

OCCASIONAL PAPER No. 329

**RECORDS
OF THE
ZOOLOGICAL SURVEY OF INDIA**

**Fishes of river Pennar
and its branches**

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**Zoological Survey of India
Kolkata**

CITATION

Indra, T.J., Rema Devi, K., and Ilango, K. 2011. Fishes of river Pennar and its branches, *Rec. zool. Surv. India, Occ. Paper No.*, **329** : 1-52, (Published by the Director, *Zool. Surv. India*, Kolkata)

Published : April, 2011

ISBN 978-81-8171-290-5

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PRICE

Indian ₹ 100.00

Foreign \$ 7 £ 5

Published at the Publication Division, by the Director, Zoological Survey of India, 234/4 A.J.C. Bose Road, 2nd MSO Building, Nizam Palace (13th floor), Kolkata 700 020 and printed at Typographia, Kolkata 700 012.

PREFACE

This publication is dedicated to the memory of Late Shri T. Venkateswarlu who has conducted several field studies and for his contributions to the study of Gobioid fauna of India and the Ichthyofauna of Ganges, Mahanadi Estuary, Araku valley and Pennar. This paper is based on the collections made by Late Shri T. Venkateswarlu during 1983-86. The identifications were done by the current authors and the original MS was written by Late Shri T. Venkateswarlu. Owing to the importance of the ichthyological studies of the Pennar river which has not been published elsewhere we have made some modifications to the original MS and have updated the taxonomic contents for publication. The ichthyofauna of southern Eastern Ghats is poorly known and this study will contribute to the understanding of the composition of the fish species of the Pennar River draining the eastern face of the Eastern Ghats.

T.J. INDRA
K. REMA DEVI
K. ILANGO

DEDICATED TO

LATE SHRI. T. VENKATESWARLU

Scientist

Zoological Survey of India

*for his outstanding contributions
to the study of Ichthyology*

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Page 1-52

CONTENTS

INTRODUCTION	1
MATERIAL AND METHODS	1
COLLECTION LOCALITIES	4
SYSTEMATIC LIST OF FISHES	8
SYSTEMATIC ACCOUNT	13
SUMMARY	47
ACKNOWLEDGEMENTS	47
REFERENCES	48
SCIENTIFIC, COMMON AND VERNACULAR NAMES	50

INTRODUCTION

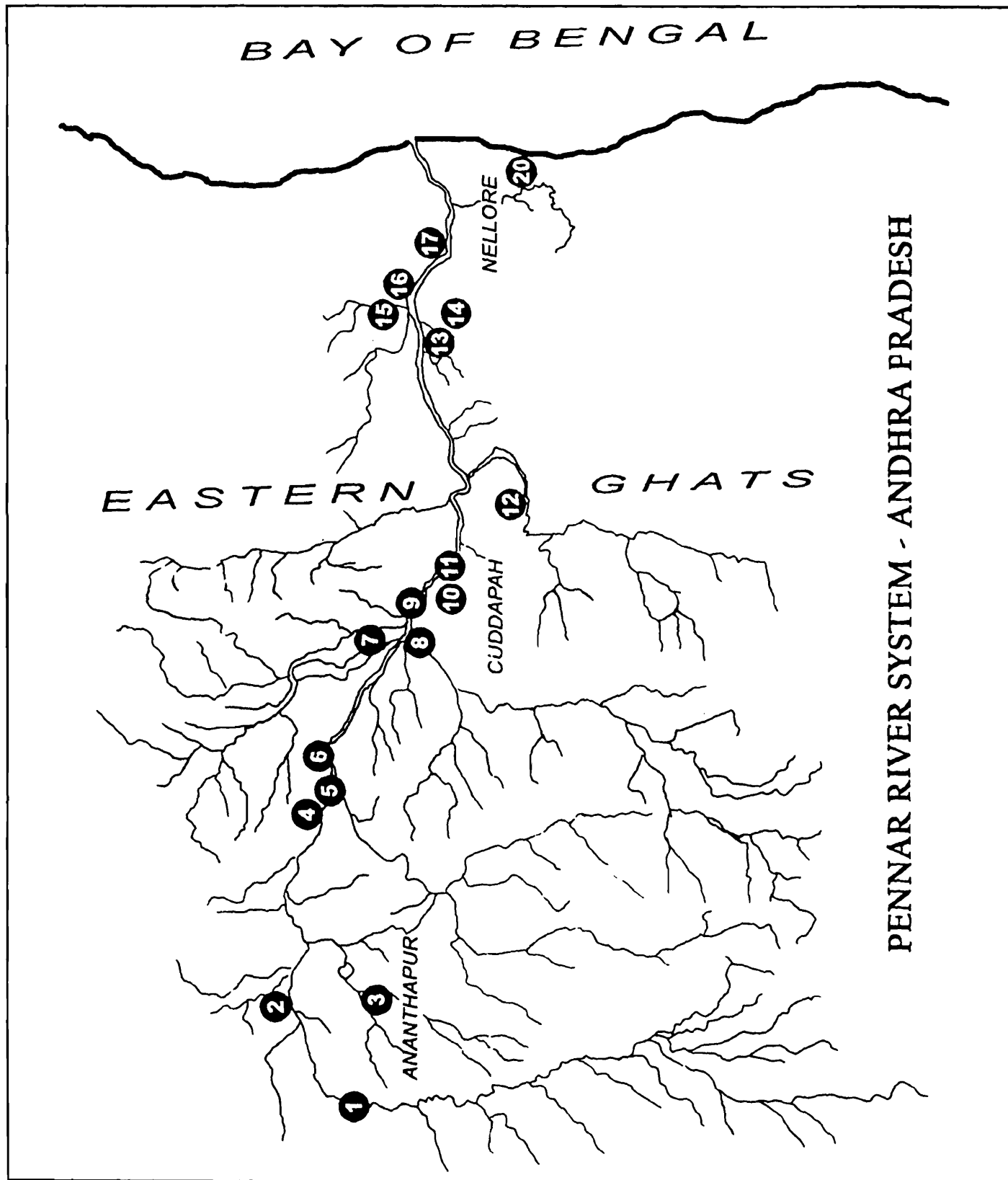
River Pennar is one of the major rivers of South India and the third major river in Andhra Pradesh, after Godavari and Krishna. There is no published work on the fish fauna of this river system except the following works of general nature in which it is mentioned, in distribution, generally as Peninsular India or Southern India or Madras Presidency : Day (1875-1878, 1889), Jayaram (1981, 1982, 1999), Jerdon (1849), Hamilton (1822), Menon (1999), Misra (1959, 1969, 1976a, 1976b) and Venkateswarlu (1984 and 1986). Keeping this in view, the study of fish fauna of this river system was undertaken and four extensive tours were carried out by Shri. T. Venkateswarlu and party from 1983 to 1986. Altogether 85 species belonging to 16 families and 7 orders have been reported here. All the specimens were registered and deposited in Southern Regional Centre, Zoological Survey of India, Chennai. The most valuable record is the report of *Neotropius khavalchor* Kulkarni. It is a monotypic species and is the first record after its original description by Kulkarni in 1952 (Venkateswarlu and Indra, 1993). The study of the ichthyofauna of Pennar river is of significance since not much is known about the fishes draining the southern Eastern Ghats.

MATERIAL AND METHODS

Four camps were established at Anantapur, Cuddapah, Kaluvoya and Nellore and the river system was surveyed from MPR Dam in Anantapur district to Nellore in the down stream. The river was dry above MPR Dam. The major branches like Chitravati, Papaghni and Cheyyeru were always dry except for a few days in monsoon season, whereas a minor branch like Kundu and several hill streams near Kaluvoya always had water. As all the waters are impounded at MPR, Mylavaram and Somasila reservoirs, the river was always dry at Nellore. The interesting aspect of the river is the several deep pools in its course with a maximum depth upto 30 feet where water stagnates throughout the year. Locally, these deep pools are known as "Gundalu" The famous deep pools are at Talipiri near Pamidi, Gandikota gorge, Pushpagiri, Lingampalli, Siddhavatam and Sangam and another famous one named 'Yeddu gundam' on a hill stream near Kaluvoya.

The classification followed is after Nelson (2006), Jayaram (2000) and Menon (1999). Under each species the following details are given : First reference and recent literature citing current valid names, material examined, diagnostic characters, distribution and remarks. Under material the sequence is as follows : Date of collection, name of the locality, number of examples, range and registration number. As all the collections have been made by Shri T. Venkateswarlu name of collector has not been repeated under each

species. A total of 4926 specimens were collected which were found to belong to 85 species under 16 families and 7 orders. All the specimens were registered and deposited in Southern Regional Centre, Zoological Survey of India, Chennai.



Map 1 : Pennar and its branches

River Pennar or Pinakini originates from Nandi hills or Chennakesava hills in Karnataka. The name Pinakini is associated with the bow of Lord Siva or Nandiswara and physically the river looks like a gigantic bow. The river leaves Chennakesava hills and descends in a north-westerly direction. It flows past the town of Gouribidnur and enters Andhra Pradesh. In Hindupur taluk, it is joined by Kumudvati, near Hindupur town. Then it enters Penukonda taluk and Dharmavaram taluk where the Upper Pennar reservoir is constructed on the river. This is the first major reservoir in Pennar. Then it enters Kalayanadurg taluk. There is an anicut at Venkatampalli. Then it enters Rayadurg taluk and turns east and continues in the hilly terrain between Udiripikonda and Pennahobilam.

A few kilometers downstream of Pennahobilam, the mid Pennar dam is built (MPR) on the river near Ramapuram village. Here the river forms a boundary between Ananthapur and Rayadurg on one side and Gooty and Ananthapur on the other side. Then it broadens gradually, the width ranging from half a km to one km. Then it touches Pamidi and Tadiparti and enters Cuddapah district near Koduru.

The important branch of river Pennar is Chitravati in Ananthapur district. It arises in Harihareswar hills, north of Nandi Durg and enters Hindupur taluk. After traversing through Penukonda taluk and Dharmavaram taluk, it enters Jammalamadugu taluk of neighbouring Cuddapah district and joins Pennar near Kondapuram.

The Hagari or Vedavati arises in Karnataka and after passing through Rayadurg and Kalyana Durg taluks, the Bhairavanithippa dam is constructed on this river which irrigates the taluks of Kalyana Durg and Raya Durg.

Papaghni is another important branch which arises in Nandi hills and after flowing 200 km through Kadiri and Rayachoti taluks it joins Pennar near Kamalapuram in Cuddapah district. A reservoir has been constructed in this river near Chennarayaswamy gudi. The other minor branches in Ananthapur district are Kushavadi, Swarnamukhi, Tadakaleru and Pandameru.

Chddapah district can be aptly described as the district of Pennar river. Almost the entire district is drained by Pennar and its branches. It enters the district near the Gandikota hills. Chitravati joins Pennar near Nekunampeta and enters Gandikota hills, its width becoming narrow from 1400 to 500 feet. After 8 km the width narrows down to 230 feet, and flows through a steep gorge. The slopes of the gorge at times is more than 800 feet deep. From here the river takes a loop to the north. Within this loop and overlooking it, is perched the majestic and historic fort of Gandikota, on the top of the hills. A hill stream traverses by the side of the fort and joins Pennar below.

Leaving the gorge the river broadens out where Mylavaram reservoir is constructed on the river. The Dam is half-moon shaped. It is a major reservoir on Pennar. Though

dams are usually constructed in the gorge or in between two hills, here the dam is not constructed in the gorge but below the gorge, to avoid submergence of many towns and villages.

Later the river runs past Jammalamadugu, Proddutur and Kamalapuram towns. Near Kamalapuram town, huge sand dunes of about 50' can be seen in the river bed where Kunderu joins Pennar near Vedururu. Papaghni joins Pennar near Kamalapuram. The river then passes by the side of Pushpagiri hills where a sacred shrine is situated, and flows past Chennur near Cuddapah town. Then it touches the fringes of Lankamalas, Lingampalli and the ancient fort of Siddhavatam and then courses along the Veligondas to Vontimitta valley. Sagileru joins Pennar here.

A little down at Gundlamada, Cheyyeru joins Pennar. Breaking through the Turupukonda spurs, the river enters the Obulam valley, after which the width of river increases to 1 km to 1½ km, encircling a big island, then it enters Velikonda range (Eastern ghats) and enters the Plains of Nellore district through the famous Somasila pass.

River Pennar after passing 456 km in Ananthapur and Cuddapah districts enters Nellore district at Somasila, through a fine gorge in the Velikondas (Eastern ghats). A huge dam, the Somasila dam is built here. This stream after meandering in the Velikondas joins Pennar below.

Traversing Somasila it passes through the taluks of Atmakur and Nellore with anicut at Sangam and one at Nellore town. From Nellore it flows in a broad and sandy bed for about 30 km and joins the Bay of Bengal near Utukur. It flows for about 112 km in Nellore district.

The waters of river Pennar are impounded at four major reservoirs viz. U.P.R., M.P.R., Mylavaram and Somasila and fully utilized for irrigation purposes. Hence the river is always dry near Nellore, as its waters are utilized upto the last drop like Cauvery.

Thus the famous river Pennar or Pinakini, which is confined only to Andhra Pradesh (except its origin in Nandi hills), on whose banks several sacred temples like Pennahobilam, Pushpagiri, and on whose banks two great Maha Kavyas, i.e. Srimad Bhagavatham and Nirvachanottara Ramayanan were written in chaste Telugu, completes its epic journey of about 600 km finally entering the Bay of Bengal near Nellore.

COLLECTION LOCALITIES

Four camps were established by Lt. Shri T. Venkateswarlu during the survey of river Pennar at Ananthapur, Cuddapah, Kaluvoya and Nellore. From these camps collections were made at different localities throughout its course. (Map 1)

Ananthapur

It is the district headquarters situated about 500 km from Chennai on Guntakal-Bangalore railway line. It is one of the biggest towns of Rayalaseema of Andhra Pradesh.

MPR dam : The mid Pennar river dam is situated at about 43 km west of Ananthapur town on river Pennar, near the village Penakacharla.

All major carps and several *Mystus* species are stocked in the reservoir. Andhra Pradesh Government Fish seed farm is located here. They produce fish seed of major carps by induced breeding technique.

Pamidi : It is a very small town situated about 30 km from Ananthapur on the Guntakal road, on the bank of river Pennar with a causeway on the river. There is a deep pool at Talipiri about 6 km up-stream from Pamidi, by the side of a hillock. Collections were made from this pool.

Cuddapah

Cuddapah is the second camp. This district headquarters town situated at a distance of 262 km from Chennai on the Chennai-Bombay railway line, between 13°-15° N and 77°-55° E. This district is bounded by the districts of Kurnool on the north, Chittur on the South, Nellore on the east and Ananthapur on the west. The area of the district is 15,343 sq. km.

The Pennar river flows from west to east and passes into Nellore district through a gap in the eastern ghats at Somasila. Its major tributaries are the Kundu and Sagitleru which flow through Proddutur and the taluks of Badvel and Siddhavatam respectively. From the plateau it receives three important streams, the Chitravati, the Papaghni and the Cheyyeru. The latter two pass through the taluk of Rayachoty. These streams are dry for most of the year except in monsoon.

Chennur : Chennur is a small village on the banks of Pennar, about 12 km from Cuddapah. There is a causeway on the river. Maximum depth is 6 ft.

Siddhavatam : It is situated on the bank of Pennar, about 26 km via Bhakarapet and 38 km via Vontimitta. There is a causeway on the river. Maximum depth is 10' near the causeway. There is a hill range on one side of the river and plains on the other side.

Sitarampuram : It is about 40 km from Cuddapah via Mydukur. River Kundu a branch of Pennar flows by the side, and joins Pennar down stream, near Gangavaram. Collections were made from this river.

Cuddapah Tank : It is an irrigation tank situated about 3 km from Cuddapah. It is fed by K.C canal which originates from Pennar.

Lingampalli : A small village situated down stream, about 20 km from Cuddapah. There is a hillock on the side of the river below which there is a deep pool. Collection were made from this area.

Gangavaram : It is about 33 km from Cuddapah and 3 km from Kamalapuram, on Tadiparti road. Pennar is 2 km from Gangavaram. River Kundu joins Pennar here. There is a deep pool of about 15' depth. Collections were made from this area.

Mylavaram Dam : Mylavaram Dam is about 86 km from Cuddapah. Pennar after passing through Pamidi and Tadiparti, passes through a 8 km deep gorge. The Mylavaram Dam is situated below the gorge further down. A huge reservoir is found below by the gorge.

Gandikota : It is situated on the top of the gorge near Mylavaram reservoir and 32 km from Mylavaram via Jammalamadugu. An old ruined fort is there on the top of the gorge. A hill stream passes by the side of the fort and joins Pennar below. Collections were made from this stream. Several major carps were observed in the gorge.

The gorge is about 8 km in length and the depth exceeds 30 feet at some spots. North canal, Mylavaram dam : this starts from the northern side of the dam and is stone lined, with a maximum depth of about 10 ft.

Pushpagiri : It is about 20 km from Cuddapah on the banks of Pennar. On the opposite side there is a hillock on which Sri Chennakeswara Swamy temple is situated. Below the hillock there is a deep pool in the river about 30' deep. Collections were made this area.

Kaluvoya

Kaluvoya is situated about 60 km from Nellore. River Pennar is about 3 km from Kaluvoya. It is a small town famous for its betel leaf gardens.

Sarava : Savara is a hill stream originating from the Pencilakona hills. It passes by the side of Kaluvoya and joins Pennar 3 km below. This is a perennial stream, with maximum depth of about 12 feet interspersed with deep pools. Formerly this is the drinking water source to Kaluvoya as the waters are unpolluted. Fishes were collected from this stream at several spots.

Khandapuram : It is a about 8 km east of Kaluvoya on Podalakur road. A hill stream which originates from Pencilakona hills joins Khandapuram tank nearby and again emerges from it, pass by the side of Khandapuram and after 5 km joins Pennar. At one spot in this stream there is a deep pool about 30' deep locally known as Yeddugundam. Collections were made from this stream as well as the tank.

Nagula Vellatur : It is about 14 km east of Kaluvoya on Podalakur road. Another hill stream which originates from Pencilakona hills, passes by the side of it and joins

Pennar, north of this place. There is a 15' deep pool in this stream. It is also connected to nearby Garlabanda tank. Collections were made from this stream as well as the tank.

Penna Badvel : It is about 6 km east of Kaluvoya on the bank of river Pennar. The river is shallow and wide with a sandy bed.

Kullur Road : It is about 8 km west of Kaluoya on the way to Somasila, on the bank of Pennar. Here the river is wide with a sandy bed.

Rajupalem : It is about 10 km west of Kaluvoya, on the way to Somasila, on the bank of Pennar. The river is wide and sandy with deep pools here and there.

Somasila : It is about 12 km west of Kaluvoya and 110 km from Cuddapah, Lat. 14°30' N and Long 79°17' E. Pennar passes through a gap in eastern ghats here.

Sangam : It is on bank of Pennar, 58 km north-east of Kaluvoya and 60 km west of Nellore via Podalakur, Lat. 14°34' N, Long 79°45' E. There is an anicut here by the side of which a deep pool of about 20' depth is located. Collections were made from this area, below the anicut.

There are channels on either side of anicut, the on the right side known as Nellore tank and the left side channel known as Kanigiri main canal which feeds Kanigiri reservoir.

Nellore

Nellore district lies between Lat. 13°30' N and 16° N, and long 70°5' E and 80°15' E. It is bounded on north by Guntur district, on the east by Bay of Bengal, on the south by Chittoor district of Andhra Pradesh and Chingleput district of Tamil Nadu and on the west by Veligonda hills (eastern ghats) which separate it from Cuddapah and Kurnool districts. Nellore town the district headquarters is 170 km north of Chennai on the banks of Pennar, at Lat. 14°28' N and Long. 79°58' E. There is an anicut here and a big irrigation tank in the outskirts.

Nellore tank : It is a big irrigation tank fed by a channel starting from Pennar at Sangam. The maximum water level is about 17' and anicut under it spans 12,000 acres.

Jonnawada : It is situated about 24 km on the banks of Pennar at Lat. 14°30' N and Long. 79°48' E.

Nellore Anicut : This is an old anicut on Pennar, located behind the temple of Sri Ranganatha Swamy.

Buckingham canal : This originates from the left side of anicut and passes through Nellore town. Collections were made near Muthukur gate.

Pennar Road Bridge : A road bridge was constructed on Pennar below the anicut parallel to the Railway line. Collections were made from down stream.

Utukuru : Utukuru is about 29 km from Nellore on the northern bank of Pennar river. Pennar joins the sea after 10 km from here and is approachable only by cart road. Kudithipalem is 30 km from Nellore on the southern bank of Pennar. There is an island in it before the confluence with a shallow mouth which is sandy and not much wide.

SYSTEMATIC LIST OF FISHES

Class ACTINOPTERYGII

Subclass NEOPTERYGII

Division TELEOSTEI

Subdivision OSTEOGLOSSOMORPHA

Order OSTEOGLOSSIFORMES

Family NOTOPTERIDAE

- | | | |
|----|---------------------------------------|--------|
| 1. | <i>Chitala chitala</i> (Hamilton)* | 1 ex. |
| 2. | <i>Notopterus notopterus</i> (Pallas) | 8 exs. |

Subdivision ELOPOMORPHA

Order ANGUILLIFORMES

Family ANGUILLIDAE

- | | | |
|----|--|--------|
| 3. | <i>Anguilla bengalensis</i> (Gray & Hardwicke) | 4 exs. |
|----|--|--------|

Subdivision EUTELEOSTEI

Superorder OSTARIOPHYSI

Order CYPRINIFORMES

Family CYPRINIDAE

Subfamily DANIONINAE

Tribe OXYGASTERINI

- | | | |
|----|---|----------|
| 4. | <i>Salmophasia acinaces</i> (Valenciennes)* | 3 exs. |
| 5. | <i>Salmophasia bacaila</i> (Hamilton) | 61 exs. |
| 6. | <i>Salmophasia balookee</i> (Sykes) | 252 exs. |
| 7. | <i>Salmophasia novacula</i> (Valenciennes)* | 302 exs. |
| 8. | <i>Salmophasia phulo</i> (Hamilton) | 3 exs. |
| 9. | <i>Salmophasia orissaensis</i> (Banarescu)* | 4 exs. |

10. *Aspidoparia morar* (Hamilton) 94 exs.
 11. *Barilius bendelisis* (Hamilton) 13 exs.

Tribe DANIONINI

12. *Chela cachius* (Hamilton) 4 exs.
 13. *Laubuca laubuca* (Hamilton) 5 exs.
 14. *Esomus danricus* (Hamilton) 58 exs.
 15. *Esomus thermoicos* (Valenciennes) 53 exs.
 16. *Devario aequipinnatus* (McClelland) 27 exs.
 17. *Danio rerio* (Hamilton) 10 exs.
 18. *Rasbora caverii* (Jerdon) 17 exs.
 19. *Rasbora daniconius* (Hamilton) 108 exs.
 20. *Amblypharyngodon microlepis* (Bleeker) 68 exs.

Tribe CYPRININI

Subtribe CYPRINI

21. *Cyprinus carpio* Linnaeus 21 exs.

Tribe SYSTOMINI

Subtribe OSTEOBRAMAE

22. *Osteobrama cotio* (Hamilton) 3 exs.
 23. *Osteobrama peninsularis* (Day)* 18 exs.
 24. *Osteobrama neilli* (Day) 3 exs.
 25. *Osteobrama vigorsii* (Sykes) 8 exs.

Subtribe SYSTOMI

26. *Puntius sarana* (Hamilton) 8 exs.
 27. *Puntius subnasutus* (Hamilton) 35 exs.
 28. *Hypselobarbus curmuca* (Hamilton) 13 exs.
 29. *Puntius amphibius* (Valenciennes) 110 exs.
 30. *Puntius bimaculatus* (Bleeker) 5 exs.
 31. *Puntius chola* (Hamilton) 62 exs.
 32. *Puntius conchoni* (Hamilton) 8 exs.

33. <i>Puntius dorsalis</i> (Jerdon)	83 exs.
34. <i>Puntius sophore</i> (Hamilton)	466 exs.
35. <i>Puntius ticto</i> (Hamilton)	76 exs.

Tribe LABEONINI

Subtribe LABEONES

36. <i>Bangana dero</i> (Hamilton)*	29 exs.
37. <i>Cirrhinus fulungee</i> (Sykes)	2 exs.
38. <i>Cirrhinus mrigala</i> (Hamilton)	14 exs.
39. <i>Cirrhinus reba</i> (Hamilton)	229 exs.
40. <i>Catla catla</i> (Hamilton)	1 ex.
41. <i>Labeo angra</i> (Hamilton)*	26 exs.
42. <i>Labeo ariza</i> (Hamilton)	14 exs.
43. <i>Labeo bata</i> (Hamilton)	2 exs.
44. <i>Labeo boga</i> (Hamilton)	68 exs.
45. <i>Labeo boggut</i> (Sykes)	2 exs.
46. <i>Labeo calbasu</i> (Hamilton)	18 exs.
47. <i>Labeo fimbriatus</i> (Bloch)	23 exs.
48. <i>Labeo gonius</i> (Hamilton)	2 exs.
49. <i>Labeo pangusia</i> (Hamilton)	2 exs.
50. <i>Labeo porcellus</i> (Sykes)	1 ex.
51. <i>Labeo potail</i> (Sykes)	2 exs.
52. <i>Labeo rohita</i> (Hamilton)	3 exs.

Subfamily GARRINAE

53. <i>Garra mullya</i> (Sykes)	27 exs.
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Family BALITORIDAE

Subfamily NEMACHEILINAE

54. <i>Nemacheilus denisoni</i> (Day)	4 exs.
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Family COBITIDAE

Subfamily COBITINAE

55. <i>Lepidocephalichthys thermalis</i> (Valenciennes)	1 ex.
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Order SILURIFORMES

Family BAGRIDAE

Subfamily RITINAE

56. *Rita kuturnee* (Sykes) 1 ex.

Subfamily BAGRINAE

57. *Sperata aor* (Hamilton) 1 ex.
 58. *Sperata seenghala* (Sykes) 2 exs.
 59. *Mystus bleekeri* (Day) 55 exs.
 60. *Mystus cavasius* (Hamilton) 76 exs.
 61. *Mystus keletius* (Valenciennes)* 13 exs.
 62. *Mystus montanus* (Jerdon) 41 exs.
 63. *Mystus oculatus* (Valenciennes)* 22 exs.
 64. *Mystus vittatus* (Bloch) 123 exs.

Family SILURIDAE

65. *Ompok bimaculatus* (Bloch) 6 exs.
 66. *Wallago attu* (Bloch & Schneider) 1 ex.

Family SCHILBEIDAE

Subfamily SCHILBEINAE

67. *Neotropius atherinoides* (Bloch) 17 exs.
 68. *Neotropius khavalchor* Kulkarni* 2 exs.
 69. *Eutropiichthys goongwaree* (Sykes) 2 exs.

Family SISORIDAE

70. *Nangra itchkeea* (Sykes)* 3 exs.

Family CLARIIDAE

71. *Clarias magur* Linnaeus 3 exs.
 72. *Heteropneustes fossilis* (Bloch) 2 exs.

Superorder ACANTHOPTERYGII

Series MUGILOMORPHA

Order MUGILIFORMES

Family MUGILIDAE

73. *Mugil cephalus* Linnaeus 11 exs.

Series PERCOMORPHA

Order SYNBRANCHIFORMES

Suborder MASTACEMBELOIDEI

Family MASTACEMBELIDAE

Subfamily MASTACEMBELINAE

- | | |
|--|--------|
| 74. <i>Macrognathus aral</i> (Bloch & Schneider) | 5 exs. |
| 75. <i>Macrognathus pancalus</i> Hamilton | 1 ex. |
| 76. <i>Mastacembelus armatus</i> (Lacepede) | 2 exs. |

Order PERCIFORMES

Suborder PERCOIDEI

Family CHANDIDAE

- | | |
|---|-----------|
| 77. <i>Chanda nama</i> Hamilton | 28 exs. |
| 78. <i>Parambassis ranga</i> (Hamilton) | 1487 exs. |

Suborder LABROIDEI

Family CICHLIDAE

- | | |
|--|----------|
| 79. <i>Eetroplus maculatus</i> (Bloch) | 285 exs. |
|--|----------|

Suborder GOBIOIDEI

Family GOBIIDAE

Subfamily GOBIINAE

- | | |
|---|---------|
| 80. <i>Glossogobius giuris</i> (Hamilton) | 71 exs. |
|---|---------|

Subfamily SICYDINAE = SICYDIAPHINAE

- | | |
|--|--------|
| 81. <i>Awaous guamensis</i> (Valenciennes) | 2 exs. |
|--|--------|

Suborder CHANNOIDEI

Family CHANNIDAE

- | | |
|---------------------------------------|----------|
| 82. <i>Channa marulius</i> (Hamilton) | 2 exs. |
| 83. <i>Channa gachua</i> (Hamilton) | 17 exs. |
| 84. <i>Channa punctatus</i> (Bloch) | 32 exs. |
| 85. <i>Channa striatus</i> (Bloch) | 252 exs. |

* New record to Andhra Pradesh.

SYSTEMATIC ACCOUNT

1. *Notopterus notopterus* (Pallas)

1769. *Gymnotus notopterus* Pallas, *Specil. Zool. Petersburg*, 7 : 40, pl. 6, fig. 2 (Type locality : Ponds and rivers of Bengal).
1999. *Notopterus notopterus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 9-10.
1999. *Notopterus notopterus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 19-20.

Material : 2 exs., 97-116 mm SL., F.964, 15.3.1983, Cuddapah; 2 exs., 171-189 mm SL, F.1977, 18.3.1983, Khandapuram; 2 exs., 53-196 mm SL, F.1272, 24.3.1983, khandapuram; 1 ex., 185 mm SL, F.1610, 30.6.1983, Mylavaram Dam; 1ex., 185 mm SL, F.2008, 6.4.1986, M.P.R Dam; 1 ex., 202 mm SL, F.1167, 7.4.1986, M.P.R Dam.

Distribution : India, Pakistan, Nepal, Bangladesh, Myanmar, Thailand, Malaya, Indonesia.

Remarks : It grows upto 61 cm TL. It is common in rivers, tanks, swamps, canals and estuaries and is carnivorous.

2. *Chitala chitala* (Hamilton)*

1822. *Mystus chitala* Hamilton, *Fish Ganges*, pp. 236, 382 (Type locality : Ponds and rivers of Bengal).
1999. *Chitala chitala*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 8-9.
1999. *Chitala chitala*, Jayaram, *The Freshwater Fishes of The Indian Region* : 19-20.

Material : 1 ex., 203 mm SL., F.2321, 15.3.1983, Cuddapah.

Distribution : Northern India, Pakistan, Bangladesh, Myanmar.

Remarks : It grows upto 122 cm TL. It is common in freshwater rivers, lakes, bheels and nullahs in the plains. Vulnerable. This is a new record to river Pennar and Andhra Pradesh.

Subdivision ELOPOMORPHA

Order ANGUILLIFORMES

Family ANGUILLIDAE

3. *Anguilla bengalensis* (Gray & Hardwicke)

1831. *Muraena bengalensis* Gray, *Ill. Ind. Zool.*, pl. 95, fig. 5. (Type locality : The Ganges).
1999. *Anguilla bengalensis*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 5-6.

1999. *Anguilla bengalensis bengalensis*, Jayaram, *The Freshwater Fishes of The Indian Region* : 26-27.

Material : 2 exs., 141-255 mm SL, F.1803, 26.3.1983, Nellore Tank; 2 exs., 229-263 mm SL, F.1751, 6.5.1986, Jonnawda.

Distribution : India, Pakistan, Sri Lanka, Myanmar.

Remarks : This is the most common eel in Indian waters, preferring marshy habitats, in coastal areas descending to seas to spawn; it grows upto 120 cm.

4. *Salmophasia acinaces* (Valenciennes)*

1844. *Leuciscus acinaces* Valenciennes, *Hist. Nat. Poiss.*, 17 : 347, pl. 509 (Type locality : Kaveri drainage, Mysore).

1999. *Salmostoma acinaces*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 24-25.

1999. *Salmostoma acinaces*, Jayaram, *The Freshwater Fishes of The Indian Region* : 65 & 68.

1998. *Salmophasia acinaces*, Kottelat, *J.South Asian nat. Hist.*, 3(1) : 117-119.

Material : 3 exs., 97-105 mm SL., F.994, 7.4.1986, M.P.R.Dam.

Distribution : India : Peninsular India.

Remarks : Grows to 15 cm TL. Inhabits hill streams. This is a new record to Andhra Pradesh.

5. *Salmophasia bacaila* (Hamilton)

1822. *Cyprinus bacaila* Hamilton, *Fish. Ganges* : 265, 384, pl. 8, fig. 76 (Type locality : Gangetic provinces).

1999. *Salmostoma bacaila*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 25-26.

1999. *Salmostoma bacaila*, Jayaram, *The Freshwater Fishes of The Indian Region* : 65 & 67.

1998. *Salmophasia*, Kottelat, *J.South Asian nat. Hist.*, 3(1) : 117-119.

Material : 1 ex., F.2148, 12.3.1983, Mylavaram Dam; 34 exs., 45-108 mm SL., F.2158, 18.3.1983, Khandapuram; 4 exs., 82-116 mm SL., F.2150, 21.3.1983, Nagula Vellatur; 22 exs., 44-94 mm SL., F.2247, 23.3.1983, Sarava canal Kaluvoya.

Distribution : India : North India as far as Orissa. Pakistan, Nepal, Bangladesh.

Remarks : Grows up to 18 cm TL. Inhabits rivers, streams, canals, bheels in submontaine regions and plains.

6. *Salmophasia balookee* (Sykes)

1839. *Chela balookee* Sykes. *Proceedings of the General Meetings for Scientific Business of the Zoological Society of London* 1838 (pt 6) : 157-165.
1782. *Cyprinus clupeoides* Bloch, *Naturg. Aus. Fische*, 12 : 49, pl. 409, fig. 2 (Type locality : Tranquebar).
1999. *Salmostoma clupeoides*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 27.
1999. *Salmostoma clupeoides*, Jayaram, *The Freshwater Fishes of The Indian Region* : 66 & 67.
1996. *Salmostoma balookee*, Kottelat, *J. South Asian nat. Hist.*, v. 2 (no. 1) : 61-62.
1998. *Salmophasia*, Kottelat, *J. South Asian nat. Hist.*, 3(1) : 117-119.

Material : 1 ex., 132 mm SL., F.1162, 15.3.1983, Cuddapah; 11 exs., 35-69 mm SL., F.1601 and F.2114, 18.3.1983, Khandapuram; 5 exs., 75-123 mm SL., F.1816, 23.3.1983, Sarava canal, Kaluvoya; 38 exs., 34-100 mm SL., F.1790, 24.3.1983, Khandapuram; 1 ex., 71 mm SL., F.1934, 27.3.1983, Jonnawada; 169 exs., 40-185 mm SL., F.1594, F.1671, F.1086 and F.1820, 24.6.1983, Mylavaram Dam; 1 ex., 73 mm SL., F.1294, 9.4.1986, Pamidi; 6 exs., 72-83 mm SL., F.1953, 18.4.1986, Mylavaram Dam; 3 exs., 110-114 mm SL., F.1468 and F.1789, 27.4.1986, Khandapuram; 10 exs., 75-125 mm SL., F.1299 and F.1989, 3.5.1986, Nellore Tank; 5 exs., 69-83 mm SL., F.1340, 4.5.1986, Nellore Road Bridg; 1 ex., 68 mm SL., F.1149, 5.5.1986, Buckingham Canal Nellore; 1 ex., 73 mm SL., F.1332, 8.5.1986, Buckingham canal, Nellore.

Distribution : Peninsular India : Gujarat, Maharashtra, Karnataka, Tamil Nadu and Madhya Pradesh. Myanmar.

Remarks : It grows upto 15.0 cm TL. It is a larvivorous fish. Heaps of fishes were observed near Mylavaram Dam, which were being sun-dried. Usually inhabits upper drainages in large rivers.

7. *Salmophasia novacula* (Valenciennes)*

1842. *Leuciscus novacula* Valenciennes, *Jacq. Voy. Ind. Orient.*, pl. 15, fig. 2 (Type locality : Madras).
1999. *Salmostoma novacula*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 28.
1999. *Salmostoma novacula*, Jayaram, *The Freshwater Fishes of The Indian Region* : 66-67.
1998. *Salmophasia*, Kottelat, *J. South Asian nat. Hist.*, 3(1) : 117-119.

Material : 2 exs., 87-100 mm SL., F.2147, 12.3.1983, Mylavaram Dam; 162 exs., 40-110 mm SL., F.1660 and F.1672, 24.6.1983, Mylavaram Dam; 5 exs., 73-80 mm SL., F.1383, 25.6.1986, Mylavaram Dam; 133 exs., 36-82 mm SL., F.1378, 28.6.1983, Mylavaram Dam.

Distribution : India : Maharashtra (Godavary and Krishna) and Tamil Nadu (Cauvery). This is a new record to River Pennar.

Remarks : It grows upto 12.5 cm TL. Upper drainages of rivers and reservoirs.

8. *Salmophasia phulo* (Hamilton)

1822. *Cyprinus phulo* Hamilton, *Fish. Ganges* : 263, 384, (Type locality : Ganges in Gangetic provinces).

1999. *Salmostoma phulo*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 29.

1999. *Salmostoma phulo phulo*, Jayaram, *The Freshwater Fishes of The Indian Region* : 66-67.

1998. *Salmophasia*, Kottelat, *J.South Asian nat. Hist.*, 3(1) : 117-119.

Material : 1 ex., 137 mm SL., F.1822, 24.6.1983, Mylavaram Dam; 1 ex., 129 mm SL., F.1385, 25.6.1983, Mylavaram Dam; 1 ex., 74 mm SL, F.1085, 9.4.1986, Pamidi.

Distribution : India : West Bengal and Assam. Bangladesh.

Remarks : It grows upto 12.0 cm TL. Inhabits lower reaches of rivers, ponds, bheels and ditches.

9. *Salmophasia orissaensis* (Banareescu)*

1968. *Salmostoma phulo orissaensis* Banareescu, *Rev. Roum. Biol.*, 13(1) : 5, fig. 4 (Type-locality : Orissa).

1999. *Salmostoma orissaensis*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 29.

1999. *Salmostoma phulo orissaensis*, Jayaram, *The Freshwater Fishes of The Indian.*

1998. *Salmophasia*, Kottelat, *J.South Asian nat. Hist.*, 3(1) : 117-119. Region : 66-67.

Material : 3 exs., 104 mm SL., F.1677, 13.3.1983, North Canal, Mylavaram Dam; 1 ex., 178 mm SL., F.1782, 25.6.1983, Mylavaram Dam.

Distribution : India : Orissa. This is a new record to River Pennar.

Remarks : This species was recorded from Mylavaram Dam only. It grows upto 10.0 cm TL. Common in lower reaches of rivers, ponds, bheels and ditches.

10. *Aspidoparia morar* (Hamilton)

1822. *Cyprinus morar* Hamilton, *Fish. Ganges* : 264, 384 pl. 31, fig. 75 (Type locality : rivers Yamuna and Tista, two large but distant branches of the Ganges).

1999. *Aspidoparia morar*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 11-12.

1999. *Aspidoparia morar*, Jayaram, *The Freshwater Fishes of The Indian Region* : 68.

Material : 1 ex., 49 mm SL., F.2154, 18.3.1983, Khandapuram; 1 ex., 42 mm SL., F.2245, 23.3.1983, Sarava canal, Kaluvoya; 43 exs., 54-66 mm SL., F.1901, 26.3.1983, Nellore; 48 exs., 56-90 mm SL., F.1932, 27.3.1983, Jonnawada; 1 ex., 53 mm SL., F.1311, 30.3.1983, R. Pennar at Road Bridge, Nellore.

Distribution : Throughout Northern India. Iran, Afghanistan, Pakistan, Nepal, Bangladesh, Myanmar, Thailand.

Remarks : It grows upto 17.5 cm TL. Inhabits streams and ponds in the plains and mountainous regions.

11. *Barilius bendelisis* (Hamilton)

1807. *Cyprinus bendelisis* Hamilton, *Journey Mysore* 3 : 345, pl. 32. (Type locality : Vedawati stream, head waters of Krishna river near Heriuru, Mysore).

1999. *Barilius bendelisis*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 14-16.

1999. *Barilius bendelisis*, Jayaram, *The Freshwater Fishes of The Indian Region* : 70-71.

Material : 6 exs., 80-115 mm SL., F.1048, F.2231, and F.2262; 10.3.1983, Chennur, 2 exs., 68-90 mm SL., F.1087 and F.1293, 9.4.1986, Pamidi; 2 exs., 58-80 mm SL., F.1951, 18.4.1986, Mylavaram Dam; 2 exs., 72-76 mm SL., F.1297 and F.1940, 3.5.1986, Nellore Tank; 1 ex., 59 mm SL., F.1334, 4.5.1986, R. Penar at Road Bridge, Nellore.

Distribution : India : Throughout. Bangladesh, Pakistan, Nepal.

Remarks : It grows upto 15.5 cm TL. Inhabits hill streams and rivers with pebbly and rocky substratum.

12. *Chela cachius* (Hamilton)

1822. *Cyprinus cachius* Hamilton, *Fish. Ganges* : 258, 384 (Type locality : River Ganges above the commencement of the Delta).

1999. *Chela cachius*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 35-36.

1999. *Chela (Chela) cachius*, Jayaram, *The Freshwater Fishes of The Indian Region* : 73-74.

Material : 4 exs., 60-80 mm SL., 11.3.83, Siddhavatam.

Distribution : India : Throughout. Pakistan, Bangladesh, Myanmar.

Remarks : It grows upto 6 cm TL. It occurs in the slow moving waters with muddy bottom. Commonly found in rivers in plains and submontaine regions. It is an aquarium fish.

13. *Laubuca laubuca* (Hamilton)

1822. *Cyprinus (Chela) laubuca* Hamilton, *Fish. Ganges*, pp. 260, 384 (Type locality : Ponds in northern parts of Bengal).

1999. *Chela laubuca*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 36-37.

1999. *Chela (Chela) laubuca*, Jayaram, *The Freshwater Fishes of The Indian Region* : 73-74.

2008. *Laubuca laubuca*, Pethiyagoda et. al. *Ichthyol. Explor. Freshwaters*, Vol. 19, No. 1, pp. 7-26.

Material : 2 exs., 70-90 mm SL., F.2071, 11.3.83, Siddavatam; 2 exs., 44-45 mm SL., F.2070, 24.3.83, Khandapuram; 1 ex., 61 mm SL., F.1387, 25.6.1983, Mylavaram Dam.

Distribution : India : Throughout. Bangladesh, Pakistan, Myanmar, Nepal, Thailand, Malaysia, Indonesia.

Remarks : This is a larvivorous fish, grows upto 5.5 cm TL. Inhabits both shallow and relatively deep streams, ponds, canals and ditches. It breeds freely in ponds, tanks and small streams.

14. *Esomus danricus* (Hamilton)

1822. *Cyprinus (Danio) danrica* Hamilton, *Fish. Ganges* : 325, 390, pl. 16, fig. 88 (Type locality : Ponds and ditches of Bengal).

1999. *Esomus danricus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 46-47.

1999. *Esomus danricus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 75.

Material : 1 ex., 42 mm SL., F.2244, 23.3.1983, Sarava canal, Kaluvoya; 57 exs., 45-69 mm SL., F.2069, 24.3.1983, Khandapuram.

Distribution : India : Throughout Northern India. Nepal, Bangladesh.

Remarks : It grows up to 12.5 cm TL and inhabits ponds, ditches and irrigation canals. It is a larvivorous fish.

15. *Esomous thermoicos* (Valenciennes)

1842. *Nuria thermoicos* Valenciennes, *Hist. Nat. Poiss.*, 16 : 238, pl. 472 (Type locality : Hot springs at Kanniya, Sri Lanka)

1999. *Esomous thermoicos*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 49-50.

1999. *Esomous thermoicos*, Jayaram, *The Freshwater Fishes of The Indian Region* : 75.

Material : 48 exs., 35-60 mm SL., F.1670, F.2111, F.2156, 18.3.1983, Khandapuram; 1 ex., 36 mm SL., F.1981, 23.3.1983, Sarava canal, Kaluvoya; 4 exs., 65-70 mm SL., F.1084, F.1292, F.1318, 9.4.1986, Pamidi.

Distribution : India : Peninsular India. Sri Lanka.

Remarks : Grows to 12.7 cm TL. Inhabits muddy ditches, ponds, canals and flowing waters.

16. *Devario aequipinnatus* (McClelland)

1839. *Perilampus aequipinnatus* McClelland, *Asiat Res*, 19(2) : 393, pl. 60, fig. 1 (Type locality : Assam).

1999. *Danio aequipinnatus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 39-40.

2003. *Devario aequipinnatus*, Fang Fang, *Copeia*, (4), pp. 714-728.

Material : 1 ex., 67 mm SL., F.1837; 12.3.1983, Mylavaram Dam, 1 ex., 67 mm SL., F.1675, 13.3.1983, North canal, Mylavaram Dam; 4 exs., 33-45 mm SL., SL., F.2113, F.2153, 18.3.1983, Khandapurammm; 1 ex., 35 mm SL., F.960, 20.3.1983, Sarava canal, Kaluvoya; 1 ex., 52 mm SL., F.1825, 21.3.1983, Nagula Vellatur; 9 exs., 51-58 mm SL., F.1970; 8.4.1986, M.P.R Dam, 6 exs., 50-60 mm SL., F.1307 & F.1086, 9.4.1986, Pamidi; 3 exs., 51-60 mm SL., F.1966, 10.4.1986, M.P.R Dam; 1 ex., 50 mm SL., F.1957, 18.4.1986, Mylavaram Dam.

Distribution : India : Throughout. Myanmar, Bangladesh, Thailand, Nepal.

Remarks : It is found in slow moving clear streams and rivulets at foot hills. It grows to 8.5 cm TL.

17. *Danio rerio* (Hamilton)

1822. *Cyprinus rerio* Hamilton, *Fish. Ganges* : 323, 390 (Type locality, Kosi river).

1999. *Danio rerio*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 45-46.

2003. *Danio rerio*, Fang Fang, *Copeia*, (4), pp. 714-728.

Material : 10 exs., 30-45 mm SL. 18.3.1983, Khandapuram.

Distribution : India : Throughout. Nepal, Myanmar, Bangladesh, Pakistan.

Remarks : It grows to 3.8 cm SL. Inhabits slow moving streams, ponds and rice fields.

18. *Rasbora caverii* (Jerdon)

1849. *Leuciscus cauveri* Jerdon, *Madras J.Lit.Sci.*, 15, p. 320 (Type locality : Cauvery River, Southern India).

1999. *Rasbora caverii*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 52-53.

1999. *Rasbora caverii*, Jayaram, *The Freshwater Fishes of The Indian Region* : 82-83.

Material : 4 exs., 70-84 mm SL., F.1838, F.2149, 12.3.1983, Mylavaram Dam; 1 ex., 73 mm SL., F.1676, 13.3.1983, North canal, Mylavaram Dam; 7 exs., 33-66 mm SL., F.1600, F.2112, 18.3.1983, Khandavaram; 5 exs., 56-86 mm SL., F.1823, 21.3.1983, Nagula Vellatur,

Distribution : Peninsular India : Karnataka and Tamil Nadu. Sri Lanka.

Remarks : Grows up to 7.0 cm TL. Inhabits lowland forest streams and ponds to mountain streams. Rare.

19. *Rasbora daniconius* (Hamilton)

1822. *Cyprinus daniconius* Hamilton, *Fish. Ganges*; 327, pl. 15, fig. 89 (Type locality : Rivers of Southern Bengal).

1999. *Parluciosoma daniconius*, Menon, *Check list-Fresh water Fishes of India. Rec. zool.Surv. India, Occ. Paper No.*, 175 : 50-52.

1999. *Rasbora daniconius*, Jayaram, *The Freshwater Fishes of The Indian Region* : 83 & 84.

Material : 17 exs., 35-67 mm SL., F.2157, 18.3 1983, Khandapuram; 1 ex., 54 mm SL., F.1829, 20.3.1983, Sarava canal, Kaluvoya; 9 exs., 36-70 mm SL., F.1980, F.2243, 23.3.1983, Savara canal, Kaluvoya; 53 exs., 54-70 mm SL., F.2072, 24.3.1983 Khandapuram; 1 ex., 75 mm SL., F.2073, 27.6.1983, North canal, Mylavaram Dam; 7 exs., 33-66 mm SL., F.2143, 29.6.1983, Gandikota; 10 exs., 62-100 mm SL., F.1880, 8.4.1986. M.P.R. Dam; 5 exs., 61-67, F.1082, F.1290, 9.4.1986, Pamidi; 5 exs., 63-70 mm SL., F.1317, 10.4.1986, M.P.R. Dam.

Distribution : India : Throughout. Pakistan, Nepal, Bangladesh, Myanmar, Sri Lanka, Thailand.

Remarks : Grows to 10.0 cm TL. Inhabits clear but slow flowing streams, pools and ditches in the plains chiefly with sandy substrate.

20. *Amblypharyngodon microlepis* (Bleeker)

1853. *Leuciscus microlepis* Bleeker, *Verh. Bat. Gen.*, 25 : 141 (Type locality : Bengal.)

1999. *Amblypharyngodon microlepis*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 32-33.

1999. *Amblypharyngodon microlepis*, Jayaram, *The Freshwater Fishes of The Indian Region* : 85-86.

Material : 28 exs., 30-51 mm SL., F.2110, F.2155, 18.3.1983, Khandapuram; 21 exs., 57-74 mm SL, F.1824, 21.3.1983, Nagula Vellatur; 4 exs., 35-53 mm SL, F.2246, 23.3.1983, Sarava canal, Kaluvoya; 4 exs., 48-58 mm SL, F.1903, 26.3.1983, Nellore; 2 exs., 45-60 mm SL, F.1661, 24.6.1983, Mylavaram Dam; 5 exs., 50-63 mm SL, F.1388, 25.6.1983, Mylavaram Dam; 3 exs. 63 mm SL, F.1960, 26.6.1983, North canal, Mylavaram Dam; exs., 1 ex., 68 mm SL, F.1083, 9.4.1986, Pamidi.

Distribution : India : Eastern and Southern India.

Remarks : Grows to 10.0 cm TL. Inhabits slow flowing streams, pools, ditches and nullahs.

21. *Cyprinus carpio* Linnaeus

1758. *Cyprinus carpio* Linnaeus, *Syst. Nat. Ed. 10, I*, p. 320 (Type Locality : Europe).

1999. *Cyprinus carpio communis*, Jayaram, *The Freshwater Fishes of The Indian Region* : 91.

Material : 1 ex., 134 mm SL, F.1674, 28.6.1983, Mylavaram Dam; 20 exs., 53-80 mm SL, F.1894, 11.4.1986, M.P.R. Dam.

Distribution : India : It is an exotic fish and introduced in reservoirs in India. China, Korea, Japan, Taiwan, Europe, America.

22. *Osteobrama cotio* (Hamilton)

1822. *Cyprinus cotio* Hamilton, *Fish Ganges*, 339, pl. 39, fig. 93 (Type locality : Bengal).

1999 *Osteobrama cotio cotio*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 64.

1999. *Osteobrama cotio cotio*, Jayaram, *The Freshwater Fishes of The Indian Region* : 101 & 103.

Material : 2 exs., 55-64 mm SL., F.1166, 26.6.1983, North canal, Mylavaram Dam; 1 ex., 46 mm SL, F.1300, 3.5.1986, Nellore tank.

Distribution : India : Northern India. Nepal, Pakistan, Bangladesh.

Remarks : It grows to 15.0 cm TL. Inhabits rivers, ponds, lakes and ditches.

23. *Osteobrama peninsularis* Silas*

1952. *Osteobrama cotio var. peninsularis* Silas, *Proc. nat. Inst. Sci. India*, **18**(5), 433 (Type locality : Poona).
1999. *Osteobrama cotio peninsularis*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 65.
1999. *Osteobrama cotio peninsularis*, Jayaram, *The Freshwater Fishes of The Indian Region* : 102 & 103.

Material : 5 exs., 55-62 mm SL, F.1391, 25.6.1983, Mylavaram Dam; 4 exs., 41-68 mm SL, F.1946, F.1959, 26.6.1983, North canal, Mylavaram Dam; 6 exs., 58-62 mm SL, F.1207, F.1936, 27.6.1983, Mylavaram Dam; 3 exs., 43-48 mm SL, F.1346, F.1798, 26.4.1986, Somasila.

Distribution : India : Peninsular India : Andhra Pradesh, Maharashtra and Orissa.

Remarks : Grows up to 15.0 cm TL. Inhabits rivers and streams. This is a new record to Andhra Pradesh.

24. *Osteobrama neilli* (Day)

1873. *Rohtee neilli* Day, *Proc. Zool. Soc.* 239. (Type locality : Bhavani river)
1999. *Osteobrama neilli*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 65-66.
1999. *Osteobrama neilli*, Jayaram, *The Freshwater Fishes of The Indian Region* : 102-103.

Material : 2 exs., 84-85 mm SL, F.1169, 6.4.1986, M.P.R. Dam; 1 ex., 80 mm SL, F.2011, 7.4.1986, M.P.R. Dam.

Distribution : India : Krishna river (Deccan) and Pennar river in Cuddapah district, Andhra Pradesh. Menon (1999) reports its absence in Nilgiris since 1942.

Remarks : Its attains 12.0 cm TL. Inhabits fast flowing clear streams and rivers. Endangered species.

25. *Osteobrama vigorsii* (Sykes)

1841. *Rohtee vigorsii* Sykes, *Trans. Zool. Soc. Lond.*, 2 : p. 364, pl. 63, fig. 3. (Type locality : Bhima river at Pairgaon, Maharashtra).
1999. *Osteobrama vigorsii*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 66-67.
1999. *Osteobrama vigorsii*, Jayaram, *The Freshwater Fishes of The Indian Region* : 102-103.

Material : 5 exs., F.2074, 26.6.1983, Mylavaram Dam; 1 ex., 165 mm SL, F.1802, 28.6.1983, Mylavaram Dam; 2 exs., 95-177 mm SL, F.1168, 7.4.1986, M.P.R. Dam.

Distribution : India, Deccan (Godavary, Krishna drainage system) and Mahanadhi River at Hirakud dam.

Remarks : It grows upto 30 cm TL. Inhabits fast flowing clear streams and rivers.

26. *Hypseobarbus curmuca* (Hamilton)

1807. *Cyprinus curmuca* Hamilton, *Journey, Mysore*, 3 : 344, pl. 30 (Type locality : Vedavathi river, Thungabadhra drainage).

1999. *Hypseobarbus curmuca*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 75-76.

1999. *Gonoproktopterus curmuca*, Jayaram, *The Freshwater Fishes of The Indian Region* : 122-123.

Material : 1 ex., 48 mm SL., F.1898, 22.3.1983, Penna Badvel; 1 ex., 86 mm SL., F.1153, 24.3.1983, Khandapuram ; 4 exs., 150 mm SL, F.806, 26.4.1983, Chennur; 1 ex., 128 mm SL., F.1780, 25.6.1983, Mylavaram Dam; 2 exs., 145-150 mm SL., F.1593, F.1735; 28.6.1983, Mylavaram Dam; 1 ex., 163 mm SL., F.1667, 30.6.1983, Mylavaram Dam; 1 ex., 198 mm SL., F.1755, 6.4.1986, M.P.R. Dam; 2 exs., 84-108 mm SL., F.939, F.1173, 7.4.1986, M.P.R Dam.

Distribution : India : Southern India : Mysore Plateau in Krishna, Godavary and Cauvery river.

Remarks : Grows up to 30.0 cm TL. Inhabits deeper portion of clear, fast flowing large rivers in the upland regions. Vulnerable.

27. *Puntius amphibius* (Valenciennes)

1842. *Capoeta amphiba* Valenciennes, *Hist. nat. Poiss.*, 16 : 282, pl. 478 (Type locality : Bombay).

1999. *Puntius amphibius*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 85-86.

1999. *Puntius amphibius*, Jayaram, *The Freshwater Fishes of The Indian Region* : 110 & 118.

Material : 3 exs., 63-95 mm SL., F.1783, 17.3.1983, Somasila Dam; 15 exs., 27-42 mm SL., F.957, 20.3.83, Sarava canal, Kaluvoya; 13 exs., 36-46 mm SL., F.1897, 22.3.1983, Penna Badvel; 12 exs., 32-100 mm SL., F.1979, F.2208, 22.3.1983, Sarava canal, Kaluvoya; 8 exs., 42-64 mm SL., F.2133, 28.3.1983, Nellore Anicut; 1 ex. 78 mm SL., F.1393, 24.6.1983, Mylavaram Dam; 25 exs., 50-84 mm SL., F.1209, F.1213, 27.6.1983, North canal, Mylavaram Dam; 1 ex., 50 mm SL., F.1382, 28.6.1983, Mylavaram Dam; 3 exs., 54-68 mm SL., F.1175, 7.4.1986, M.P.R. Dam; 2 exs., 46-60 mm SL., F.1881, F.1972, 8.4.1986, M.P.R. Dam; 4 exs., 47-63 mm SL., F.1284, F.1304, 9.4.1986, Pamidi; 19 exs., 47-92 mm SL., F.1313, 10.4.1986, M.P.R. Dam; 1 ex., 46 mm SL., F.1955, 18.4.1986, Mylavaram Dam; 3 exs., 51-56 mm SL., F.1355, 2.5.1986, Sangam.

Distribution : India : Peninsular India. Sri Lanka.

Remarks : It grows upto 9.0 cm TL. Inhabits streams and ponds in the plains.

28. *Puntius bimaculatus* (Bleeker)

1864. *Gnathopogon bimaculatus* Bleeker, *Verb. Nat. Maastsch. Haarlem.* 2(20); 17, pl. 4, fig. 1 (Type locality : Ceylon).

1999. *Puntius bimaculatus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 87-88.

1999. *Puntius bimaculatus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 110-118.

Material : 5 exs., 45-52 mm SL., F.1320, 9.4.1986, Pamidi.

Distribution : India : Peninsular India. Sri Lanka.

Remarks : It grows upto 4.0 cm TL. Inhabits streams and ponds in the plains ascending to mountain streams.

29. *Puntius chola* (Hamilton)

1822. *Cyprinus chola* Hamilton, *Fish. Ganges*, 312, 389 (Type locality : North eastern parts of Bengal).

1999. *Puntius chola*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 88-90.

1999. *Puntius chola*, Jayaram, *The Freshwater Fishes of The Indian Region* : 111 & 118.

Material : 1 ex., 45 mm SL., F.1679, 13.3.1983, North canal, Mylavaram Dam; 5 exs., 43-67 mm SL., F.1845, 17.3.1983, Somasila; 10 exs., 40-65 mm SL., F.1835, 21.3.1983, Nagula Vellatur; 9 exs., 55-75 mm SL., F.2207; 23.3.1983, Savara canal, Kaluvoya; 1 ex., 80 mm SL., F.2206, 25.3.1983, Sangam; 2 exs., 55 mm SL., F.1394, 25.6.1983, Mylavaram Dam; 4 exs., 54 mm SL., F.1210, 27.6.1983, North canal, Mylavaram Dam; 3 exs., 42-50 mm SL., F.1484, 18.3.1986, Khandapuram; 4 exs., 62-84 mm SL., F.1174, 7.4.1986, M.P.R. Dam; 3 exs., 52-68 mm, F.1286, 9.4.1986, Pamidi; 1 ex., 57 mm SL., F.1315, 10.4.1986, M.P.R. Dam; 1 ex., 78 mm SL., F.1429, 15.4.1986, Lingampalli; 1 ex., 43 mm SL., F.1800, 26.4.1986, Somasila; 15 exs., 58-95 mm SL., F.1466, F.1787, 27.4.1986, Khandapuram; 2 exs., 48-49 mm SL., F.1330, 8.5.1986, Buckingham canal Nellore.

Distribution : India : Throughout. Pakistan, Myanmar, Nepal, Bangladesh, Sri Lanka.

Remarks : It grows up to 15.0 cm TL. Inhabits rivers, streams and tanks in the plains.

30. *Puntius conchoni* (Hamilton)

1822. *Cyprinus conchoni* Hamilton, *Fish. Ganges*, 317, 318, 389 (Type locality : Ponds of north-east Bengal, and rivers Kosi and Ami).

1999. *Puntius conchoni*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175 : 90-91.*

1999. *Puntius conchoni*, Jayaram, *The Freshwater Fishes of The Indian Region : 111 & 120.*

Material : 6 exs., 50-60 mm SL., F.2205, 23.3.1983, Sarava canal, Kaluvoya; 2 exs., 170 mm SL., F.2204, 26.3.1983, Sangam.

Distribution : India : Assam, N.E. Bengal, Bihar, U.P., Punjab.

Remarks : It attains 12.5 cm TL. Inhabits fast flowing hill streams.

31. *Puntius dorsalis* (Jerdon)

1849. *Systemus dosalis* Jerdon, M adras, J. Lit. Sci., 15 : 314 (Type locality : Tanks and river in neighbourhood of Madras).

1999. *Puntius dorsalis*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175 : 91-92.*

1999. *Puntius dorsalis*, Jayaram, *The Freshwater Fishes of The Indian Region : 112 & 118.*

Material : 7 exs., 58-67 mm SL., F.966, 10.3.1983, Chennur; 1 ex., 59 mm SL., F.1839, 12.3.1983, Mylavaram Dam; 1 ex., 58 mm SL., F.1846, 17.3.1983, Somasila; 2 exs., 50-66 mm SL., F.1483, 18.3.1983, Khandapuram; 1 ex., 50 mm SL., F.1832; 22.3.1983, Penna Badvel; 17 exs., F.1899, 21.3.1983, Nagula Vellatur; 8 exs., 40-74 mm SL., F.2135, 28.3.1983, Nellore Anicut; 1 ex., 110 mm SL., F.1781, 25.6.1983, Mylavaram Dam; 4 exs., 50-58 mm SL., F.1211, 27.6.1983, North canal, Mylavaram Dam; 20 exs., 42-74 mm SL., F.1077, 1.4.1986, Pamidi; 1 ex., 60 mm SL., F.1176, 7.4.1986, M.P.R. Dam; 16 exs., 46-59 mm SL., F.1287, F.1319, 9.4.1986, Pamidi; 2 exs., 51-66 mm SL., F.1314, 10.4.1986, M.P.R. Dam; 2 exs., 59-63 mm SL., F.1148, F.1814, 5.5.1986, Bickingham Canal, Nellore.

Distribution : India : Peninsular India : Cauvery, Krishna, Godavary, Mahanadi, Narmada river systems. Sri Lanka.

Remarks : It grows up to 25.0 cm TL. Inhabits rivers and streams, particularly with pebbly substrate.

32. *Puntius sophore* (Hamilton)

1822. *Cyprinus sophore* Hamilton, *Fish. Ganges : 310, 389, pl. 19, fig. 86* (Type locality : Ponds and rivers in the Gangetic provinces).

1999. *Puntius sophore*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175 : 101-102.*

1999. *Puntius sophore*, Jayaram, *The Freshwater Fishes of The Indian Region : 114 & 120.*

Material : 1 ex., 36 mm SL., F.967, 10.3.1983, Chennur; 4 exs., 58-72 mm SL., F.2066, 11.3.1983, Siddhavatam; 4 exs., 35-48 mm SL., F.1678, 13.3.1983, North canal,

Mylavaram Dam; 4 exs., 48-76 mm SL., F.1558, F.2237, 15.3.1983, Cuddapah; 1 ex., 59 mm SL., F.1844, 17.3.1983, Somasila; 4 exs., 38-51 mm SL, F.1485, 18.3.1983, Khandapuram; 19 exs., 32-53 mm SL., F.956, 20.3.1983, Sarava, Kaluvoya; 14 exs., 38-87 mm SL., F.1834, 21.3.1983, Nagula Vellatur; 20 exs., 45-80 mm SL., F.2067, 23.3.1983, Sarava, Kaluvoya; 9 exs., 45-55 mm SL., F.860, F.2065, 24.3.1983, Khandapuram; 3 exs., 51-86 mm SL., F.2228, 26.3.1983, Nellore Tank; 1 ex., 50 mm SL., F.1933, 27.3.1983, Jonnawada; 98 exs., 40-58 mm SL., F.931, F.2134, 28.3.1983, Nellore Anicut; 77 exs., 36-63 mm SL., F.1310, 30.3.1983, Road Bridge, Nellore; 1 ex., 55 mm SL., F.1395, 25.6.1983, Mylavaram Dam; 1 ex., 51 mm SL., F.1212, 27.6.1983, North canal, Mylavaram Dam; 1 ex., 45 mm SL., F.1381, 28.6.1983, Mylavaram Dam; 105 exs., 38-63 mm SL., F.1078, F.1285, F.1305, F.1321, 9.4.1986, Pamidi; 4 exs., 66-73 mm SL., F.1430, 15.4.1986, Lingampalli; 3 exs., 42-74 mm SL., F.1954, 18.4.1986, Mylavaram Dam; 4 exs., 59-60 mm SL., F.1323, 23.4.1986, Sarava, Kaluvoya; 2 exs., 45-49 mm SL., F.1025, 25.4.1986, Rajupalem; 29 exs., 54-82 mm SL., F.1467, F.1788, 27.4.1986, Khandapuram; 3 exs., 43-53 mm SL., F.1029, F.1842, 28.4.1986, Somasila; 1 ex., 70 mm SL., F.993, 30.4.1986, Kaluvoya Tank; 1 ex., 60 mm SL., F.1354, 2.5.1986, Sangam; 13 exs., 55-92 mm SL., F.1298, F.1937, 3.5.1986, Nellore tank; 34 exs., 46-73 mm SL., F.1147, F.1815, 5.5.1986, Buckingham canal, Nellore; 3 exs., 57-62 mm SL., F.1331, 8.5.1986, Bickingham canal, Nellore.

Distribution : India : Throughout India. Pakistan, Bangladesh, Myanmar, China.

Remarks : It grows up to 18.0 cm TL. Inhabits streams and ponds in the plains and mountaine regions.

33. *Puntius sarana* (Hamilton)

1822. *Cyprinus sarana* Hamilton, *Fish. Ganges* : 307, 388 (Type locality : Gangetic system, Bengal).

1999. *Barbodes sarana sarana*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 70-72.

2010. *Puntius sarana sarana*, Jayaram, *The Freshwater Fishes of The Indian Region* 2nd Edition : 125 & 115.

Material : 1 ex., 68 mm SL., F.958, 20.3.1983, Sarava Canal, Kaluoya; 2 exs., 83-85 mm SL., F.1152, 24.3.1983, Khandapuram, 2 exs., 150-200 mm SL., F.1821; 24.6.1983, Mylavaram Dam; 1 ex., 75 mm SL., F.1283, 9.4.1986, Pamidi; 1 ex., 75 mm SL., F.1316, 10.4.1986, M.P.R Dam; 1 ex., 76 mm SL., F.1922, 23.4.1986, Sarava canal, Kuluvoya.

Distribution : India : Throughout north of Krishna River system. Nepal, Pakistan, Myanmar.

Remarks : Grows upto 31.0 cm TL. Inhabits streams, rivers, reservoirs and tanks.

34. *Puntius subnasutus* (Hamilton)

1842. *Barbus subnasutus* Valenciennes, *Hist. nat. poiss.* 16 : 154 (Type locality : Pondicherry).

1999. *Barbodes sarana subnasutus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 72-73.

1999. *Puntius sarana subnasutus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 114-115.

Material : 2 exs., 111-140 mm SL., F.1159, F.2137, 11.3.1983, Siddhavatam; 2 exs., 125-143 mm SL., F.1099, F.1157, 15.3.1983, Cuddapah; 1 ex., 94 mm SL., F.2068, 18.3.1983, Khandapuram; 3 exs., 69-85 mm SL., F.1978, 23.3.1983, Sarava canal, Kaluvoya; 14 exs., 60-95 mm SL., F.1208, 27.6.1983, North canal, Mylavaram Dam; 1 ex., 160 mm SL., F.1746, 28.6.1983, Mylavaram Dam; 1 ex., 172 mm SL., F.1756, 6.4.1986, M.P.R. Dam; 1 ex., 71 mm SL., F.1076, 9.4.1986, Pamidi; 3 exs., 70-88 mm SL., F.1965, 10.4.1986, M.P.R. Dam; 1 ex., 136 mm SL., F.1949, 18.4.1986, Mylavaram Dam; 1 ex., 117 mm SL., F.1974, 23.4.1986, Sarava canal, Kaluvoya; 1 ex., 75 mm SL., F.1302, 30.4.1986, Kaluvoya Tank; 4 exs., 65-75 mm SL., F.1353, F.1479, 2.5.1986, Sangam.

Distribution : India : Peninsular India.

Remarks : Grows up to 25.0 cm TL. Inhabits rivers with medium currents, tanks and reservoirs.

35. *Puntius ticto* (Hamilton)

1822. *Cyprinus ticto* Hamilton, *Fish. Ganges* : 314, 389, pl. 8., fig. 87 (Type locality : South eastern parts of Bengal).

1999. *Puntius ticto ticto*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 103-104.

1999. *Puntius ticto ticto*, Jayaram, *The Freshwater Fishes of The Indian Region* : 114 & 120.

Material : 1 ex., 31 mm SL., F.1046, 18.3.1983, Khandapuram; 2 exs., 30-42 mm SL., F.932, 28.3.1983, Nellore Anicut; 1 ex., 44 mm SL., F.2138, 11.3.1983, Siddhavatam; 1 ex., 34 mm SL., F.1680, 13.3.1983, North canal, Mylavaram Dam; 3 exs., 36-44 mm SL., F.1151, 14.3.1983, Sitarampuram; 2 exs., 25-31 mm SL., F.1482, 18.3.1983, Khandapuram; 6 exs., 25-33 mm SL., F.959, 20.3.1983, Sarava, Kaluvoya; 10 exs., 36-56 mm SL., F.1833, 21.3.1983, Nagula Vellatur; 3 exs., 25-34 mm SL., F.1761, 24.3.1983, Khandapuram; 6 exs., 30-41 mm SL., F.1312, 30.3.1983, Road Bridge, Nellore; 1 ex., 40 mm SL., F.1663, 24.6.1983, Mylavaram Dam; 1 ex., 46 mm SL., F.1961, 26.6.1983, North canal, Mylavaram Dam; 35 exs., 34-46 mm SL., F.1079, F.1288, F.1306, F.1322, 9.4.1986, Pamidi; 3 exs., 47-53 mm SL., F.1956, 18.4.1986, Mylavaram Dam; 1 ex., 36 mm SL., F.1334, 23.4.1986, Sarava, Kaluvoya.

Distribution : India : Except Southern Western Ghats. Nepal, Pakistan, Bangladesh.

Remarks : It grows up to 10.0 cm TL. Inhabits rivers, streams and ponds in clear waters chiefly with muddy substratum.

36. *Bangana dero* (Hamilton)*

1822. *Cyprinus dero* Hamilton, *Fish. Ganges* : 277, 331, 585, pl. 22, fig. 78 (Type locality : River Brahmaputra).

1999. *Labeo dero*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 130-132.

1999. *Labeo dero*, Jayaram, *The Freshwater Fishes of The Indian Region* : 133-137.

2006. *Bangana dero*, Zhang, E and Yi-Yu Chen. *Zootaxa* No. 1281 : 41-54.

Material : 1 ex., 66 mm SL, F.1274, 10.3.1983, Chennur; 1 ex., 86 mm SL, F.1830, 20.3.1983, Sarava canal, Kaluvoya; 9 exs., 62-78 mm SL., 29.4.1986, Kullur Road; 9 exs., 57-85 mm SL., F.1022, 25.4.1986, Rajupalem; 9 exs., 59-83 mm SL., F.1028, 28.4.1986, Somasila.

Distribution : India : Mostly Northern India introduced in some Southern States. Pakistan, Nepal, Bangladesh.

Remarks : Inhabits mountain streams and rivers. Grows upto 75.0 cm TL. Vulnerable.

This is a new report from Andhra Pradesh.

37. *Cirrhinus fulungee* (Sykes)

1841. *Chondrostoma fulungee* Sykes, *Trans. Zool. Soc. Lond.* p. 358 (Type Locality : Dukhun).

1999. *Cirrhinus fulungee*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 121-122.

1999. *Cirrhinus fulungee*, Jayaram, *The Freshwater Fishes of The Indian Region* : 130-131.

Material : 2 exs., 80-81 mm SL., F.1172, 7.4.1986, M.P.R. Dam.

Distribution : India : Peninsular India: Maharashtra and Karnataka.

38. *Cirrhinus mrigala* (Hamilton)

1822. *Cyprinus mrigala* Hamilton, *Fish. Ganges* : 297, 389, pl. 6 fig. 79 (Type locality : Ponds and fresh water rivers of Gangetic provinces).

1999. *Cirrhinus mrigala*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 122-123.

1999. *Cirrhinus mrigala*, Jayaram, *The Freshwater Fishes of The Indian Region* : 130-131.

Material : 6 exs., 115-195 mm SL., F.1786, 17.3.1983, Somasila Dam; 1 ex., 143 mm SL., F.1668, 30.6.1983, Mylavaram Dam; 2 exs., 125-236 mm SL., F.2009, 6.4.1986, M.P.R. Dam; 5 exs., 125-213 mm SL., F.1747, F.2007, 6.5.1986, Jonnawada.

Distribution : India : Northern India, Introduced into Peninsular India. Pakistan, Nepal, Bangladesh.

Remarks : It is stocked in the Mylavaram and M.P.R. reservoirs. Large specimens were observed in these reservoirs. Usually inhabits large rivers and ponds. The maximum length attained is 99.0 cm TL.

39. *Cirrhinus reba* (Hamilton)

1822. *Cyprinus reba* Hamilton, *Fish. Ganges* : 280, 386 (Type locality : rivers and ponds of Bengal and Bihar).

1999. *Cirrhinus reba*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 123-125.

1999. *Cirrhinus reba*, Jayaram, *The Freshwater Fishes of The Indian Region* : 130-131.

Material : 1 ex., 130 mm SL., F.1158, 10.3.1983, Cuddapah; 1 ex., 122 mm SL., F.1160, 11.3.1983, Siddhavatam; 17 exs., 72-130 mm SL., F.1163; 12.3.1983, Mylavaram Dam; 5 exs., 75-126 mm SL., F.2087, 13.3.1983, North canal, Mylavaram Dam; 5 exs., 73-102 mm SL., F.1164, 14.3.1983, Sitarampuram; 4 exs., 70-100 mm SL., F.1100, 15.3.1983, Cuddapah; 1 ex., 56 mm SL., F.1785, 17.3.1983, Somasila Dam; 4 exs., 95-125, F.1828, 22.3.1983, Sarava canal, Kaluvoya; 176 exs, 33-38 mm SL., F.1896, 22.3.1983, Penna Badvel; 8 exs., 95-121 mm SL., F.1752, 23.3.1983, Sarava canal, Kaluvoya; 8 exs., 70-118 mm SL., F.1902, F.1931, 26.3.1983, Nellore Tank; 5 exs., 79-100 mm SL., F.1595, F.1673, 24.6.1983, Mylavaram Dam; 2 exs., 111-117 mm SL., F.1389, 25.6.1983, North canal, Mylavaram Dam; 2 exs., 59-74 mm SL., F.1379; 28.6.1983, Mylavaram Dam. 6 exs., 48-130 mm SL., F.1171, F.943, 7.4.1986, M.P.R. Dam; 25 exs., 42-133 mm SL., F.1269, 8.4.1986, M.P.R. Dam; 21 exs., 37-200 mm SL., F.949, F.2263; 10.4.1986; 6 exs., 85-100 mm SL., F.1424, 15.4.1986, Lingampalli; 1 ex., 90 mm SL., F.1818, 16.4.1986, Gangavaram; 4 exs., 100-132 mm SL., F.1950, 18.4.1986, Mylavaram Dam; 1 ex., 91 mm SL., F.1928, 19.4.1986, Chennur; 13 exs., 81-142 mm SL, F.1923, F.1976, 23.4.1986, Sarava canal, Kaluvoya; 16 exs., 62-97 mm SL, F.1021, F.1469, 25.4.1986, Rajupalem; 7 exs., 56-76 mm SL, F.1342, F.1797, 26.4.1986, Somasila; 10 exs., 59-93 mm SL, F.1027, 28.4.1986, Somasila; 4 exs., 49-52 mm SL, 29.4.1986, Kullur Road; 8 exs., 61-92 mm SL, F.1351, F.1477, 2.5.1986, Sangam; 9 exs., 100-165 mm SL, F.1938, 3.5.1986, Nellore Tank; 15 exs., 56-170 mm SL, F.1339, F.2260, 4.5.1986, R. Pennar at Road Bridge, Nellore; 20 exs., 56-140 mm SL, F.1328, F.1792, F.2006, 6.5.1986, Jonnawada.

Distribution : India : throughout. Pakistan, Nepal, Bangladesh, Myanmar.

Remarks : It is an important food fish. Naturally inhabits larger streams, rivers and tanks. Grows to a length of 30.0 cm TL.

40. *Catla catla* (Hamilton)

1822. *Cyprinus catla* Hamilton, *Fish. Ganges* : 287, 318, 387, pl. 13, fig. 81 (Type locality : rivers and tanks of Bangal).

1999. *Catla catla*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 119-120.

1999. *Catla catla*, Jayaram, *The Freshwater Fishes of The Indian Region* : 131-132.

Material : 1 ex., 175 mm SL., F.1944, 6.4.1986, M.P.R. Dam.

Distribution : India : Northern India, introduced into the rivers of Peninsular India. Pakistan, Bangladesh, Nepal, Myanmar.

Remarks : Inhabits rivers, lakes and ponds. It grows upto 182.0 cm TL. It is an important food fish and stocked in the reservoirs of Mylavaram Dam and M.P.R. reservoirs. Specimens upto 1 1/2 meters were observed at Mylavaram Dam reservoir, when they were caught.

41. *Labeo angra* Hamilton*

1807. *Cyprinus angra* Hamilton, *Fish. Ganges* : 331, 391 (Type locality : River Brahmaputra).

1999. *Labeo angra*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 125.

1999. *Labeo angra*, Jayaram, *The Freshwater Fishes of The Indian Region* : 133 & 137.

Material : 26 exs., 48-61 mm SL, F.1895, 22.3.1983, Penna Badvel.

Distribution : India : Northern India. Nepal, Bangladesh, Myanmar. This is a new record to Pennar River further South.

Remarks : It grows to 22.0 cm TL.

42. *Labeo ariza* (Hamilton)

1878. *Cyprinus ariza* Hamilton, *Journey Mysore* : 3 : 344, pl. 31 (Type locality : River Bhavani).

1999. *Labeo ariza*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 126.

1999. *Labeo ariza*, Jayaram, *The Freshwater Fishes of The Indian Region* : 133 & 136.

Material : 3 exs., 65-74 mm SL, F.1155, 24.3 1983, Khandapuram; 1 ex., 128 mm SL, F.1170, 7.4.1986, M.P.R. Dam; 10 exs., 68-85 mm SL, F.1350, 2.5.1986, Sangam.

Distribution : India : Peninsular India : Cauvery system.

Remarks : It grows to 22.0 cm TL.

43. *Labeo bata* (Hamilton)

1822. *Cyprinus bata* Hamilton, *Fish. Ganges* : 283, 386 (Type locality : Bengal).

1999. *Labeo bata*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 126-127.

1999. *Labeo bata*, Jayaram, *The Freshwater Fishes of The Indian Region* : 133 & 136.

Material : 2 exs., 70-80 mm SL., 8.4.1986, M.P.R. Dam.

Distribution : India : throughout except Kerala. Introduced into Bangladesh and Nepal.

Remarks : Inhabits rivers, ponds, tanks and "Bheries" It grows to 61.0 cm TL.

44. *Labeo boga* (Hamilton)

1822. *Cyprinus boga* Hamilton, *Fish. Ganges* : 286, 386, pl. 28, fig. 80 (Type locality : R. Brahmaputra).

1999. *Labeo boga*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 127-128.

1999. *Labeo boga*, Jayaram, *The Freshwater Fishes of The Indian Region* : 133 & 136.

Material : 1 ex., 84 mm SL, F.1273, 10.3.1983, Chennur; 3 exs., 60-83 mm SL, F.2013, 28.3.1983, Nellore Anicut; 2 exs., 48-117 mm SL, F.955, F.1971, 8.4.1986, M.P.R. Dam; 6 exs., 69-73 mm SL, F.1471, 25.4.1986, Rajupalem; 22 exs., 56-81 mm SL, F.1343, F.1796, 26.4.1986, Somasila; 23 exs., 51-82 mm SL, F.1843, 28.4.1986, Somasila; 7 exs., 66-104 mm SL, F.2055, 29.4.1986, Kullur Road; 4 exs., 76-84 mm SL, F.1478, 2.5.1986, Sangam.

Distribution : India : Throughout India except western face of Western Ghats. Pakistan. Bangladesh. Nepal. Myanmar.

Remarks : Inhabits large rivers and their tributaries. Grows to 30.0 cm TL.

45. *Labeo boggut* (Sykes)

1841. *Chondrostoma boggut* Sykes, *Trans. Zool. Soc. Lond.*, 2 : 359 (Type locality : Dukhun waterways).

1999. *Labeo boggut*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 128-129.

1999. *Labeo boggut*, Jayaram, *The Freshwater Fishes of The Indian Region* : 133 & 135.

Material : 2 exs., 75-90 mm SL. 8.4.1986, M.P.R. Dam.

Distribution : India : Earlier distribution is in North India upto Cauvery river system. Bangladesh.

Remarks : It inhabits the upper reaches of rivers and grows in ponds. Attains a length of 29.0 cm TL.

46. *Labeo calbasu* (Hamilton)

1822. *Cyprinus calbasu* Hamilton, *Fish. Ganges* : 297, 389, pl. 2, fig. 33 (Type locality : Bengal).

1999. *Labeo calbasu*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 129-130.

1999. *Labeo calbasu*, Jayaram, *The Freshwater Fishes of The Indian Region* : 133 & 136.

2000. *Labeo calbasu*, Jayaram & Dhas, *Rec. Zool. Surv. India, Occ. pap. No. 183* : 83-87.

Material : 2 exs., 103-114 mm SL., F.1156, 15.3.1983, Cuddapah; 4 exs., 100-110 mm SL., F.1154, 24.3.1983, Khandapuram; 1 ex., 165 mm SL., F.1593, 28.6.1983, Mylavaram Dam; 1 ex., 74 mm SL., F.942, 7.4.1986, M.P.R. Dam; 1 ex., 83 mm SL, F.1472, 25.4.1986, Rajupalem; 1 ex., 51 mm SL, F.1344, 26.4.1986, Somasila; 1 ex., 72 mm SL, 29.4.1986, Kullur Road; 2 exs., 76-85 mm SL, F.1480, 2.5.1986, Sangam; 2 exs., 58-114 mm SL, F.1327, F.1748, 6.5.1986, Jonnawada. 1 ex., 148 mm SL, G.1757, 6.4.1986, M.P.R. Dam; 1 ex., 68 mm SL, 29.4.1986, Kullur Road; 1 ex., 63 mm SL, F.1793, 6.5.1986, Jonnawada.

Distribution : India : Throughout. Pakistan, Bangladesh, Nepal, Myanmar, Thailand, South West China.

Remarks : It is an important food and game fish and is introduced throughout India. Grows upto 90.0 cm TL. Inhabits rivers above tidal reach and ponds.

47. *Labeo fimbriatus* (Bloch)

1797. *Cyprinus fimbriatus* Bloch, *Ichth. Hist. Nat. Poiss.*, 12 : 50, pl. 409 (Type locality : Madras).

1999. *Labeo fimbriatus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 132-133.

1999. *Labeo fimbriatus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 134-136.

Material : 1 ex., 74 mm SL, F.1275, 10.3.1983, Chennur; 1 ex., 185 mm SL, F.2136, 11.3.1983, Siddhavatam; 1 ex., 63 mm SL, F.953, 13.3.1983, North canal, Mylavaram Dam; 1 ex., 140 mm SL, F.1784, 17.3.1983, Somasila Dam; 2 exs., 48-62 mm SL, F.965, 23.6.1983, Sarava canal, Kaluvoya; 2 exs., 95-100 mm SL, F.1596, 24.6.1983, Mylavaram Dam; 2 exs., 87-88 mm SL, F.1390, 25.6.1983, Mylavaram Dam; 1 ex., 168 mm SL, F.1669, 30.6.1983, Mylavaram Dam; 3 exs., 76-93 mm SL, F.941, 7.4.1986, M.P.R. Dam; 2 exs., 86 mm SL, F.1326, 15.4.1986, Lingampalli; 1 ex., 107 mm SL, F.1924, 23.4.1986, Sarava canal, Kaluvoya; 3 exs., 86-95 mm SL, F.2056, 29.4.1986, Kullur Road; 3 exs., 86-133 mm SL, F.1326, F.2005, 6.5.1086. Jonnawada.

Distribution : India : Throughout, except west face of Western Ghats. Pakistan, Myanmar, Bangladesh.

Remarks : It attains a length of 91.0 cm TL. It is a major fishery at M.P.R. Dam and Mylavaram Dam.

48. *Labeo gonius* (Hamilton)

1822. *Cyprinus gonius* Hamilton, *Fish. Ganges* : 292, fig. 38 (Type locality : Bengal).

1999. *Labeo gonius*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 133-134.

1999. *Labeo gonius*, Jayaram, *The Freshwater Fishes of The Indian Region* : 134-135.

Material : 2 exs., 200-300 mm SL., 25.6.1983, Mylavaram Dam.

Distribution : India : Northern India extending upto Krishna River system. Pakistan, Bangladesh, Myanmar.

Remarks : Grows upto 1.5 m TL. Inhabits rivers and culture ponds.

49. *Labeo pangusia* (Hamilton)

1822. *Cyprinus pangusia* Hamilton, *Fish. Ganges* : 285, 386 (Type locality : River Kosi).

1999. *Labeo pangusia*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 135-137.

1999. *Labeo pangusia*, Jayaram, *The Freshwater Fishes of The Indian Region* : 134 & 137.

Material : 2 exs., 122-130 mm SL, F.1161, 11.3.1983, Siddhavatam.

Distribution : India : Mostly Northern India and in south as far as Cauvery. Pakistan, Nepal, Bangladesh.

Remarks : It grows upto 90.0 cm in TL. Inhabits active currents of the large streams and rivers in the upper reaches. Vulnerable.

50. *Labeo porcellus* (Heckel)

1844. *Tylognathus porcellus* Heckel in *Hugels Kashmir*, 4 : 385. (Type locality : Bombay)

1999. *Labeo porcellus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 137-138.

1999. *Labeo porcellus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 134-135.

Material : 1 ex., 67 mm SL, F.1276, 10.3.1983, Chennur.

Distribution : India : Deccan : Godavary and Krishna drainage system. Sri Lanka.

Remarks : Grows upto 30.0 cm TL. Inhabits large streams and rivers in the upper reaches. Vulnerable.

51. *Labeo potail* (Sykes)

1841. *Cypinus potail* Sykes, *Trans. zool. Soc. London*, **2** : 354 (Type Locality : Bhima River, Maharashtra).

1999. *Labeo potail*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 137.

1999. *Labeo potail*, Jayaram, *The Freshwater Fishes of The Indian Region* : 134-135.

Material : 2 exs., 120-150 mm SL., 19.4.1986.

Distribution : India : Deccan : Krishna and Tungabhadra drainage systems. This is a first report from Pennar River.

Remarks : It grows upto 30.0 cm TL. Inhabits rivers and streams in the upper reaches. Vulnerable.

52. *Labeo rohita* (Hamilton)

1822. *Cyprinus rohita* Hamilton, *Fish. Ganges* : 301, pl. 36, fig. 85 (Type locality : Gangetic provinces).

1999. *Labeo rohita*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 138-139.

1999. *Labeo rohita*, Jayaram, *The Freshwater Fishes of The Indian Region* : 134 & 136.

Material : 1 ex., 74 mm SL., F.963, 15.3.1983, Cuddapah; 2 exs., 58-65 mm SL., F.1352, 2.5.1986, Sangam.

Distribution : India : North India, introduced into Peninsular India. Pakistan, Bangladesh, Nepal, Myanmar.

Remarks : It grows upto 91.0 cm TL. Inhabits rivers and culture ponds. It is chiefly used in stocking tanks and reservoirs. It is stocked in Mylavaram Dam and M.P.R. Dam and large specimens were observed at Mylavaram Dam. The largest specimen measured 90 cm weighing 7.5 Kg.

53. *Garra mullya* (Sykes)

1841 *Chondrostoma mullya* Sykes, *Trans. Zool. Soc. Lond.* **2** : 359, pl. 62, fig. 3. (Type locality : Bheema river at Dounde).

1999. *Garra mullya*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 148-150.

1999. *Garra mullya*, Jayaram, *The Freshwater Fishes of The Indian Region* : 154 & 157.

Material : 7 exs., 31-50 mm SL., F.1556, 19.3.1983, Pencilakona; 13 exs., 20-43 mm SL., F.2144, 29.6.1983, Gandikota; 1 ex., 85 mm SL., F.1969, 8.4.1986, M.P.R. Dam; 6 exs., 62-88 mm SL., F.1080, F.1291, F.1308, 9.4.1986, Pamidi; 1 ex., 65 mm SL, F.1349, 2.5.1986, Sangam.

Distribution : India : Throughout : More common in Peninsular India.

Remarks : It grows upto 17.0 cm SL. Inhabits mountain streams.

54. *Nemacheilus denisoni* Day

1867. *Nemacheilus denisoni* Day, *Proc. Zool. Soc. Lond.* P. 287 (Type locality : Bhawany River, base of Nilgiris).

1999. *Noemacheilus denisoni denisoni*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 170-171.0.

1999. *Schistura denisoni*, Jayaram, *The Freshwater Fishes of The Indian Region* : 181 & 188.

Material : 2 exs., 80-100 mm SL, 19.3.1983, Penchilakona; 2 exs., 85-95 mm SL., 17.5.1983, Gandikota.

Distribution : India : Peninsular India.

Remarks : It grows upto 5.0 cm SL. Inhabits clear, swift streams with pebbly bottom.

55. *Lepidocephalichthys thermalis* (Valenciennes)

1846. *Cobitis thermalis* Valenciennes, *Hist. nat. poiss.*, 18 : 78. (Type locality : Hot springs of Kanniya, E.P. Sri Lanka).

1999. *Lepidocephalus thermalis*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 164.

1999. *Lepidocephalus thermalis*, Jayaram, *The Freshwater Fishes of The Indian Region* : 216 & 218.

2010. *Lepidocephalichthys thermalis*, Havird & Page. *Copeia* (no. 1) : 137-159.

Material : 1 ex., 41 mm SL., F.933, 28.3.1983, Nellore anicut.

Distribution : India : Peninsular India. Sri Lanka.

Remarks : Grows up to 5.8 cm SL. Inhabits slow streams with sandy bottom.

56. *Rita kuturnee* (Skyles)

1839. *Phractocephalus kuturnee* Sykes, *Proc. Zool. Soc. Lond.*, 164. (River Bhima, Paigaoon).

1999. *Rita kuturnee*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 196-197.

Material : 1 ex., 300 mm SL., 7.4.1986, M.P.R. Dam.

Distribution : India : Peninsular India : Deccan river upto Krishna system.

Remarks : Several large sized specimens were found at M.P.R. Dam and Mylavaram Dam. Grows upto 30.0 cm TL. Inhabits large rivers.

57. *Sperata aor* (Hamilton)

1822. *Pimelodus aor* Hamilton, *Fish. Ganges* : 205, 379, pl. 20, fig. 68 (Type locality : Rivers of Bengal and in the upper parts of the Gangetic estuaries).

1999. *Aorichthys aor*, Jayaram, *The Freshwater Fishes of The Indian Region* : 241.

1999. *Sperata aor*, Ferraris & Runge, *Proc. Calif. Acad. Sci.*, **51**(1) : 397-424, 8, figs., 7 tables.

Material : 1 ex., F.1759, 6.4.1986, M.P.R. Dam.

Distribution : India : Ganga, Brahmaputra, Mahanadi, Narbada, Tapi, Yamuna, Krishna and Cauvery river systems. Pakistan, Myanmar, Bangladesh.

Remarks : Grows upto to 1.8 m TL. Inhabits large rivers, lakes and reservoirs. Several large specimens were observed at M.P.R. Dam and Mylavaram Dam. Vulnerable.

58. *Sperata seenghala* (Sykes)

1839. *Platystoma seenghala* Sykes, *Trans. Zool. Soc. Lond.*, **2** : 371, pl. 65, fig. 2. (Type locality : Mutha-Mula river, Poona).

1999. *Aorichthys seenghala*, Jayaram, *The Freshwater Fishes of The Indian Region* : 241.

1999. *Sperata seenghala*, Ferraris & Runge, *Proc. Calif. Acad. Sci.* **51**(1) : 397-424, 8, figs., 7 tables.

Material : 2 exs., 300-310 mm SL., 7.4.1986, M.P.R. Dam.

Distribution : India : Ganga, Yamuna, Brahmaputra, Krishna, Godavary and Cauvery river systems. Pakistan, Nepal, Bangladesh.

Remarks : Grows upto 1.5 m TL. Inhabits large rivers, canals, bheels and inundated fields. Vulnerable.

59. *Mystus bleekeri* (Day)

1877. *Macrones bleekeri* Day, *Fish India*, p. 451, pl. 101, fig. 1. (Type Locality : Sind, Jamna, upper waters of Ganges).

1999. *Mystus bleekeri*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 199- 200.

1999. *Mystus bleekeri*, Jayaram, *The Freshwater Fishes of The Indian Region* : 235-237.

Material : 1 ex., 105 mm SL., F.2075, 11.3.1983, Sidhavatam; 1 ex., 68 mm SL., F.952, 13.3.1983, North canal, Mylavaram Dam; 1 ex., 85 mm SL., F.1762, 15.3.1983, Cudapah; 2 exs., 90-105 mm SL., F.1392, 25.6.1983, Mylavaram Dam; 2 exs., 62-74 mm SL., F.937, 7.4.1986, M.P.R. Dam; 21 exs., 67-110 mm SL., F.1878, 8.4.1986, M.P.R. Dam; 19 exs., 66-87 mm SL., F.1044, 10.4.1986, M.P.R. Dam; 1 ex., 78 mm SL., F.1427, 15.4.1986, Lingampalli ; 2 exs., 53-70 mm SL., F.1023, 25.4.1986, Rajupalem; 4 exs., 51-58 mm SL., F.1031, F.1841, 28.4.1986, Somasila; 1 ex., 90 mm SL., F.1813, 5.5.1986, Buckingham canal, Nellore.

Distribution : India : Generally confined to North India, the southernmost limit being the Mahanadi Headwaters. Commonly found upto West Bengal only. Pakistan, Nepal, Bangladesh.

Remarks : Grows upto 13.5 cm TL. Inhabits upper reaches of rivers.

60. *Mystus cavasius* (Hamilton)

1822. *Pimelodus cavasius* Hamilton, *Fish. Ganges* : 203, 379, pl. 11, fig. 67 (Type locality : Gangetic Provinces).

1999. *Mystus cavasius*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 200-201.

1999. *Mystus cavasius*, Jayaram, *The Freshwater Fishes of The Indian Region* : 235 & 237.

Material : 1 ex., 63 mm SL., F.951, 13.3.1983, North canal, Mylavaram Dam; 2 exs., 68-85 mm SL., F.1606, 15.3.1983, Cuddapah; 6 exs., 72-110 mm SL., F.2230, 17.3.1983, Somasila Dam; 2 exs., 72-90 mm SL., F.2142, 23.3.1983, Sarava, Kaluvoya; 4 exs., 82-115 mm SL., F.2139, 25.3.1983, Sangam; 2 exs., 55-83 mm SL., F.2240; 26.3.1983, Nellore Tank; 1 ex., 90 mm SL., F.1598, 30.6.1983, Mylavaram Dam; 2 exs., 56-65 mm SL., F.936, 7.4.1986, M.P.R. Dam; 1 ex., 84 mm SL., F.1081, 9.4.1986, Pamidi; 3 exs., 86-113 mm SL., F.1043, 10.4.1986, M.P.R. Dam; 2 exs., 96 mm SL., F.1426, 15.4.1986, Lingampalli, 10 exs., 90-128 mm SL., F.1819, 16.4.1986, Gangavaram; 3 exs., 104-152 mm SL., F.1925, 19.4.1986, Chennur; 1 ex., 67 mm SL., F.1024, 25.4.1986, Rajupalem; 15 exs., 66-96 mm SL., F.1341, 26.4.1986, Somasila; 3 exs., 70-84 mm SL., F.1356, F.1475, 2.5.1986, Sangam; 18 exs., 81-117 mm SL., F.1325, F.1791, 6.5.1986, Jonnawada.

Distribution : India : Throughout. Pakistan, Bangladesh, Nepal, Myanmar, Thailand, Malaya, Java, Borneo, Sumatra.

Remarks : Grows upto 46.0 cm TL. Inhabits freshwater tidal rivers and lakes.

61. *Mystus keletius* (Valenciennes)*

1839. *Bagrus keletius* Valenciennes, *Hist. Nat. Poiss.*, 14 : 411 (Type locality : Pondicherry, South India).

1999. *Mystus keletius*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 202-203.

1999. *Mystus keletius*, Jayaram, *The Freshwater Fishes of The Indian Region* : 236 & 238.

Material : 13 exs., 50-63 mm SL., F.1827, 28.3.1983, Nellore Anicut.

Distribution : India : Peninsular India : Tamil Nadu, Karnataka. Sri Lanka. New report to Pennar River in Andhra Pradesh.

Remarks : Grows upto 12.5 cm TL. Inhabits slow moving rivers, tanks and ponds in the plains. Commonly in muddy pools and tanks.

62. *Mystus montanus* (Jerdon)

1849. *Bagrus montanus* Jerdon, *Madras J. Lit. Sci.*, **15** : 337 (Type locality : Manantoddy, Wynaad Kerala).

1999. *Mystus montanus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 204-205.

1999. *Mystus montanus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 236 & 238.

Material : 40 exs., 47-87 mm SL., F.1779, 29.3.1983, Sangam; 1 ex., 57 mm SL., F.2004, 5.5.1983, Buckingham canal, Nellore.

Distribution : India : Kerala : Wyanad range of hills, Karnatka, Maharashtra, Madhya Pradesh and Assam.

Remarks : Grows upto 15.0 cm TL. Inhabits freshwaters and estuaries.

63. *Mystus oculatus* (Valenciennes)*

1839. *Bagrus oculatus* Valenciennes (in C & V), *Hist. Nat. Poiss.*, **14** : 242 (Type locality : Malabar).

1999. *Mystus oculatus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 205-206.

1999. *Mystus oculatus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 236 & 237.

Material : 4 exs., 66-90 mm SL., F.2241, 26.3.1983, Nellore Tank; 1 ex., 63 mm SL., F.938, 7.4.1986, M.P.R. Dam; 3 exs., 65-85 mm SL., F.2261, 4.5.1986, Road Bridge, Nellore; 14 exs., 60-80 mm SL., F.1145, 5.5.1986, Buckingham canal.

Distribution : India : Kerala and Tamil Nadu. New report to Pennar River in A.P.

Remarks : Grows upto 15.0 cm TL. Inhabits rivers and streams.

64. *Mystus vittatus* (Bloch)

1797. *Silurus vittatus* Bloch, *Ichth., Hist. Nat.* **11** : 40, pl. 371, fig. 2. (Type locality : Tranquebar, South India).

1999. *Mystus vittatus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, **175** : 207-208.

1999. *Mystus vittatus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 236-238.

Material : 4 exs., 50-92 mm SL., F.2140, 23.3.1983, Savara, Kaluvoya; 3 exs., 66-85 mm SL., F.1879, 8.4.1986, M.P.R. Dam; 58 exs., 29.4.1986, Kullar Road; 17 exs., 50-66 mm SL., F.1338, 4.5.1986, Road Bridge; 41 exs., 49-70 mm SL., F.1329, 8.5.1986, Buckingham canal, Nellore.

Distribution : India : Throughout. Sri Lanka, Bangladesh, Myanmar, Nepal, Pakistan, Thailand.

Remarks : Grows upto 21.0 cm TL. Inhabits rivers, streams, ponds and lakes in the plains and submontane regions with muddy substratum. Venkateswarlu and Mahajan (1994) have discussed about this species in detail.

65. *Ompok bimaculatus* (Bloch)

1797. *Silurus bimaculatus* Bloch, *Hist. Nat. Poiss.*, part 2 : 17, pl. 364 (Type locality : Malabar).

1999. *Ompok bimaculatus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 216- 217.

1999. *Ompok bimaculatus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 244-245.

Material : 1 ex., 183 mm SL., 5.3.1983, Cuddapah; 1 ex., 225 mm SL., F.1831, 24.6.1983, Mylavaram Dam; 3 exs., 120-122 mm SL., F.1597, 30.6.1983, Mylavaram Dam; 1 ex., 250 mm SL., F.1758, 6.4.1986, M.P.R. Dam.

Distribution : India : Throughout. Sri Lanka, Pakistan, Bangladesh, Myanmar, Malay Archipelago, Thailand, China (Yunnan).

Remarks : Grows upto 45.0 cm TL. Inhabits shallow rivers and ponds with muddy or sandy bottom in the plains and submontane regions.

66. *Wallago attu* (Bloch & Schneider)

1801. *Silurus attu* Schneider, *Syst. Ichth.* 378, pl. 75 (Type locality : Malabar).

1999. *Wallago attu*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 214-215.

1999. *Wallago attu*, Jayaram, *The Freshwater Fishes of The Indian Region* : 246.

Material : 1 ex., 333 mm SL., F.1513, 18.3.1983, Siddhavatam.

Distribution : India, Sri Lanka, Afghanistan, Pakistan, Bangladesh, Myanmar, Thailand, Indonesia.

Remarks : Commonly known as fresh water shark, it grows upto 2 m TL. Inhabits large rivers and estuaries with muddy or silty substrate, also tanks and reservoirs. Large specimens were found at M.P.R. Dam and Mylavaram Dam : maximum observed weight and length (5 kg at 110 cm).

67. *Neotropius atherinoides* (Bloch)

1794. *Silurus atherinoides* Bloch, *Naturges Ausland Fische*, 8 : 48, pl. 371, Fig. 1 (Type locality : Tranquebar).

1999. *Pseudeutropius atherinoides*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 227-228.

2010. *Neotropius atherinoides*, Jayaram, *The Freshwater Fishes of The Indian Region* 2nd Edition : 289.

Material : 6 exs., 53-63 mm SL., F.1608, 15.3.1983, Cuddapah; 1 ex., 63 mm SL., F.2239, 26.3.1983, Road Bridge, Nellore; 1 ex., 70 mm SL., F.1808, 23.6.1983, Mylavaram Dam; 1 ex., 70 mm SL., F.1380, 28.6.1983, Mylavaram Dam; 4 exs., 87-90 mm SL, F.1599, 30.6.1983, Mylavaram Dam; 4 exs., 56-77 mm SL, F.1347, F.1801, 26.4.1986, Somasila.

Distribution : India : Throughout except Kerala. Pakistan, Nepal, Bangladesh, Myanmar.

Remarks : It grows upto 15.0 cm TL. Inhabits rivers and estuaries.

68. *Neotropius khavalchor* Kulkarni*

1952. *Neotropius khavalchor* Kulkarni, *Rec. Indian Mus.* **49**(3 & 4) : 231 & 232, Figs. 1 & 2 (Type locality : Krishna river near Islampur, Satara Dist., Panchaganga river near Kolhapur).

1999. *Neotropius khavalchor*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 228-229.

1999. *Neotropius khavalchor*, Jayaram, *The Freshwater Fishes of The Indian Region* : 256.

Material : 2 exs., 78-84 mm SL., F.935, 7.4.1986, M.P.R. Dam.

Distribution : This monotypic species has not been recorded since its original distribution by Kulkarni (1952) from Maharashtra. Only two specimens could be collected for the first time from Andhra Pradesh from M.P.R. Dam. This is a very valuable record. (Venkateswarlu and Indra, 1993).

Remarks : Grows upto 15.0 cm TL. Inhabits slow moving turbid streams. Rare.

69. *Eutropiichthys goongwaree* (Sykes)

1838. *Hypophthalmus goongwaree* Sykes, *Proc. Zool. Soc. Lond.*, p. 163 (Type locality : Mutha- Mula River at Poona, Dukhun).

1999. *Eutropiichthys goongwaree*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 224.

1999. *Eutropiichthys goongwaree*, Jayaram, *The Freshwater Fishes of The Indian Region* : 260.

Material : 2 exs., 70-80 mm SL., 28.6.1983, Mylavaram Dam.

Distribution : India : Southern India: Andhra Pradesh and Maharashtra.

Remarks: It attains a length of 30.0 cm TL. Inhabits rivers and canals.

70. *Nangra itchkeea* (Sykes)*

1839. *Phractocephalus itchkeea*, Sykes, *Proc. Zool. Soc. Lond.*, (6), Pl 64 (Type locality : Deccan).

1999. *Gagata itchkeea*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 236-237.

1999. *Nangra itchkeea*, Jayaram, *The Freshwater Fishes of The Indian Region* : 276 & 277.

Material : 3 exs., 31 mm SL., 15.4.1986, Lingampalli.

Distribution : India : Peninsular India: Maharashtra, Karnataka. This species was first reported from Pennar River, Andhra Pradesh by Rema Devi & Indra, (2006).

Remarks : Grows upto 5.0 cm TL. Inhabits rapid flowing streams of the higher reaches of rivers.

71. *Clarias magur* (Hamilton)

1758. *Silurus batrachus* Linnaeus, *Syst. Nat. 1 st. ed.* 10 : 305 (Type locality : Assam and Africa).

1999. *Clarius batrachus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 260.

1999. *Clarius batrachus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 302 & 303.

2008. *Clarius magur*, Ng & Kottelat, *Zoological Journal of the Linnaean Society*, 153, 725-732, 4 figs.

Material : 3 exs., 120-200 mm SL., 26.3.1983, Nellore Tank.

Distribution : India, Pakistan, Nepal, Myanmar, Bangladesh, Indonesia, Singapore, Borneo, Philippines.

Remarks : Grows upto 46.0 cm TL. Inhabits, stagnant and slow moving muddy waters in the plains and submontaine regions.

72. *Heteropneustes fossilis* (Bloch)

1794 *Silurus fossilis* Bloch, *Ichth. Hist. Nat. Poiss.*, 11 : 36, 370, fig. 2. (Type locality : Bengal).

1999. *Heteropneustes fossilis*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 262-263.

1999. *Heteropneustes fossilis*, Jayaram, *The Freshwater Fishes of The Indian Region* : 305-306.

Material : 2 exs., 110-188 mm SL., F.1943, 3.5.1986, Nellore Tank.

Distribution : India, Pakistan, Nepal, Bangladesh, Myanmar, Sri Lanka, Thailand, Laos.

Remarks : Grows upto 30.0 cm TL. Inhabits ponds, ditches, bheels, swamps, marshes and muddy rivers.

73. *Mugil cephalus* Linnaeus

1758. *Mugil cephalus* Linnaeus, *Syst. Nat.*, 1, ed. 10, p. 316 (Type locality : European seas).

1999. *Mugil cephalus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 327.

Material : 11 exs., 58-131 mm SL., F.1337, F.2259, 4.5.1986, Pennar Road Bridge, Nellore.

Distribution : Temperate and tropical seas, estuaries and some rivers.

Remarks : It attains atleast 90.0 cm TL. It is a good food fish.

74. *Macrogathus aral* (Bloch & Schneider)

1801. *Rhynchobdella aral* Bloch & Schneider, *Sys. Ichth.*, 478, pl. 89 (Type locality : Tranquebar, Tamil Nadu).

1999. *Macrogathus aral*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 301-302.

1999. *Macrogathus aral*, Jayaram, *The Freshwater Fishes of The Indian Region* : 358.

Material : 1 ex., 132 mm SL., F.1557, 22.3.1983, Penna Badvel; 1 ex., 190 mm SL., F.1268, 23.3.1983, Sarava, Kaluvoya; 2 exs., 137-152 mm SL., F.1811, F.2003, 5.5.1986, Buckingham canal, Nellore; 1 ex., 173 mm SL., F.1749, 6.5.1986, Jonnawada.

Distribution : India, Nepal, Pakistan, Bangladesh, Sri Lanka, Myanmar, Thailand, Vietnam, Laos, Malaya, East Indies (Borneo & Mollucas).

Remarks : Grows upto 38.0 cm TL. Inhabits fresh and brackish waters and deltas of large rivers; common in tanks, ponds and slow flowing rivers with vegetations in the plains.

75. *Macrogathus pancalus* Hamilton

1822. *Macrogathus pancalus* Hamilton, *Fish. Ganges* : 30, 364 pl. 22, fig. 7 (Type locality : Bengal).

1999. *Macrogathus pancalus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 302-303.

1999. *Macrogathus pancalus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 258.

Material : 1 ex., 100 mm SL., F.1812, 5.5.1986, Buckingham Canal.

Distribution : India, Pakistan, Bangladesh.

Remarks : It grows upto 18.0 cm TL. Inhabits freshwater rivers of plains and estuaries.

76. *Mastacembelus armatus* (Lacepede)

1800. *Mastacembelus armatus* Lacepede, *Hist. Nat. Poiss.*, 2 : 286 (Type locality : not known).

1999. *Mastacembelus armatus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 303-304.

1999. *Mastacembelus armatus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 359-360.

Material : 1 ex., 300 mm SL., F.2318, 11.3.1983, Siddhavatam; 1 ex., 182 mm SL., F.1750, 6.5.1986, Jonnawada.

Distribution : India, Nepal, Pakistan, Bangladesh, Myanmar, Sri Lanka, Thailand, Malaya to south China.

Remarks : It grows upto 60.0 cm TL. Inhabits streams and rivers with sandy, pebbly or rocky substrate.

77. *Chanda nama* Hamilton

1822. *Chanda nama* Hamilton, *Fish. Ganges* : 109, 371, pl. 39, fig. 37 (Type locality : N.E. Bengal).

1999. *Chanda nama*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 283- 284.

1999. *Chanda nama*, Jayaram, *The Freshwater Fishes of The Indian Region* : 369.

Material : 1 ex., 42 mm SL., F.968, 10.3.1983, Chennur; 1 ex., 60 mm SL., F.1763, 15.3.1983, Cuddapah; 3 exs., 45-61 mm SL., F.1807, 23.6.1983, Mylavaram Dam; 1 ex., 46 mm SL., F.1664, 24.6.1983, Mylavaram Dam; 4 exs., 38-45 mm SL., F.945, 7.4.1986, M.P.R. Dam; 5 exs., 43-52 mm SL., F.1026, F.1473, 25.4.1986, Rajupalem; 12 exs., 41-65 mm SL., F.1030, F.1840, 28.4.1986, Somasila; 1 ex., 54 mm SL., F.2057, 29.4.1986, Kullur Road.

Distribution : India, Pakistan, Bangladesh, Myanmar, Nepal.

Remarks : It grows upto 11.0 cm TL. Inhabits fresh and brackish stagnant and running waters.

78. *Parambassis ranga* (Hamilton)

1822. *Chanda ranga* Hamilton, *Fish. Ganges* : 113, 371, pl. 6. fig. 38 (Type locality : Gangetic provinces).

1999. *Pseudambassis ranga*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No.*, 175 : 285-286.

1999. *Parambassis ranga*, Jayaram, *The Freshwater Fishes of The Indian Region* : 370.

Material : 9 exs., 42-68 mm SL., F.1150, 14.3.1983, Sitarampuram; 2 exs., 57-74 mm SL., F.1764, 15.3.1983, Cuddapah; 7 exs., 28-57 mm SL., F.1486, 24.3.1983,

Khandapuram; 145 exs., 35-62 mm SL., F.1945, 26.3.1983, North canal, Mylavaram Dam; 663 exs., 26-68 mm SL., F.1038, F.1165, F.1423, F.1958, 26.6.1983, North canal, Mylavaram Dam; 654 exs., 23-84 mm SL., F.1026, F.1935, F.1947, F.2012, 27.6.1983, North canal, Mylavaram Dam; 2 exs., 32-36 mm SL., F.1383, 28.6.1983, Mylavaram Dam; 5 exs., 42-61 mm SL., F.1345, F.1799, 26.4.1986, Somasila.

Distribution : India, Pakistan, Bangladesh, Myanmar, Malaysia, Thailand.

Remarks : Grows upto 7.0 cm TL. Inhabits fresh and brackish waters.

79. *Etroplus maculatus* (Bloch)

1785. *Chaetodon maculatus* Bloch, *Syst. Ichth. Pl.* 427, fig.2. (Type locality : Not given).

1999. *Etroplus maculatus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 291-292.

1999. *Etroplus maculatus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 399-400.

Material : 1 ex., 45 mm SL., F.950, 13.3.1983, North canal, Mylavaram Dam; 2 exs., 48-62 mm SL., F.1760, 23.3.1983, Sarava, kaluvoya; 32 exs., 52-88 mm SL., F.2076, 24.3.1983, khandapuram; 1 ex., 75 mm SL., F.2325, 25.3.1983, Sangam; 6 exs., 23-69 mm SL., F.2152, F.2227, 26.3.1983, Nellore Tank; 7 exs., 40-55 mm SL., F.1963, 28.3.1983, Nellore Anicut; 4 exs., 38-46 mm SL., F.940, 7.4.1986, M.P.R. Dam; 5 exs., 35-65 mm SL., F.1968, 8.4.1986, M.P.R. Dam; 15 exs., 32-59 mm SL., F.1289, F.1303, 9.4.1986, Pamidi; 20 exs., 37-52 mm SL., F.1336, F.1975, 23.4.1986, Sarava, Kaluvoya; 176 exs., 37-59 mm SL., F.991, F.1301, F.1335, F.1817, 30.4.1986, Kaluvoya Tank; 12 exs., 48-61 mm SL., F.1296, 3.5.1986, Nellore Tank; 2 exs., 48-52 mm SL., F.1333, 4.5.1986, Road Bridge, Nellore; 2 exs., 57-67 mm SL., F.1146, 5.5.1986, Buckingham canal, Nellore.

Distribution : Peninsular India, Sri Lanka.

Remarks : It grows upto 8.0 cm TL. Inhabits coastal freshwater, common in paddy fields, tanks and occasionally in backwaters within the tidal influence.

80. *Glossogobius giuris* (Hamilton)

1822. *Gobius giuris* Hamilton, *Fish. Ganges*, 51, 366, pl. 33, fig. 15 (Type locality : Gangetic provinces).

1999. *Glossogobius giuris*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 294-295.

1999. *Glossogobius giuris*, Jayaram, *The Freshwater Fishes of The Indian Region* : 413-414.

Material : 3 exs., 85-140 mm SL., F.1270, F.1973, 10.3.1983, Chennur; 8 exs., 111-180 mm SL., F.1778, F.2077, 11.3.1983, Siddhavatam; 3 exs., 105-115 mm SL., F.1962,

12.3.1983, Mylavaram Dam; 1 ex., 100 mm SL., F.860, 15.3.1983, Cuddapah; 1 ex., 140 mm SL., F.1826, 17.3.1983, Somasila Dam; 6 exs., 70-120 mm SL., F.1474, 22.3.1983, Penna Badvel; 1 ex., 142 mm SL., F.1042, 25.3.1983, Sangam; 12 exs., 50-105 mm SL., F.1753, 29.3.1983, Sangam; 1 ex., 75 mm SL., F.2238, 30.3.1983, Road Bridge, Nellore; 1 ex., 137 mm SL., F.1384, 25.6.1983, Mylavaram Dam; 11 exs., 110-160 mm SL., F.2210, 27.6.1983, North canal, Mylavaram Dam; 5 exs., 58-67 mm SL., F.934, 7.4.1986, M.P.R. Dam; 7 exs., 70-186 mm SL., F.1967, 8.4.1986, M.P.R. Dam; 1 ex., 195 mm SL., F.1964, 10.4.1986, M.P.R. Dam; 2 exs., 42-102 mm SL., F.1482, 15.4.1986, Lingampalli; 1 ex., 90 mm SL., F.1952, 18.4.1986, Mylavaram Dam; 1 ex., 105 mm SL., F.1926, 19.4.1986, Chennur; 4 exs., 96-122 mm SL., F.1020, F.1470, 25.4.1986, Rajupalam; 2 exs., 103-120 mm SL., F.2054, 29.4.1986, Kullur Road; 4 exs., 80-103 mm SL., F.1348, F.1476, 3.5.1986, Sangam; 3 exs., 91-117 mm SL., F.1295, F.1941, 3.5.1986, Nellore Tank.

Distribution : East coast of Africa, India, Sri Lanka, Pakistan, Bangladesh, Andamans, Malay Peninsula, Thailand, China, Japan, Philippines, Australia, Indo-Australian Archipelago, South Pacific Islands.

Remarks : Grows upto 30.0 cm TL. Inhabits all freshwater and brackishwater habitats.

81. *Awaous guamensis* (Valenciennes)

1842. *Gobius stamineus* Valenciennes, *Zool. Voy. Bonite*, p. 179, pl. 5, Fig. 5 (Type locality : Hawaiian Islands).

1941. *Awaous stamineus*, Koumans, *Mem. Indian Museum*, vol. 13, p. 252-253.

1992. *Awaous guamensis*, Watson, *Ichthyol. Explor. Freshwaters*, v. 3(2) : 161-176.

Material : 2 exs., 82-84 mm SL., F.1795, 26.4.1986, Somasila.

Distribution : India, Philippines, Indo-Australian Archipelago, Hawaii Is.

Remarks : It is a rare gobiid fish. It grows upto a length of 17.0 cm TL. Inhabits brackish, marine and freshwaters.

82. *Channa marulius* (Hamilton)

1822. *Ophiocephalus marulius*, Hamilton, *Fish. Ganges* : 65, 367, pl. 17. fig. 9 (Type locality : River Ganges).

1999. *Channa marulius*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 273-274.

1999. *Channa marulius*, Jayaram, *The Freshwater Fishes of The Indian Region* : 446-447.

Material : 2 exs., 300-310 mm SL., 26.3.1983, Nellore Tank.

Distribution : India, Pakistan, Nepal; Bangladesh, Myanmar, Sri Lanka, Thailand, Sumatra, Borneo, China.

Remarks : Grows upto a length of 1.2 m TL. Inhabits deep pools in streams, rivers and large lakes.

83. *Channa gachua* (Hamilton)

1822. *Ophiocephalus gachua* Hamilton, *Fish. Ganges* : 68, 367, pl. 17. fig. 9 (Type locality : Ponds and ditches of Bengal).

1991. *Channa gachua*, Pethiyagoda, *The Freshwater Fishes of Sri Lanka*. The Wildlife Heritage Trust of Sri Lanka, xiii+362 pp.

1999. *Channa gachua*, Ng, Ng & Britz. *J. South Asian Nat. Hist.*, 4(1) : 57-63.

2000. *Channa gachua*, Jayaram, *The Freshwater Fishes of The Indian Region* : 508-509.

Material : 17 exs., 78-152 mm SL., F.1810, F.2002, 5.5.1986, Buckingham canal, Nellore.

Distribution : India, Afghanistan, Borneo, Iran, Bangladesh, Malaysia, Myanmar, Nepal, Pakistan, Sri Lanka, Thailand, Malay Archipelago.

Remarks : It grows upto 33.0 cm TL. Inhabits freshwater streams and ponds of plains to those in very high elevations; also tolerant of poorly oxygenated stagnant dirty ponds.

84. *Channa punctatus* (Bloch)

1793. *Channa punctatus* Bloch, *Natur. Aus. Fische*, 7 : 139, pl. 358 (Type locality : Coromandal coast).

1999. *Channa punctatus*, Menon, *Check list-Fresh water Fishes of India*. *Rec. zool. Surv. India, Occ. Paper No.*, 175 : 276-277.

1999. *Channa punctatus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 446-447.

Material : 2 exs., 32-57 mm SL., F.962, 15.3.1983, Cuddapah; 2 exs., 51-91 mm SL., F.1900, F.2146, 22.3.1983, Penna Badvel; 2 exs., 80-125 mm SL., F.2151, 23.3.1983, Sarava, Kaluvoya 2 exs., 101-111 mm SL., F.1271, 24.3.1983, Chennur; 6 exs., 87-165 mm SL., F.2242, 26.3.1983, Nellore Tank; 2 exs., 87-155 mm SL., F.1836, 28.3.1983, Nellore Anicut; 4 exs., 103-165 mm SL., F.1929, 19.4.1986, Chennur; 2 exs., 80-119 mm SL., F.992, 30.4.1986, Kaluvoya Tank; 1 ex., 83 mm SL., F.1357, 2.5.1986, Sangam; 1 ex., 133 mm SL., F.1942, 3.5.1986, Nellore Tank; 8 exs., 84-160 mm SL., F.1809, F.2001, 5.5.1986, Buckingham canal, Nellore.

Distribution : India, Afghanistan, Pakistan, Bangladesh, Myanmar, Sri Lanka, Yunan.

Remarks : Grows upto 31.0 cm TL. Inhabits large freshwater tanks and swamps of the plains.

85. *Channa striatus* (Bloch)

1791. *Ophiocephalus striatus* Bloch, *Natur. Aus. Fische*, 2 : 141, pl. 359 (Type locality : Malabar).

1999. *Channa striatus*, Menon, *Check list-Fresh water Fishes of India. Rec. zool. Surv. India, Occ. Paper No., 175* : 277-278.

1999. *Channa striatus*, Jayaram, *The Freshwater Fishes of The Indian Region* : 446-447.

Material : 1 ex., 63 mm SL., F.961, 15.3.1983, Cuddapah; 251 exs., 18-86 mm SL., F.1045, F.2145, 18.3.1983, Khandapuram,

Distribution : India, Sri Lanka, Pakistan, Nepal, Bangladesh, Myanmar, Malay-Archipelago, Thailand upto Philippines.

Remarks : Grows upto a length of 75.0 cm TL. Inhabits freshwater ponds, streams and rivers, preferring stagnant and muddy water of the plains.

SUMMARY

The paper deals with the ichthyofauna of River Pennar based on four extensive surveys to Anantapur, Cuddapah, Kaluvoya and Nellore Districts during 1983-1986 by Late Shri T. Venkateswarlu. The study is of significance since not much is known about the ichthyofauna of the southern Eastern Ghats. A total of 4926 specimens were collected which were found to belong to 85 species under 16 families and 7 orders. This includes 10 new reports to Andhra Pradesh. Of significance is the report of the rare catfish *Neotropius khavalchor* Kulkarni after its original description.

ACKNOWLEDGEMENTS

We are thankful to the Director, Zoological Survey of India, Kolkata for providing necessary facilities.

Late Shri T. Venkateswarlu had wished to thank the fishery officials and also the general public for the overwhelming help during his four surveys not only for the collection of fishes but also for transport, accommodation etc. without which this work would not have been possible and to each one of them he owes his gratitude for their several courtesies and help.

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SCIENTIFIC, COMMON AND VERNACULAR NAMES

Scientific Name	Common Name	Telugu Name
<i>Chitala chitala</i> (Hamilton)	Humped feather back	Mangali katti
<i>Notopterus notopterus</i> (Pallas)	Featherback	Ulakathatta, Mangala katti
<i>Anguilla bengalensis</i> (Gray & Hardwicke)	Long Indian eel	Malugu, Malungulu
<i>Chela cachius</i> (Hamilton)	Chela	—
<i>Laubuca laubuca</i> (Hamilton)	Winged rasbora	—
<i>Aspidoparia morar</i> (Hamilton)	Aspidoparia	—
<i>Barilius bendelisis</i> (Hamilton)	Hill trout	—
<i>Devario aequipinnatus</i> (Mc Cl.)	Giant Danio	Parega
<i>Danio rerio</i> (Hamilton)	Zebra Fish, India	Chintaku parega
<i>Esomus danricus</i> (Hamilton)	Barb	Asta Pakke
<i>Rasbora daniconius</i> (Hamilton)	Common Rasbora	Narangi, Jobidayee
<i>Catla catla</i> (Hamilton)	Catla	Botchee, Bocha Krishna
<i>Cirrhina mrigala</i> (Hamilton)	Mrigal	Yerra mosa, Bellala mosu
<i>Cirrhina reba</i> (Hamilton)	Reba	Arju, Yerra thokamosu Eele mosu, Chittari, Chitthari
<i>Labeo ariza</i> (Hamilton)	Ariza labeo	Ariza
<i>Labeo bata</i> (Hamilton)	Bata	Mosu
<i>Labeo boga</i> (Hamilton)	Burmese fish	Mosu, Jamuna fish
<i>Labeo boggut</i> (Sykes)	Buggut lobeo	Nusigadu
<i>Labeo calbasu</i> (Hamilton)	Calbasu, orange	Kaki bontha, kaki finned Labeo gandi, kaki bocha, Nalla chithraya, Nalla gandu menu
<i>Labeo fimbriatus</i> (Bloch)	Fringe-lip-carp	Yerra gandu menu, Gandu menu
<i>Labeo gonius</i> (Hamilton)	Kuria labeo	Mosu

Scientific Name	Common Name	Telugu Name
<i>Labeo rohita</i> (Hamilton)	Rohu	Rohu, Mosu
<i>Osteobrama cotio</i> (Hamilton)	Cotio	—
<i>Osteobrama vigorsii</i> (Sykes)	Deccan cotio	Khira
<i>Puntius amphibius</i> (Valenciennes)	Scarlet banded barb	Pakki
<i>Puntius chola</i> (Hamilton)	Green barb	Chaddu paddaka, Pakki
<i>Puntius conchoniis</i> (Hamilton)	Stigma barb	Pakki
<i>Puntius kolus</i> (Sykes)	Kolus	Nilusu
<i>Puntius sarana</i> (Hamilton)	Olive carb	Kannaku, Kakoo, Ksdoon, Kunnamoo, Paraga, Goodha-Paraga, kanga pakki
<i>Puntius sophore</i> (Hamilton)	Stigma barb	Budda pakke, chedu parega
<i>Puntius ticto</i> (Hamilton)	Fire fin barb	Parigi
<i>Garra mullya</i> (Sykes)	Stone carb	Thati goraka
<i>Lepidocephalichthys thermalis</i> (Valenciennes)	Lesser loach	Asira
<i>Sperata aor</i> (Hamilton)	Long whiskered cat-fish	Thella jella, Muku jella
<i>Sperata seenghala</i> (Sykes)	Giant river cat-fish	Multi jellah, Seenghala, Nara jella, Keeru, jella
<i>Mystus cavasius</i> (Hamilton)	Dwarf catfish	Thella jella, Muti jella, Nahara jella
<i>Mystus vittatus</i> (Bloch)	Dwarf catfish	Suku jella, Erra jella
<i>Rita kuturnee</i> (Sykes)	Rita	Ponduga
<i>Ompok bimaculatus</i> (Bloch)	Butter catfish	Duka dumu, Theenuva
<i>Wallago attu</i> (Schneider)	Fresh water shark	Valaga, valuga, Wallagah
<i>Clarias magur</i> (Hamilton)	Air breathing cat fish	Marpulu, Marpoo, Marpu

Scientific Name	Common Name	Telugu Name
<i>Heteropneustes fossilis</i> (Bloch)	Stinging catfish	Ingilayee
<i>Neotropius khavalchor</i> Kulkarani	Khavalchor	—
<i>Channa marulius</i> (Hamilton)	Giant snake-head murrel	Poola malle, Poola, matta, Pula Chepa, Sowarah
<i>Channa gachua</i> (Hamilton)	Brown snake-head	Yerra matta, Kora matta, Burada matta, Tali matta
<i>Channa punctatus</i> (Bloch)	Green snake-head	Mitta, Matta gidasa, kodhadhalu, Curru menu, Muttha
<i>Channa striatus</i> (Bloch)	Striped snake-head	Korra menu, Burada matta, Mitta Savudalu, Sowarh
<i>Chanda nama</i> (Hamilton)	Glassy perchlet	Akkurati, Akurati
<i>Parambasis ranga</i> (Hamilton)	Indian glass Fish	Akurati
<i>Etroplus maculatus</i> (Bloch)	Pearl spot, Spotted etroplus	Burrakasu, Chilla kasu, Duvvena cheap
<i>Mugil cephalus</i> Linnaeus	Flat-head grey mullet	Kathi parega
<i>Awaous guamensis</i> (Valenciennes)	Scribbled goby	—
<i>Glossogobius giuris</i> (Hamilton)	Bar-eyed goby	Isika dondu, Bullee kokah
<i>Macrognathus aculeatus</i> (Bloch)	Lesser spiny eel Tire-track	Bommidai
<i>Mastacembelus armatus</i> (Lacepede)	Spiny eel	Mudi Bommidai
<i>Mastacembelus pancalus</i> Hamilton	Spiny eel Striped	Paraparaal