devi, Sub. JR. Dhanze; COF-CAU-0303, 3ex, 141.46–152.15mmSL, Dap River, Mamit, Mizoram, ???, 12.02.14, Sub. JR. Dhanze; COF-CAU-0304, 2ex, 170.65–188.11mmSL, Siang River, Jampani, Arunachal Pradesh, ???, 13.10.13, Coll. R. Kumar, Sub. JR. Dhanze; COF-CAU-0305, 2ex, 171.88–184.95mmSL, Doyang River, Bthyoyam village, Nagaland, 26°18.429"N094°21.843"E Alt.393m, 01.12.16, Coll. H. Saha & Party, Sub. JR. Dhanze;

COF-CAU-0306, 1ex, 219.63mmSL, Umngot River, Siyang, Meghalaya, 13°00.148"N 095°01.342"E, 23.06.16, Coll. J. Singh & Party, Sub. JR. Dhanze; COF-CAU-0307, 1ex 209.04mmSL, Abang River, Thakurcherra, Tripura, 23°11.399"N091°36.590"E, Alt.16m, 30.03.17, Coll. A. Debbarma & Party, Sub. JR. Dhanze; COF-CAU-0308, 1ex, 177.26mmSL, Kameng River, Lowerbhalukpeng, Arunachal Pradesh, N27001.084"E092038.217" Alt.288m, 16.05.16, Coll. JR. Dhanze & Party, Sub. JR. Dhanze; COF-CAU-0309, 5ex, 160.65–211.99mmSL, Brahmaputra River, Barkusiha, Assam, ???, 06.11.14, Coll. S. Kachari & Party, Sub. JR. Dhanze; COF-CAU-0310, 1ex, 133.32mmSL, Gomati River, Rudrasagar, Tripura, ???, 21.09.13, Coll. P. Debnath & Party, Sub. JR. Dhanze; COF-CAU-0311, 3ex 123.39–135.59mmSL, Tuipawl River, Darilang, Mizoram, 10.02.14, Sub. JR. Dhanze; COF-CAU-0312, 1ex, 139.01mmSL, Howra River, Khayerpur, Tripura, 23°50.819"N091°20.686"E, 30.01.14, Coll. P. Debnath, Sub. JR. Dhanze; COF-CAU-0313, 2ex 116.65–125.89 mmSL, Brahmaputra River. Forest Ghat, Assam, 26°36.978"N092°47.519"E Alt. 54m, 20.10.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0314, 1ex, 88.22mmSL, Katakhal River, Gurumara, Assam, 24° 48.651" N092° 27.172"E Alt. 14m, 11.08.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0315, 2ex, 92.28–137.61mmSL, Dhaleswari River, Chandpur, Assam, 24°41.761" N092°31.687"E Alt. 10m, 11.08.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0316, 1ex, 201.21mmSL, Gomati River, Mandirghat, Tripura, 23°25.531"N091°49.635"E Alt. 64m, 08.03.14, Coll. P. Debnath & Party, Sub. JR. Dhanze; COF-CAU-0317, 1ex, 135.45mmSL, Umkham River, Khomphow, Meghalaya, 25°43.471"N091°50.820"E, 26.06.16, Coll. J. Singh & Party, Sub. JR. Dhanze; COF-CAU-0318, 1ex, 91.75mmSL, Anais River, Gwamara, Assam, 24°46.391"N092°51.379"E Alt. 12m, 12.08.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0319, 1ex, 197.19mmSL, Tuirini River, Suitual, Mizoram, ???, 17.12.13, Coll. Samar & Party, Sub. JR. Dhanze; COF-CAU-0320, 1ex, 146.64mmSL, Juri River, Chantila, Tripura, 24°17.033" N092°09.381"E Alt. 12m, 12.01.17, Coll. B. Hijam & Party, Sub. JR. Dhanze; COF-CAU-0321, 1ex, 142.58mmSL, Umpheilum River, Pomluigma, Meghalaya, 25°44.477"N091°48.556"E Alt. 681m, 29.06.16, Coll. J. Singh & Party, Sub. JR. Dhanze; COF-CAU-0322, 2ex, 90.49–93.88mmSL, Longhai River, Rahimpur, Assam, 24°42.678"N092°36.609"E Alt. 12m, 12.08.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0323, 2ex, 121.46–128.64mmSL, Tilardia, Assam, ???, 02.11.14, Sub. JR. Dhanze; COF-CAU-0324, 1ex, 128.64mmSL, Chakpi River, Japhou, Manipur, 24°45.122" N094°02.795" EAlt. 792m, 21.01.14, Coll. KS. Singh & Party, Sub. JR. Dhanze; COF-CAU-0325, 1ex, 160.56mmSL, Laitryngew River, Wahuaba, Meghalaya, 25°43.480"N091°40.936"E Alt. 612m, 28.06.16, Coll. JS. & Party, Sub. JR. Dhanze; COF-CAU-0326, 1ex, 157.74mmSL, Feni River, Sampara, Tripura, 22°59.017" N091°39.058"E Alt. 18m, 28.03.17, Coll. A. Debbarma & Party, Sub. JR. Dhanze; COF-CAU-0327, 1ex, 78.02mmSL, Daren River, Sangsangri, Meghalaya, ???, 03.08.13, Coll. Bidya Th. Devi, Sub. JR. Dhanze; COF-CAU-0328, 2ex, 123.38–154.13mmSL, Teesta River, Bakshiganj, Sikkim, 12.04.14, Coll. T. Acharjee & Party, Sub. JR. Dhanze; COF-CAU-0329, 3ex, 165.61–187.83mmSL, Teesta River, Teestabarrage, Sikkim,

???,09.03.14, Coll. T. Acharjee & Party, Sub.JR.Dhanze;COF-CAU-0330,2ex,128.17–135.08mmSL, Teesta River, 3A, West Bengal,???,08.03.14, Coll. T. Acharjee & Party, Sub. JR. Dhanze; COF-CAU-0331, 3ex 123.65–136.11mmSL, Teesta River, Gazaldoba, Sikkim,???,15.01.13, Coll. R. Kumar & Party, Sub. JR. Dhanze; COF-CAU-0332, 1ex174.89mmSL, Teesta River, Odlabari, Sikkim, 26°51.935'N088°37.408'E Alt169m, 09.03.16, Coll.T. Acharjee & Party, Sub. JR. Dhanze;COF-CAU-0333,1ex,104.60mmSL,Teesta River, BOP Barun, Sikkim, 27°18.096'N088°53.272'E Alt.208m, 07.03.17, Coll. S.K. Yadav, Sub. JR. Dhanze; COF-CAU-0334,1ex135.96mmSL, Teesta River, Mamashaghat, Sikkim, 23.04.15, Coll. T. Acharjee & Party, Sub. JR. Dhanze; COF-CAU-0335, 1ex, 143.53mmSL, Teesta River, Jublipak, Sikkim,? ??, 07.03.17, Coll. SK. Yadav, Sub. JR. Dhanze; COF-CAU-0336, 2ex98.04–100.85mmSL, Teesta River, Kodabari, Sikkim,???,26.10.13, Coll. Ases Rai & Suman, Sub. JR. Dhanze; COF-CAU-0337, 3ex156.58–221.91mm SL, Teesta River, Gazaldoba, Sikkim,???,15.07.13, Coll. R. Kumar, Sub.JR.Dhanze;COF-CAU-0338, 3ex120.51–131.57mmSL, Teesta River, C.C. para, Sikkim, 26°38.104'N 088°84.841'E Alt.252m, 05.12.14, Coll. T. Acharjee, Sub. JR. Dhanze; COF-CAU-0339, 2ex130.43–134.31mmSL, Teesta River, C.C.Para, Sikkim, 26°38.104'N 088°84.841'E Alt.252m, 05.12.14, Coll. T. Acharjee, Sub. JR. Dhanze; COF-CAU-0340, 2ex170.69–209.31mmSL, Teesta River, Rangamati, Sikkim,???, 13.04.14, Sub. JR. Dhanze; COF-CAU-0341, 1ex133.81mmSL, Teesta River, Jublipak, Sikkim, 26°31.184'N 088°44.307'E Alt.259m, 27.12.15, Coll. T. Acharjee & Party, Sub. JR. Dhanze; COF-CAU-0342, 1ex119.91mmSL, Teesta River, Odlabari, Sikkim, 26°51.935'N 088°37.408'E Alt.169m, 31.12.15, Coll. T. Acharjee & Party, Sub. JR. Dhanze; COF-CAU-0343, 2ex269.37–270.43mmSL, Siang River, Upper siang, Arunachal Pradesh, 28°04.840'N 095°24.341'E 19.03.16, Coll. J. R. Dhanze & Party, Sub. JR. Dhanze; COF-CAU-0344, 2ex170.13–202.32mmSL, Brahmaputra River, Amolapathy, Assam, 27°45.205'N 095°04.419'E Alt.140m, 22.04.17, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0345, 1ex173.85mmSL, Loharkheta, Assam, ???, 02.11.14, Coll. A. Das & Party, Sub. JR. Dhanze;COF-CAU-0346, 1ex93.43mmSL, Tuicheng River, Kolasib, Mizoram,???,25.03.14, Coll. Samar & Party, Sub. JR. Dhanze.

3.7 Order-Synbranchiformes

3.7.1 Family – Mastacembelidae

3.7.1.1 *Macrogathus aculeatus* (Bloch, 1786): COF-CAU-0611, 1ex126.25mmSL, Gomati River, Rajghat, Tripura, 23°29.696'N91°19.160'E, 23.09.13, Coll. P. & Party, Sub. R. Dhanze; COF-CAU-0612, 1ex71.11mmSL, Gomati River, Maharani, Tripura,???, 22.03.14, Coll. Panchali & Party, Sub. JR. Dhanze; COF-CAU-0613, 4ex62.22–74.22mmSL, Kachigong River, Chandanmura, Tripura,???, 22.03.15, Coll. A. & Party, Sub. R. Dhanze; COF-CAU-0614, 1ex91.72mm SL, Brahmaputra River, Amolapathy, Assam, 27°44.215'N 095°04.512'E Alt. 152m, 22.04.17, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0615, 1ex76.09mmSL, Brahmaputra River, Sollang, Assam, 26°34.217'N092°52.218'E Alt. 58m, 21.10.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0616, 1ex100.94mmSL, Katakhal River, Gurumara, Assam, 24°48.615'N092°27.172'E Alt. 14m, 11.08.16, Coll. P.

Biswas & Party, Sub. JR. Dhanze; COF-CAU-0617, 2ex91.25–93.82mmSL, Longhai River, Shibbari, Assam, 24°28.372'N092°72.312'E Alt. 13m, 12.08.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0618, 1ex69.4mmSL, Rangapani beel, Rangapani, Assam, 26°41.188'N 092°48.978'E Alt. 39m, 22.10.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0619, 1ex104.81mmSL, Umkham River, Komphow, Meghalaya, 25°43.471' N 091°50.820'E Alt. 705m, 26.06.16, Coll. J.Singh & Party, Sub. R. Dhanze; COF-CAU-0620, 1ex85.55mmSL, Wahkaba River, Laitryngow, Meghalaya, 25°43.480' N 091°40.936'E Alt. 612m, 28.06.16, Coll. J.Singh & Party, Sub. JR. Dhanze; COF-CAU-0621, 1ex109.80mmSL, Mansiri River, Rangajan, Assam, 26°47.084'N 092°50.058'E Alt. 68m, 23.10.16, Coll. P. Biswas & Party, Sub. JR. Dhanze.

3.7.1.2 *Macrogathus aral* (Bloch & Schneider 1801):

COF-CAU-0671, 1ex190.32mmSL, Umngot River, Dawki upper, Meghalaya, 25°11.425'N 092°01.104'E, 24.06.16, Coll. J. Singh & Party, Sub. JR. Dhanze; COF-CAU-0672, 2ex 143.18–156.9mmSL, Lailonggew River, Wahkaba, Meghalaya, 25°43.480'N 091°40.930'E, 25.06.16, Coll. J.Singh & Party, Sub. JR. Dhanze; COF-CAU-0673, 5ex97.76–123.69mmSL, Umngot River, Dawki, Meghalaya, 25°12.494'N 092°00.408'E Alt.24m, 27.08.17, Coll. J. Singh & Party, Sub. JR. Dhanze; COF-CAU-0674, 1ex132.33mmSL, Teesta River, Gjaloba, Sikkim, 26°46.930'N 088°46.230'E Alt. 356m, 05.06.14, Coll. Tanmay & Party, Sub. R. Dhanze; COF-CAU-0675, 1ex168.72mmSL, Teesta River, Barman para, Sikkim, 26°34.533'N 088°45.859'E Alt. 377m, 16.09.15, Coll. T. & Party, Sub. R. Dhanze; COF-CAU-0676, 3ex130.61–169.08mmSL, Teesta River, Barman para, Sikkim, 26°46.930'N 088°46.230'E Alt. 356m, 05.06.14, Coll. T. & Party, Sub. R. Dhanze; COF-CAU-0677, 2ex108.92–122.37mmSL, Anair River, Gurumara, Assam, 24°46.391'N 092°51.379'E Alt 12m, 12.08.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0678, 1ex120.34mmSL, Longai River, Rahimpur, Assam, 24°42.678'N 092°36.609'E Alt. 12m, 12.08.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0679, 1ex122.79mmSL, Longai River, Longhaighat, Assam, 24°51.358'N091°20.701'E Alt. 10m, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0680, 1ex102.54mmSL, Baline River, Alampur, Assam, 24°49.295'N 092°18.365'E Alt. 10m, 07.08.14, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0681, 1ex116.94mmSL, Dhaleswari River, Chandpur, Assam, 24°49.295'N092°18.365'E Alt.10m, 11.08.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0682, 1ex94.44mmSL, Katakhal River, Narayanpur, Assam, 24°41.506'N 092°32.703'E Alt. 8m, 10.08.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0683, 2ex118.23–125.28mmSL, Longhai River, Shibbari, Assam, 24°28.392'N092°72.312'E Alt. 13m, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0684, 1ex154.31mmSL, Longhai River, Jaminpur, Assam, 24°51.325'N 092°20.591'E Alt. 13m, 07.08.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0685, 2ex118.14–126.41mmSL, Kashiya River, Devpur, Assam, 24°52.732'N 092°21.205'E Alt. 10m, 09.08.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0686, 1ex160.37mmSL, Lupharu, Assam,???, 19.09.14, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0687, 1ex148.94mmSL, Longhai River, Jhanpur, Assam,

24°51.515'N 092°20.942'E Alt. 15m, 07.08.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0688, 1ex117.12mmSL, Gomati River, Dumbur, Tripura, ???, 21.03.14, Coll. P. Debnath, Sub. R. Dhanze; COF-CAU-0689, 1ex106.12mmSL, Gomati River, Gudraghat, Tripura, ???, 28.06.14, Coll. P. Debnath, Sub. R. Dhanze; COF-CAU-0690, 1ex165.97mmSL, Gomati River, Indranagar, Tripura,???, 13.05.14, Coll. A. Hosain, Sub. R. Dhanze; COF-CAU-0691, 1ex164.12mmSL, Haara River, Pratapgarh, Tripura, 23°49.237'N 091°17.264'E, 31.01.14, Coll. P. Debnath, Sub. R. Dhanze; COF-CAU-0692, 2ex127.19–138.02mmSL, Umngot River, Dawki, Meghalaya, 25°12.494'N 092°00.408'E Alt. 24m, 27.08.17, Coll. J.Singh & Party, Sub. R. Dhanze.

3.7.1.3 *Macrogathus pancalus* (Hamilton 1822): COF-CAU-0623, 3ex 72.82–98.57mmSL, Teesta River, Gjaldboda, Sikkim, 26°46.930'N 088°46.230'E Alt. 356m, 05.06.14, Coll. Tonmoy & Party, Sub. JR. Dhanze; COF-CAU-0624, 1ex134.09mmSL, Teesta River, Sardar para, Sikkim, 26°40.427'N 088°41.197'E, 12.08.14, Coll. Tonmoy & Party, Sub. R. Dhanze; COF-CAU-0625, 2ex119.61–124.17mmSL, Teesta River, Jublipark, Sikkim,???, 12.04.14, Coll. Tanmay & Party, Sub. JR. Dhanze; COF-CAU-0626, 2ex122.11–130.14mmSL, Teesta River, Jublipark, Sikkim,???, 12.04.14, Coll. Tonmoy & Party, Sub. JR. Dhanze; COF-CAU-0627, 1ex135.67mmSL, Gomati River, Mandirghat, Tripura, ???, 07.06.13, Coll. Mitra Debnath, Sub. JR. Dhanze; COF-CAU-0628, 1ex64.01mmSL, Teesta River, Budineri, Sikkim, 26°20.777'N 088°50.710'E Alt. 186m, 04.06.14, Coll. Tonmoy & Party, Sub. R. Dhanze; COF-CAU-0629, 1ex,106.81mmSL, Teesta River, Gajaldoba, Sikkim, 26°28.448'N 088°44.620'E Alt. 31m, 07.03.16, Coll. Tonmoy & Party, Sub. R. Dhanze; COF-CAU-0630, 2ex122.79–127.87mmSL, Teesta River, Manahaghat, Sikkim, 36°19.752'N 088°52.000'E Alt. 63m, 15.09.15, Coll. Tonmoy & Party, Sub. JR. Dhanze; COF-CAU-0631, 3ex93.48–117.8mmSL, Gomati River, Bhubaneswari, Tripura, 23°32.302'N 091°30.384'E Alt. 23m, 22.03.14, Coll. Panchali. & Party, Sub. R. Dhanze; COF-CAU-0632, 1ex, 110.03mmSL, Gomati River, Dumbur, Tripura,???, 20.03.14, Coll. Panchali & Party, Sub. R.Dhanze; COF-CAU-0633, 7ex65.65–137.69mmSL, Gomati River, Mandir ghat, Tripura, 23°25.531'N 091°49.635'E, 08.03.14, Coll. Panchali. & Party, Sub. JR. Dhanze; COF-CAU-0634, 1ex144.04mmSL, Gomati River, Dumbur, Tripura, 23°28.312'N 091°51.068'E, 21.03.14, Coll. Panchali. & Party, Sub. JR. Dhanze; COF-CAU-0635, 2ex86.21–98.41mmSL, Indira nagar, Gomati River, Tripura,???, 23.03.15, Coll. Akhtar & Party, Sub. R. Dhanze; COF-CAU-0636, 1ex 80.09mmSL, Gomati River, Kakraban, Tripura, ???, 21.03.15, Coll. Akhtar & Party, Sub. R. Dhanze; COF-CAU-0637, 10ex85.19–118.16mmSL, Rudrasagar Lake, Kemtali, Tripura, ???, 22.03.15, Coll. Akhtar. & Party, Sub. R. Dhanze; COF-CAU-0638, 1ex72.73mmSL, Feni River, Loccha para, Tripura, ???, 19.05.13, Coll. A. Das, Sub. JR. Dhanze; COF-CAU-0639, 1ex106.02mmSL, Feni River, Sabroom, Tripura, N23°00.911' E 091°43.901' Alt. 17m, 28.03.17, Coll. Akhtar. & Party, Sub. R. Dhanze; COF-CAU-0640, 1ex, 114.76mmSL, Nwang River, Santi bazar, Tripura, 23°18.237' N 091°33.793'E Alt. 12m, 30.03.17, Coll. Amit & Party, Sub. R. Dhanze; COF-CAU-0641, 2ex92.83–105.37mmSL, Manu River, Kakulia, Tripura, 23°14.112' N 091°36.701'E Alt. 017m, 30.03.17, Coll. Akhtar & Party, Sub. R. Dhanze; COF-CAU-0642,

1ex120.95mmSL, Gomati River, Rajghat, Tripura, 23°29.696'N 091°19.160'E, 23.09.13, Coll. Panchali & Party, Sub. R. Dhanze; COF-CAU-0643, 2ex103.47–112.17mm SL, Khowai River, R.chandra ghat, Tripura, 24°00.744'N 091°37.044'E, 28.12.13, Panchali & Party, Sub. JR. Dhanze; COF-CAU-0644, 6ex76.47–121.13mmSL, Gomati River, Maharani., Tripura, ???, 22.03.14, Panchali & Party, Sub. JR. Dhanze; COF-CAU-0645, 6ex74.02–99.21mmSL, Kachigong River, Chandanmura, Tripura,???, 22.03.15, Coll. Akhtar & Party, Sub. R. Dhanze; COF-CAU-0646, 1ex84.71mmSL, Bailna River, Saterkandi, Assam, 24°52.997'N 092°15.240'E Alt. 12m, 07.08.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0647, 2ex78.72–103.75mmSL, AnairRiver, Gurumara, Assam, 24°46.371'N 092°51.379'E Alt.12m, 12.08.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0648, 2ex 61.91–84.67mmSL, Gunti River, Jankir ghat, Assam, 24°47.960'N 092°28.911'E Alt.13m, 11.08.16, Coll. P. Biswas & Party, Sub. JR.Dhanze;COF-CAU-0649, ex75.75mmSL, Kakra River, Kaligang, Assam, 24°47.351'N 092°24.797'E Alt.12m, 10.08.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0650, 1ex75.71mmSL, Jiaborati River, Assam, 26°48.801'N 092°52.423'E Alt.61m, 23.10.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0651, 1ex93.48mmSL, katakhal River, Damapur, Assam, 24°51.027' 092°35.322'E Alt.14m, 06.08.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0652, 1ex97.03mmSL, Dhaleswari River, Chandpur, Assam, 24°41.761'N 092°31.687'E Alt.10m, 11.08.16, Coll. P. Biswas & Party, Sub. R. Dhanze;COF-CAU-0653, 2ex69.35–75.78mmSL, Brahmaputra River, Bhojkhawachaper, Assam, 20°42.814' N 092°49.121'E Alt.64m, 19.10.16, Coll.P.Biswas&Party, Sub.R .Dhanze;COF-CAU-0654, 1ex125.08 mm SL, Sessa River, Golin pokori, Assam, 27°27.218'N 094°72.399'E Alt.147m, 25.04.17, Coll. P. Biswas& Party, Sub. R. Dhanze; COF-CAU-0655, 1ex110.15mmSL, Muslum, Assam, ???, 19.05.14, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0656, 1ex108.74mmSL, Lupharu, Assam,???,19.09.14,Coll.P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0657, 1ex63.51mmSL, Brahmaputra River, Sollang, Assam, 26°34.217'N 092°52.218'E Alt.58m, 21.10.16, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0658, 1ex90.72mmSL, Katakhal River, Gurumara, Assam, 24°48.615'N 092°27.172'E Alt.14m, 11.08.16, Coll. P. Biswas & Party, Sub. JR. Dhanze; COF-CAU-0659, 2ex101.14–124.66mmSL, Umngot River, Dawki, Meghalaya, 25°11.425'N 092°01.104'E, 24.08.16, Coll. J.Singh & Party, Sub. R. Dhanze; COF-CAU-0660, 1ex103.01mmSL, Umphelm River, Pomisingma, Meghalaya, 23°44.477'N 091°48.556'E Alt. 681 m, 29.06.16, Coll. J.Singh & Party, Sub. JR. Dhanze; COF-CAU-0661, 1ex106.69mmSL, Rongkhat River, Sangsangui, Meghalaya, ???, 09.09.13, Coll. J. Singh & Party, Sub. R. Dhanze; COF-CAU-0662, 1ex137.77mm SL, Jinjiram. River, Rajabala, Meghalaya, ???, 17.09.13, Coll. J. Singh & Party, Sub. R. Dhanze; COF-CAU-0663, 1ex101.6mmSL, Dhansari River, Uria village, Nagaland,???, 10.06.14, Coll. J.Singh & Party, Sub. JR. Dhanze; COF-CAU-0665, 1ex96.52mmSL, Wakhaba River, Laitryngow, Meghalaya, 25°43.480'N 091°40.936'E Alt.612m, 28.06.16, Coll. J Singh & Party, Sub. JR. Dhanze; COF-CAU-0666, 1ex125.37mmSL, Balut River, Bhagma, Meghalaya, 25°14.212' N 091°22.205'E, 02.07.16, Coll. J.Singh & Party, Sub. JR. Dhanze;COF-CAU-0667, 4ex-86.37–131.06mmSL, Umngot River, Dawki, Meghalaya, 25°12.494'N 092°00. 408'E Alt.24m, 27.08.17, J.Singh &

Party, Sub.R.Dhanze;COF-CAU-0693, 1ex100.79mmSL, Rangapani beel, Rangapani, Assam,26°41.188" N 092°48.978"E Alt.39m, 22.10.16, Coll. P Biswas & Party, Sub. JR. Dhanze.

3.7.1.4 *Mastacembelus armatus* (Lacepede 1800): COF-CAU-0352, 1ex192.85 mmSL, Siang river, Ladung-siley, Arunachal Pradesh, 27°57'810"N 095°07'887"E, Alt 315m, 18.03.2016, Coll. JR.Dhanze & Party, Sub. JR.Dhanze; COF-CAU-0353, 1ex185.81mmSL, Siang River, Arunachal Pradesh, 27° 57.810"N 005° 07.887"E, Alt.315m, 18.03.2016, Coll. JR. Dhanze & Party, Sub. JR.Dhanze; COF-CAU-0354, 3ex109.24-311.84mmSL, Tlawng River, Tlawng, Mizoram., ???, 21.11.2013, Coll. Samar and Zama, Sub. JR.Dhanze; COF-CAU-0355, 1ex160.42mmSL, Tlawng river, Tlawng, Mizoram. ???, 21.11.2013, Coll. Samar and Zama, Sub. R. Dhanze; COF-CAU-0356, 1ex 208.9mmSL, Doyang River, Doyang, Nagaland, 26 ° 14.230"N 094° 15.912"E, Alt. 337m, 21.11.2013, Coll. H. Saha &Party, Sub. JR.Dhanze; COF-CAU-0528, 1ex100.55 mmSL, Katakai River, Gurumara, Assam, 24°48'651"N 092°27'172"E Alt 14m, 11.08.2016, Coll. P. Biswas, B. Hijam, Sub. R. Dhanze; COF-CAU-0529, 1ex76.57mmSL, Longhai river, Havara, Assam, 24°31'365"N 092°16'118"E Alt 12m, 06.08.2016, Coll. P. Biswas, B. Hijam, Sub. R. Dhanze; COF-CAU-0530, 2ex90.55-120.33 mmSL, Anair river, Gurumara, Assam, 24°46'391"N 092°51'379"E, Alt 12m, 12.08.2016, Coll. P. Biswas, B. Hijam, Sub. R. Dhanze; COF-CAU-0531, 1ex 406.84mmSL, Barak river, Chandinagar, Assam, 24°48'651"N 092°27'172"E Alt 14m, 28.10.2015, Coll. P.Mondal, & Party, Sub. R.Dhanze; COF-CAU-0532, 1ex325.41mmSL, Taphaleri River, Tacholeru, Nagaland, 25°30'287"N 094°25'571"E Alt 927m, 06.04.2017, Coll. H. Saha & Party, Sub. R. Dhanze; COF-CAU-0533, 1ex145.67mmSL, Digholi river, Dighloi beel, Assam, 26°97'768"N 092°36'628"E Alt 64m, Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0534, 1ex145.67mmSL, Brahmaputra river, Mizannorphline, Assam, 27°51'095"N 094°96'905"E Alt. 41m, 23.04.2017, Coll. P. Biswas & Party, Sub. R. Dhanze; COF-CAU-0535, 1ex 254.34mmSL, Brahmaputra River, Ajanguri, Assam, 27°11'037"N 094°56'013"E Alt 46m, 23.04.2017, Coll. P. Biswas & Party, Sub. R.Dhanze; COF-CAU-0536, 1ex123.51mmSL, Sunai river, Ranigram., Assam, 24°16'246"N 092°31'018"E Alt. 13m, 08.08.2016. Coll. P. Biswas & B. Hijam, Sub. R. Dhanze; COF-CAU-0537,1ex192.94mmSL, Vanva river, Noigaon, Assam, 24°18'936"N 092°26'057"E Alt 12m, 08.08.2016. Coll. P. Biswas, B. Hijam, Sub. R. Dhanze; COF-CAU-0538, 1ex404.34mm SL, Tlawng River, Vanva, Mizoram, 24°48'651"N 092°27'172"E Alt. 14m, 06.04.2013, Coll. AA Singh, Sub. R. Dhanze; COF-CAU-0539, 2ex125.4-144.8mmSL, Tlawng river, Sihhmui, Mizoram,???, 22.03.2013, Coll. AA. Singh, Sub. R. Dhanze; COF-CAU-0540, 1ex260.3mm SL, Tlawng river, Paryhalkawn, Mizoram, ???, 23.04.2013, Coll. AA. Singh, Sub. R. Dhanze; COF-CAU-0541, 6 ex82.81-134.54mmSL, Mat river, Sercchip, Mizoram, ???, 18.02.2014, Coll. AA. Singh, Sub. R. Dhanze; COF-CAU-0542, 5ex 126.2-166.8mmSL, Sairang River, Sairang, Mizoram,???, 20.08.2014, Coll. Zama & Samar, Sub. R. Dhanze; COF-CAU-0543, 1ex241. 738mmSL, Tuirial river, Tuirial, Mizoram, ???,11.03.2014, Coll. Zama & Samar, Sub. R. Dhanze; COF-CAU-0544, 2ex294.5-423.84mmSL, Serlui river, Thingdaust, Mizoram, 24.04.2013, Coll. Zama & Samar, Sub. R. Dhanze; COF-CAU-0545, 3ex179.16-

235.69mm SL, Tuirial river, Saitual, Mizoram, ???, 17.12.2013, Coll. Zama & Samar, Sub. R. Dhanze; COF-CAU-0546, 1ex 278.35mmSL, Tuirial river, Champhai, Mizoram,???, 25.09.2015, Coll. Zama & Samar, Sub. R. Dhanze; COF-CAU-0547, 1ex246.3mmSL, Koladyne river, Chhimituipui, Mizoram,???, 28.05.2015, Coll. AA. Singh, Sub. R. Dhanze; COF-CAU-0548, 2ex142.41-169.08mmSL, Sihdarh river, Saitual, Mizoram,???, 21.12.2013, Coll. Zama & Samar, Sub. R. Dhanze; COF-CAU-0549, 4ex120.4-340.45mmSL, Gomati river, Tirthamukh, Tripura,???, Coll. P. Debnath & Party, Sub. R. Dhanze; COF-CAU-0550,1ex 295.63mmSL, Gomati river, Mandirghat, Tripura, 23°35'531"N 091°49'635"E Alt 67m, 08.09.2014, Coll. P. Debnath & Party, Sub. R. Dhanze; COF-CAU-0551, 1ex251.27mmSL, Rajghat, Gomati river, Tripura, 23°29'696"N 091°19'160"E, ???, Coll. P. Debnath & Party, Sub. R. Dhanze; COF-CAU-0552, 2ex206.67-366.22mmSL, Gomati river, Chabimura, Tripura, ???, 14.05.2013, Coll. A. Das & Party, Sub. R. Dhanze; COF-CAU-0553, 3ex157.73-429.40mmSL, Umngot River, Dawki, Meghalaya, 25°12'494"N 092°00'408"E Alt 24m, 27.09.2017, Coll. J. Singh & A. Debbarma, Sub. R. Dhanze; COF-CAU-0555, 1ex198.17mmSL, Ganol River, Mukdangrs, Nagaland, ???, 27.06.2014, Coll. H. Saha, Sub. R. Dhanze; COF-CAU-0557, 3ex64.95-98.37mmSL, Dhansari River, Dhansaripara, Nagaland, ???, 06.06.2014, P. Datta, Sub. R. Dhanze; COF-CAU-0558, 1ex206.19mmSL, Iril River, Ngaw, Manipur, ???,22.04.2013, Coll. Laxmi P. Chanu, Sub. R. Dhanze; COF-CAU-0559, 1ex216.19mmSL, Imphal River, Mayang Imphal, Manipur,???, 2.04.2013, Coll. Laxmi Chanu, Sub. R. Dhanze.

3.7.1.5 *Mastacembelus oatesii* (Boulenger 1893): COF-CAU-0554, 2ex157.73-160.66mmSL, Umngot River, Dawki, Meghalaya, 25°12'494"N 092°00'408"E Alt 24m, 27.09.2017, Coll. J.Singh & A. Debbarma, Sub. R. Dhanze; COF-CAU-0556, 1ex325.41mmSL,Tuphaluri River, Tacholeru, Nagaland, 25°30'287"N 094°25'571"E, Alt 927m, 06.04.2017, Coll. H. Saha &Party, Sub. R. Dhanze.

3.7.2 Family –Synbranchidae

3.7.2.1 *Monopterusuchia* (Hamilton 1822): COF-CAU-0166, ??ex, ??SL, Lokchao River, Moyon khullen, Manipur, 27°07'746"N 88°16'281"E, 27.09.2015, Coll. B. Hijam, Sub. KV. Radhakrishnan.

3.8 Order – Perciformes

3.8.1 Family –Ambassidae

3.8.1.1 *Chanda nama* (Hamilton1822): COF-CAU-0510, 5ex36.62-43.52mmSL, Brahmaputra River, Amalopatty, Assam, 27°44'215"N095°04'512"EAlt15.2m,24.04.2017, Coll. P Biswas, Sub. R. Dhanze.

3.8.1.2 *Parambassis ranga* (Hamilton 1822): COF-CAU-0210, 1ex??SL, Tlawng River, Sihhmui, Mizoram, 23°48'118"N 92°37'423"E, 05.09.2013, Coll. AS. Barman, Sub. AS. Barman.

3.8.2 Family –Anabantidae

3.8.2.1 *Anabas testudineus* (Bloch 1792): COF-CAU-0126, 1ex??SL, Longhai River, Jaminpur, Assam, 24°51'325"N 92°20'591"E, 7.08.2016, Coll. P. Biswas & Party, Sub. P. Bhattacharjee.

3.8.3 Family – Badidae

3.8.3.1 *Badis badis* (Hamilton 1822): COF-CAU-0100, 1ex??SL, Tlawng River, Sihhmui, Mizoram., 23°48'118"N 92°37'423"E, 30.08.2013, Coll. AS. Barman, Sub. R. Dhanze; COF-CAU-0118, 6ex??SL, Gomati River, Chandanmura, Tripura, 23°39'367"N 91°19'107"E, 09.09.2013, Coll. P. Debnath & S. Kachari, Sub. P. Bhattacharjee.

3.8.3.2 *Badis tuivaiei* (Vishwanath & Shanta 2004): COF-CAU-0204, 2ex??SL, Mat River, Mat River bridge Serchhip, Mizoram, 23°18'917"N 92°48'537"E, 18.02.2014, Coll. Samar & Zama, ??Sub.

3.8.4 Family– Channidae

3.8.4.1 *Channa marulius* (Hamilton 1822): COF-CAU-0055, 1ex??SL, Gomati River, Melaghar, Tripura, Coll. A. Das, Sub. KV. Radhakrishnan; COF-CAU-0074, 2ex??SL, Brahmaputra River, Jinjiram, Meghalaya, 25°45'512"N 089°57'160"E, 21.03.2013, Coll. AS. Barman, Sub. R. Dhanze.

3.8.4.2 *Channa orientalis* (Bloch & Scheider 1801): COF-CAU-0188, 4ex??SL, Brahmaputra River, Jinjiram, Meghalaya, 25°45'512"N 089°57'160"E, 21.03.2013, Coll. AS. Barman, Sub. AS. Barman.

3.8.4.3 *Channa punctata* (Bloch 1793): COF-CAU-0202, 1ex??SL, Tuirial River, Tuirial HEP Kolasib, Mizoram, 24°20'563"N 092°52'508"E, 28.08.2013, Coll. AS. Barman, Sub. AS. Barman; COF-CAU-0254, 2ex??SL, Dikrong River, Nahanlegun, Arunachal Pradesh, 27°10'035"N 093°46'775"E, Alt 128m, 19.10.2013, Coll. J. Parhi, Sub. KV. Radhakrishnan.

3.8.4.4 *Channa stewartii* (Playfair 1867): COF-CAU-0251, 1ex, 13.7mmSL, Siang River, Ajampani, Arunachal Pradesh, 28°07'469"N 095°08'213"E, 23.11.2013, Coll. R. Kumar, Sub. KV. Radhakrishnan.

3.8.5 Family –Gobiidae

3.8.5.1 *Glossogobius giuris* (Hamilton 1822): COF-CAU-0067, 2ex??SL, Jinjiram River, Lalmati, Meghalaya, 25°45'512"N 089°57'160"E, 21.03.2013 Coll. AS. Barman, Sub. R. Dhanze; COF-CAU-0200, 1ex??SL, Tlawng River, Sairang, Mizoram, 23°48'524"N 092°39'072"E, 23.03.2013, Coll. AA. Singh, Sub. AS. Barman.

3.8.6 Family –Nandidae

3.8.6.1 *Nandus nandus* (Hamilton 1822): COF-CAU-0064, 4ex??SL, Kalu River, Garobadha, Meghalaya, 25°34'377N 090°01'298"E, 20.03.2013, Coll. AS. Barman, Sub. R. Dhanze.

3.8.7 Family –Osphronemidae

3.8.7.1 *Trichogaster fasciata* (Bloch & Schneider 1801): COF-CAU-0112, 3ex??SL, Howrah River, Khayerpur, Tripura, 23°50'819"N 91°20'686"E, 30.01.2014, Coll. P. Debnath, Sub. P. Bhattacharjee.

3.9 Order –Tetraodontiformes

3.9.1 Family- Tetraodontidae

3.9.1.1 *Tetraodon cutcutia* (Hamilton 1822): COF-CAU-0129, 4ex??SL, Sunai River, Naigao, Assam, 24°80'936"N 92°26'574"E, 08.08.2016, Coll. P. Biswas & Party, Sub. KV. Radhakrishnan.

4. Discussion

The compilation of Part II of this catalogue is based on the digitization of pertinent data pertaining to each specimen deposited by various authors for cataloguing in the referral museum of COF, CAU, Lembucherra, which includes, 1212 specimens belonging to 89 species, 59 genera, and 22 families of 9 orders. As a result a total of 2390 fish specimens belonging to 162 species, 78 genera, and 32 families of 10 orders have been catalogued in both Part I & II of this catalogue so far. This has augmented the existing materials of fish specimens in the referral Museum, however, it is not a complete inventory of the fish species from the region, as approximately one fourth of the material has been identified till date and taxonomic studies are still in progress, which is a continuous process. Once the identification of all the species is completed, many new species may be added or some species may be synonymised or resurrected and will be published as part III and so on. Once the catalogue is completed this would help in the revisionary taxonomic studies of many genera and families of the region which are urgently required to be undertaken^[1].

5. Conclusion

In continuation to Part I, we endeavoured here to compile and catalogue more material of fish species deposited by various Researchers as such augmenting the existing collection with more specimens comprising 162 species, 78 genera, and 32 families of 10 orders in both Part I & II of this catalogue. This reflects their abundance and wider distributional range. However, still this catalogue is not a complete inventory of the fish species from the region, as only 2390 specimens have been identified and added to the catalogue. Taxonomic studies are still going on and may be published in Part III of this series. So this catalogue would serve as a database for assessing the abundance and distributional status of different fish species of the Northeastern region, besides taxonomic revision.

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7. References

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