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## ON A COLLECTION OF FISH FROM BANGALORE AND KOLAR DISTRICTS, KARNATAKA

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### INTRODUCTION

In pursuance of the approved annual programme of work, two surveys have been conducted in Bangalore and Kolar districts during December 2001 and March 2002. A total of 2578 specimens under 15 families, 22 genera and allocated to 29 species have been collected and studied. Species have been identified following the guidelines of Day (1875–78), Talwar and Jhingran (1991), Jayaram (1999) and Menon (1999). There is paucity of reliable scientific information on the ichthyofaunal diversity of these districts and hence this work.

The systematic list includes relevant reference, material examined giving details of specimens collected, their length range, locality, date of collection and registration numbers, followed by details of distribution. Sample collections have been done by M. B. Raghunathan from 10.12.2001 to 29.12.2001 and S. Krishnan from 11.03.2002 to 29.03.2002.

### LIST OF FISHES

Order OSTEOGLOSSIFORMES

Family NOTOPTERIDAE

1. *Notopterus notopterus* (Pallas)

Order CYPRINIFORMES

Family CYPRINIDAE

Subfamily DANIONINAE

2. *Amblypharyngodon microlepis* (Bleeker)
3. *Danio aequipinnatus* (McCl.)

4. *Esomus danricus* (Hamilton)
5. *Esomus thermoicos* (Val.)
6. *Rasbora caverii* (Jerdon)
7. *Rasbora daniconius* (Hamilton)
8. *Rasbora labiosa* Mukerji

Family CYPRINIDAE

Subfamily CYPRININAE

9. *Cyprinus carpio communis* (Linnaeus)
10. *Cyprinus carpio specularis* (Linnaeus)
11. *Puntius bimaculatus* (Bleeker)
12. *Puntius conchoniis* (Hamilton)
13. *Puntius sophore* (Hamilton)

Family COBITIDAE

14. *Lepidocephalus thermalis* (Val.)

Order SILURIFORMES

Family BAGRIDAE

15. *Aorichthys aor* (Hamilton)
16. *Mystus cavasius* (Hamilton)
17. *Mystus montanus* (Jerdon)

Family SILURIDAE

18. *Ompok bimaculatus* (Bleeker)

Family CLARIIDAE

19. *Clarias batrachus* (Linnaeus)

Family HETEROPNEUSTIDAE

20. *Heteropneustes fossilis* (Bloch)

Order CYPRINODONTIFORMES

Family POECILIDAE

21. *Gambusia affinis* (Baird & Girard)
22. *Poecilia (Lebistes) reticulata* (Peters)

Family APLOCHEILIDAE

23. *Aplocheilus panchax* (Hamilton)

Order PERCIFORMES

Suborder GOBIOIDEI

Family GOBIIDAE

24. *Glossogobius giuris* (Hamilton)

Suborder LABROIDEI

Family CICHLIDAE

25. *Eetroplus suratensis* (Bloch)

26. *Oreochromis mossambica* (Peters)

Suborder CHANNOIDEI

Family CHANNIDAE

27. *Channa punctatus* (Bloch)

Suborder MASTACEMBELOIDEI

Family MASTACEMBELIDAE

28. *Mastacembelus armatus* (Lacepede)

Order MUGILIFORMES

Family MUGILIDAE

29. *Rhinomugil corsula* (Hamilton)

**SYSTEMATIC ACCOUNT**

Order OSTEOGLOSSIFORMES

Family NOTOPTERIDAE

1. *Notopterus notopterus* (Pallas)

1769. *Gymnotus notopterus* Pallas, *Spicil. Zool.*, 7 : 40, Pl. 6, fig. 2 (Type locality : ? Indian Ocean).

1991. *Notopterus notopterus*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 64.

*Material* : 1 ex., 118 mm SL, Suburban Bangalore, 12.3.2002, F.6985.

*Distribution* : India : Brahmaputra, Cauvery, Ganges, Godavari, Krishna, Mahanadi and other river systems in South India. Java. Malaysia. Myanmar. Sumatra. Thailand.

## Order CYPRINIFORMES

## Family CYPRINIDAE

## Subfamily DANIONINAE

2. *Amblypharyngodon microlepis* (Bleeker)

1853. *Leuciscus microlepis* Bleeker, *Verh. Batav. Genootsch. Kunst. Wet.*, **25** : (Type locality : Ganges river and Brahmaputra River).

1991. *Amblypharyngodon microlepis*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 337.

*Material* : 9 exs., 48–58 mm SL, Uyyampalli, 17.3.2002, F.6890; 11 exs., 36–59 mm SL, BEML Township, 22.3.2002, F.6904; 3 exs., 28–33 mm SL, Holasa Halli, 19.3.2002, F.6930; 28 exs., 38–74 mm SL, Uyyampalli, 17.3.2002, F.6941.

*Distribution* : India : Eastern and Southern India. Bangladesh. Both Talwar and Jhingran (1991) and Menon (1999) do not include the west face of Western Ghats and limit the distribution of the species to the eastern part of India and Bangladesh.

3. *Danio aequipinnatus* (McCl.)

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

1991. *Danio aequipinnatus*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 364.

*Material* : 1 ex., 49 mm SL, Bangalore, 28.12.2001, F.6864.

*Distribution* : India : Peninsular India. Bangladesh. Myanmar. Nepal. Sri Lanka. Thailand.

4. *Esomus danricus* (Hamilton)

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

1991. *Esomus danricus*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 377.

*Material* : 12 exs., 40–60 mm SL, Mullagat Highway, 22.3.2002, F.6915; 14 exs., 37–44 mm SL, Kambina Halli, 24.3.2002, F.6921; 1 ex. 38 mm SL, Kombalagodu, 14.3.2002, F.6972; 5 exs., 32–37 mm SL, Kolar-Mulbagal Highway, 22.3.2002, F.6975.

*Remarks* : This species, probably introduced through aquarium trade has recently been found in several water bodies.

*Distribution* : Throughout North India and in some parts of South India. Bangladesh. Myanmar. Nepal. Pakistan. Sri Lanka.

### 5. *Esomus thermoicos* (Val.)

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

1991. *Esomus thermoicos*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 378.

*Material* : 7 exs., 28–33 mm SL, Amerahalli Kere, 690 m, 12.12.2001, F.6872; 2 exs., 30–39 mm SL., Yelahanka, 800 m., 17.12.2001, F.6876; 43 exs., 47–68 mm SL, BEML Township outer, 22.3.2002, F.6903; 4 exs, 49–70 mm SL, BEML Township, 22.3.2002, F.6917; 3 exs. 41–42 mm SL, Jangankote, 24.3.2002, F.6949.

*Distribution* : India : Southern India. Sri Lanka.

### 6. *Rasbora caverii* (Jerdon)

1849. *Leuciscus caverii* Jerdon, *Madras J. Sci., & Lit.*, **15** : 320 (Type locality : Cauvery River, Karnataka).

1991. *Rasbora caverii*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 388.

*Material* : 28 exs., 25–51 mm SL, Amerahalli kere, 690 m, 12.12.2001, F.6873; 13 exs., 28–29 mm SL, Yelahanka, 17.12.2001, F.6878; 41 exs., 28–52 mm SL, Uyyampalli, 17.3.2002, F.6891; 21 exs., 65–109 mm SL, BEML Township outer, 22.3.2002, F.6919; 350 exs., 17–35 mm SL, Holasa Halli, 19.3.2002, F.6929; 41 exs., 25–51 mm SL, Magadi Tank, 18.3.2002, F.6936; 236 exs., 17–80 mm SL, Narasapura, 15.3.2002, F.6967; 58 exs., 17–31 mm SL, Arabikothanur, 15.3.2002, F.6971; 10 exs., 21–26.5 mm SL, Kumbalagodu, 14.3.2002, F.6973.

*Distribution* : Southern India, notably Karnataka, especially the Cauvery basin, also Eastern Ghats. Sri Lanka.

### 7. *Rasbora daniconius* (Hamilton)

1822. *Cyprinus daniconius* Hamilton, *Fishes of Ganges* : 327, 391, pl. 15, Fig-89 (Type locality : Rivers of Southern Bengal).

1999. *Rasbora daniconius*, Jayaram, *The freshwater fishes of the Indian regions* : 82.

*Material* : 31 exs., 25–40 mm SL, Bangalore Dist., 28.12.2001, F.6865; 26 exs., 25–54 mm SL, Magadi Tank, 18.3.2002, F.6935.

*Distribution* : Throughout India. Bangladesh. Malay Archipelago. Myanmar. Nepal. Pakistan. Sri Lanka. Zanzibar.

### 8. *Rasbora labiosa* Mukerji

1935. *Rasbora labiosa* Mukerji, *Rec. Indian Mus.*, **37**(3) : 376, Fig. 1,2 (Type locality : Deolali, Nasik Dist., Maharashtra)

1999. *Rasbora labiosa*, Jayaram, *The freshwater fishes of the Indian regions* : 83.

*Material* : 36 exs., 17–91 mm SL, BEML Township outer, 22.3.2002, F.6907; 1 ex., 50 mm SL, Magadi Tank, 18.3.2002, F.6937; 108 exs., 34–54 mm SL, Uyyampalli, 17.3.2002, F.6942.

*Remarks* : This is the first report of the species from Cauvery system in Karnataka. Though the specimens are characterised by hypertrophied labial fold; some differences have been observed from the typical species, details of which are being discussed elsewhere.

*Distribution* : India : Maharastra, Karnataka.

### Family CYPRINIDAE

#### Subfamily CYPRININAE

#### 9. *Cyprinus carpio communis* (Linnaeus)

1758. *Cyprinus carpio* Linnaeus, *Systema Naturae*, ed. 10, 1 : 320 (Type locality : Europe)

1991. *Cyprinus carpio communis*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 185.

*Material* : 1 ex., 49 mm SL, Khajikalla Halli, Kolar Dist., 15.3.2002, F.6897; 5 exs., 70–196 mm SL, Mungana Halli, 23.3.2002, F.6899; 1 ex., 194 mm SL, BEML Township outer, 22.3.2002, F.6906; 2 exs., 145–166 mm SL, Mungana Halli, 23.3.2002, F.6912; 3 exs., 84–90 mm SL, Mungana Halli, 23.3.2002, F.6927; 6 exs., 46–91 mm SL, Naickarpalya Kere, 18.3.2002, F.6933; 2 exs., 70–80 mm SL, Chintamani, 23.3.2002, F.6957; 1 ex., 37 mm SL, Narasapura, 15.3.2002, F.6969.

*Distribution* : Central Asia. Introduced into India.

#### 10. *Cyprinus carpio specularis* (Linnaeus)

1758. *Cyprinus carpio* Linnaeus, *Systema Naturae*, ed. 10, 1 : 320 (Type locality : Europe)

1991. *Cyprinus carpio specularis*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 185.

*Material* : 1 ex., 124 mm SL, Mungana Halli, 23.3.2002, F.6900.

*Distribution* : Central Asia. Introduced into India.

#### 11. *Puntius bimaculatus* (Bleeker)

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

1991. *Puntius bimaculatus*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 259.

*Material* : 10 exs., 16–35 mm SL, Bangalore Dist., 28.12.2001, F.6866; 8 exs., 42–56 mm SL, Mulbagal High way, 22.3.2002, F.6916; 12 exs., 50–56 mm SL, BEML Township, 22.3.2002,

F.6918; 1 ex. 38 mm SL, Magadi Tank, 18.3.2002, F.6838; 1 ex. 35 mm SL, Narasapura, 15.3.2002, F.6968.

*Distribution* : Southern India. Sri Lanka.

### 12. *Puntius conchoni* (Hamilton)

1822. *Cyprinus conchoni* Hamilton, *Fishes of Ganges* : 317, 389 (Type locality : Ponds of northeast Bengal, Kosi river and Ami River)

1991. *Puntius conchoni*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 266.

*Material* : 17 exs., 38–43 mm SL, Kanva Reservoir, 16.3.2002, F.6963.

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

### 13. *Puntius sophore* (Hamilton)

1822. *Cyprinus sophore* Hamilton, *Fishes of Ganges* : 310, 389 (nec. pl. 19, fig. 86) (Type locality : Ponds and rivers in Gangetic Reservoir)

1991. *Puntius sophore*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 288.

*Material* : 1 ex., 44 mm SL, Uyyampalli, 17.3.2002, F.6892; 6 exs., 72–81 mm SL, Munganahalli, 23.3.2002, F.6898; 2 exs., 28–56 mm SL, BEML Township outer, 22.3.2002, F.6905; 16 exs., 22–49 mm SL, Kambina Halli, 24.3.2002, F.6922; 1 ex., 64 mm SL, Mungana Halli, 23.3.2002, F.6926; 17 exs., 43–57 mm SL, Uyyampalli, 17.3.2002, F.6943; 2 exs., 26–33 mm SL, Jangamkotte, 24.3.2002, F.6950; 3 exs., 46–65 mm SL., Chintamani, 23.3.2002, F.6958; 2 exs., 42 & 43 mm SL, Kanva Reservoir, 16.3.2002, F.6961.

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

## Family COBITIDAE

### 14. *Lepidocephalus thermalis* (Valenciennes)

1846. *Cobitis thermalis* Valenciennes, *Hist. nat. Poiss.*, 18 : 78 (Type locality : Sri Lanka)

1991. *Lepidocephalus thermalis*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. I : 527.

*Material* : 13 exs., 10–31 mm SL, Amerahalli Kere, 690 m, 12.12.2001, F.6874; 2 exs., 24 & 32 mm SL, Yelahanka, 17.12.2001, F.6879; 13 exs., 38–55 mm SL, BEML Township outer, 22.3.2002, F.6909; 10 exs., 33–41 mm SL, Bagepalli, 28.3.2002, F.6903; 4 exs., 35–41 mm SL, Kambina Halli, 24.3.2002, F.6923; 8 exs., 36–47 mm SL, Holasa Halli, 19.3.2002, F. 6931; 2 exs., 38 & 39 mm SL, Jangamkote, 24.3.2002, F.6951; 2 exs., 32.5–45 mm SL, Kolar-Mulbagal Highway, 22.3.2002, F.6976.

*Distribution* : India : South India. Sri Lanka.

## Order SILURIFORMES

## Family BAGRIDAE

15. *Aorichthys aor* (Hamilton)

1822. *Pimelodus aor* Hamilton, *Fishes of Ganges* : 205, 375, pl. 20, fig. 68 (Type locality : Rivers of Bengal and upper parts of Gangetic estuary).

1991. *Aorichthys aor*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 547.

*Material* : 3 exs., 152–165 mm SL, Suburban Bangalore, 12.3.2002, F.6978.

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

16. *Mystus cavasius* (Hamilton)

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

1991. *Mystus cavasius*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 559.

*Material* : 2 exs., 119 & 120 mm SL, Suburban Bangalore, 12.3.2002, F.6980.

*Distribution* : India. Bangladesh. Pakistan. Thailand.

17. *Mystus montanus* (Jerdon)

1849. *Bagrus montanus* Jerdon, *Madras Jour. Lit. & Sci.*, 15(2) : 337 (Type locality : Manantoddy, Wynaad, Kerala State).

1991. *Mystus montanus*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 567.

*Material* : 55 exs., 48–75 mm SL, Bagepalli, 28.3.2002, F.6914; 4 exs., 74–94 mm SL, BEML Township outer, 22.3.2002, F.6920; 5 exs., 45–58 mm SL, Kambina Halli, 24.3.2002, F.6924; 17 exs., 41–61 mm SL, Jangamkote, 24.3.2002, F.6954.

*Distribution* : India : Kerala, Tamil Nadu, Karnataka, Maharashtra, Madhya Pradesh and Assam.

## Family SILURIDAE

18. *Ompok bimaculatus* (Bloch)

1797. *Silurus bimaculatus* Bloch, *Ichthyol. Hist. nat. des. Poiss.*, 11 : 17, pl. 364 (Type locality : Malabar).

1991. *Ompok bimaculatus*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 582.

*Material* : 6 exs., 135–175 mm SL, Suburban Bangalore, 12.3.2002, F.6981.

*Distribution* : Throughout India. Bangladesh. Malaya. Nepal. Pakistan. Sri Lanka. Thailand. Vietnam. Yunnan.



Family CLARIIDAE

19. *Clarias batrachus* (Linnaeus)

1758. *Silurus batrachus* Linnaeus, *Systema Naturae*, 1, ed. 10 : 305 (Type locality : Asia and Africa).

1991. *Clarias batrachus*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 684.

*Material* : 1 ex., 325 mm SL, BEML Township outer, 22.3.2002, F.6902; 1 ex., 235 mm SL, Ellamalappa kere, Avalahalli, 15.3.2002, F.6948.

*Distribution* : India. Bali. Bangladesh. Borneo. Java. Malacca. Malaya. Myanmar. Nepal. Pakistan. Philippines. Singapore. Sri Lanka. Sumatra. Thailand.

Family HETEROPNEUSTIDAE

20. *Heteropneustes fossilis* (Bloch)

1794. *Silurus fossilis* Bloch, *Naturgesch. ausl. Fische*, 8 : 46, pl. 370, fig. 2 (Type locality : Tranquebar, Tamil Nadu).

1991. *Heteropneustes fossilis*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 689.

*Material* : 2 exs., 80 & 89 mm SL, Jangamkote, 24.3.2002, F.6952; 8 exs., 62–100 mm SL, Jangamkote, 24.3.2002, F.6953.

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

Order CYPRINODONTIFORMES

Family POECILIDAE

21. *Gambusia affinis* (Baird & Girard)

1853. *Heterandria affinis* Baird and Girard, *Proc. Acad. Nat. Sci. Philad.*, 6 : 390 (Type locality : San Antonio River Drainage, Texas).

1991. *Gambusia affinis*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 756.

*Material* : 76 exs., 11–40 mm SL, 13.12.2001, Kolarkere, Basavantha Halli, F.6868; 4 exs., 30–36 mm SL, BEML Township, 22.3.2002, F.6908; 15 exs., 8.5–32 mm SL, Kambina Halli, 24.3.2002, F.6925; 22 exs., 18–31 mm SL, Holasa Halli, 19.3.2002, F.6932; 6 exs., 18.5–31.5 mm SL, Jangamkote, 24.3.2002, F.6956; 4 exs., 19.5–32 mm SL, Naraspura, 15.3.2002, F.6970; 45 exs., 13.5–30 mm SL, Kumbalagodu, Bangalore Rural, 14.3.2002, F.6974.

*Distribution* : Throughtout India. Myanmar. Pakistan and Sri Lanka.

### 22. *Poecilia (Lebistes) reticulata* (Peters)

1859. *Poecilia reticulata* Peters, K. Preussisehem. *Akad. Wiss. Berlin* : 412 (Type locality : Venezuela).  
 1991. *Poecilia (Lebistes) reticulata*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 756.

*Material* : 73 exs., 10–24 mm SL, Bangalore Dist., 28.12.2001, F.6867; 188 exs., 8–28 mm SL, near Kondapalli, 750 m, 16.12.2001, F.6870; 290 exs., 9–22 mm SL, Illapallikere, 700 m, 20.12.2001, F.6871; 34 exs., 13–27 mm SL, Amerahallikere, 690 m, 12.12.2001, F.6875; 103 exs., 9–30 mm SL, Yelahanka, 800 m, 17.12.2001, F.6881; 21 exs., 13–22 mm SL, Hosuhuddiahalli pond, 700 m, 20.12.2001, F.6882; 74 exs., 13–33 mm SL, Mallasandrakere, 700 m, 21.12.2001, F.6883; 256 exs., 7.5–29 mm SL, Chintamani, 23.3.2002, F.6960; 18 exs., 18–30 mm SL, Kolar-Mulbagal High way, 22.3.2002, F.6977.

*Distribution* : Tropical America. Introduced into India.

### Family APLOCHEILIDAE

### 23. *Aplocheilus panchax* (Hamilton)

1822. *Esox panchax* Hamilton, *Fishes of Ganges* : 211, 380, pl. 3, fig. 69 (Type locality : Bengal).  
 1991. *Aplocheilus panchax*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 752.

*Material* : 46 exs., 19–41 mm SL, Kanva Reservoir, 16.3.2002, F.6966.

*Remarks* : This is the first report after Hora (1937) of the species in the wild from Karnataka, Southern India.

*Distribution* : India (now introduced elsewhere) originally Andaman Is., Orissa & West Bengal (Jayaram, 1991). Bangladesh. Malay Archipelago. Myanmar. Pakistan. Thailand.

### Order PERCIFORMES

### Suborder GOBIOIDEI

### Family GOBIIDAE

### 24. *Glossogobius giuris* (Hamilton)

1822. *Gobius giuris* Hamilton, *Fishes of Ganges* : 51, pl. 33, fig. 15 (Type locality : Gangetic provinces).  
 1991. *Glossogobius giuris*, Talwar & Jhingran, *Inland fishes of Indian and Adjacent Countries*, Vol. II : 936.

*Material* : 3 exs., 50–81 mm SL, Hanumanthnagar (Kanakpura), 17.3.2002, F.6895; 1 ex., 44 mm SL, Uyyampalli, 17.3.2002, F.6944; 1 ex., 79 mm SL, Kanva Reservoir, 16.3.2002, F.6964.

*Distribution* : Throughout India. Bangladesh. Myanmar. Nepal. Pakistan. Sri Lanka. It has a wide range from the East coast of Africa to Japan, Australia and South Pacific.

## Suborder LABROIDEI

## Family CICHLIDAE

25. *Etroplus suratensis* (Bloch)

1785. *Chaetodon suratensis* Bloch, *Syst. Ichth.* : 217 (Type locality : ? Surat).

1991. *Etroplus suratensis*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 885.

*Material* : 1 ex., 102 mm SL, Suburban Bangalore, 12.3.2002, F.6979.

*Distribution* : India : South India. Sri Lanka.

26. *Oreochromis mossambica* (Peters)

1852. *Chromis (Tilapia) mossambicus* Peters, *Montab, Acad. Wiss.*, Berlin : 681 (Type locality : Mozambique).

1991. *Oreochromis mossambica*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 887.

*Material* : 265 exs., 6–36 mm SL, Kolarkere, Basvanathahalli, 600 m, 13.12.2001, F.6869; 9 exs., 18–27 mm SL, Yelahanka, 800 m, 17.12.2001, F.6880; 5 exs., 50–111 mm SL, Ulsoor tank, 12.3.2002, F.6889; 22 exs., 41–96 mm SL, Uyyampalli, 17.3.2002, F.6893; 44 exs., 30–65 mm SL, Khajikalla Halli, 15.3.2002, F.6896; 8 exs., 45–130 mm SL, Munganahalli, 23.3.2002, F.6901; 52 exs., 20–98 mm SL, BEML Township, 22.3.2002, F.6910; 2 exs., 145 mm SL, Hunganoor, 19.3.2002, F.6911; 6 exs., 46–140 mm SL, Mungana Halli, 23.3.2002, F.6928; 240 exs., 19–113 mm SL, Naickarpalya Kere, 18.3.2002, F.6933; 18 exs., 16–73 mm SL, Magadi Tank, 18.3.2002, F.6940; 22 exs., 35–68 mm SL, Bannerghata, 12.3.2002, F.6946; 4 exs., 124–140 mm SL, Ellamalappa Kere, Avala Halli, F.6947; 73 exs., 7.5–69 mm SL, Chintamani, 23.3.2002, F.6959.

*Distribution* : East Africa. Introduced in India in 1952.

## Suborder CHANNOIDEI

## Family CHANNIDAE

27. *Channa punctatus* (Bloch)

1793. *Ophiocephalus punctatus* Bloch, *Naturges, Ausland. Fische.*, (7) : 139, pl. 358 (Type locality : Rivers and Lakes of Coromandal Coast).

1991. *Channa punctatus*, Talwar & Jhingran, *Inland fishes of Indian and Adjacent Countries*, Vol. II : 1020.

*Material* : 7 exs., 56–110 mm SL, Hanumanthnagar (Kanakpura), 17.3.2002, F.6894; 2 exs., 35 & 56 mm SL, Magadi Tank, 18.3.2002, F.6939; 1 ex., 39 mm SL, Uyyampalli, 17.3.2002, F.6945; 1 ex., 46 mm SL, Jangamkote, 24.3.2002, F.6955; 1 ex., 65 mm SL, Kanva Reservoir, 16.3.2002, F.6965; 1 ex., 178 mm SL, Suburban Bangalore, 12.3.2002, F.6983.

*Distribution* : Throughout India. Afghanistan. Bangladesh. China. Malaya. Myanmar. Nepal. Pakistan. Polynesia. Sri Lanka.

## Suborder MASTACEMBELOIDEI

## Family MASTACEMBELIDAE

28. *Mastacembelus armatus* (Lacépède)

1800. *Macrognathus armatus* Lacépède, *Hist. nat. Poiss.*, 2 : 286 (Type locality : Not known).

1991. *Mastacembelus armatus*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 1031.

*Material* : 1 ex., 315 mm SL, Suburban Bangalore, 12.3.2002, F.6982.

*Distribution* : Throughout India. Bangladesh. South China. Hainan island. Java. Malaya. Myanmar. Nepal. Pakistan. Sri Lanka. Sumatra. Thailand. Tonkin. Vietnam.

## Order MUGILIFORMES

## Family MUGILIDAE

29. *Rhinomugil corsula* (Hamilton)

1822. *Mugil corsula* Hamilton, *Fishes of Ganges* : 221, 381, pl. 9, fig. 97 (Type locality : Ganges River).

1991. *Rhinomugil corsula*, Talwar & Jhingran, *Inland fishes of India and Adjacent Countries*, Vol. II : 897.

*Material* : 3 exs., 150–160 mm SL, Suburban Bangalore, 12.3.2002, F.6984.

*Distribution* : India. Bangladesh. Nepal. Burma.

## DISCUSSION

A comprehensive account of the ichthyofauna of Cauvery River system by Jayaram *et al.*, (1982) reports the presence of 93 species in Karnataka. Recently Chandrashekhariah *et al.*, (2000) have given elaborate version of distributional pattern and status of the ichthyofauna in the different drainages in Karnataka *viz.*, Cauvery, Krishna, Godavari and west flowing rivers in the state. They reported 97 species from Cauvery River including 42 species not reported by Jayaram (*op. cit.*). The ichthyofaunal composition of the Cauvery system draining Karnataka, based on the above cited papers totals to 135.

In the present study from Bangalore and Kolar districts alone 29 species have been collected which includes two new records *viz.*, *Esomus thermoicos* and *Rasbora labiosa* the former new addition to Karnataka fauna and the latter to the Cauvery system. *E. thermoicos* earlier thought to be restricted to Sri Lanka is now found in Southern India. *Rasbora labiosa* restricted to its type locality in Deolali Nasik district, Maharashtra has been reported recently in the Godavary system in Karnataka also (Chandrashekhariah *et al.*, *op. cit.*). Also *Amblypharyngodon microlepis* and *Aplocheilus panchax* were collected in the wild after their first report by Hora in 1937.

## SUMMARY

Studies on a collection of fish from Bangalore and Kolar districts, Karnataka have resulted in reliable identification of 29 species, of which *Esomus thermoicos* (Val.) is an addition to Karnataka fauna and *Rasbora labiosa* Mukerji to the Cauvery system. *Amblypharyngodon microlepis* (Bleeker) and *Aplocheilichthys panchax* (Hamilton) are reported from the wild after a span of 65 years.

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