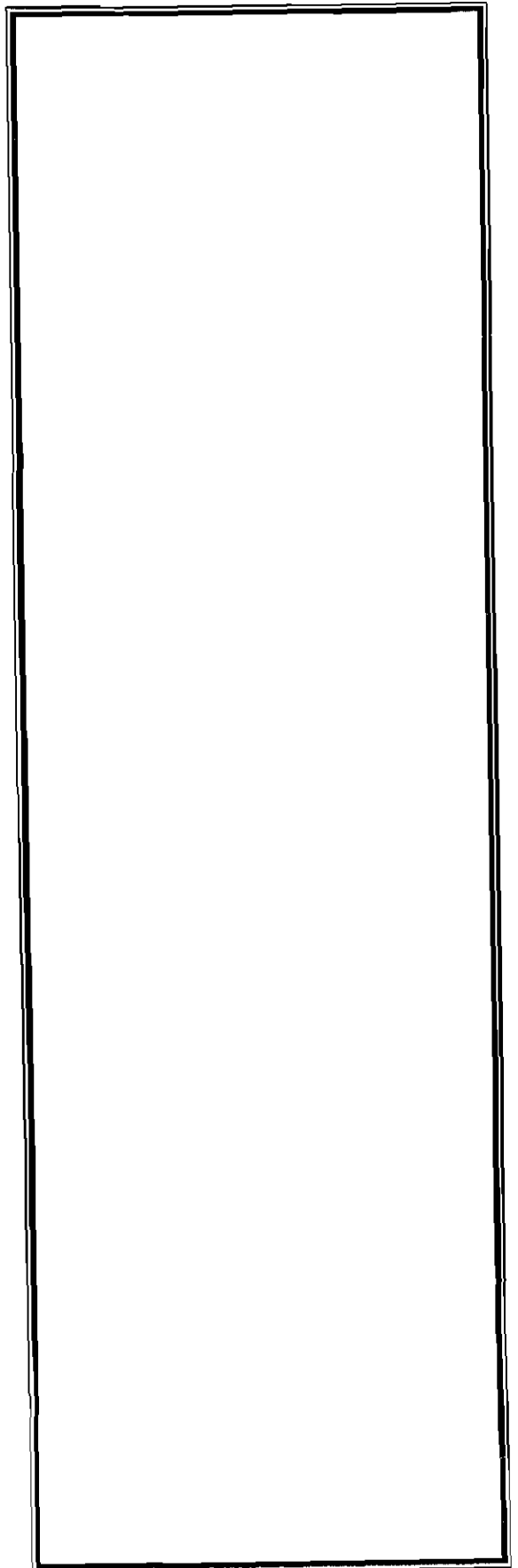


Chapter 3

Fish fauna Of Periyar



FISH FAUNA OF PERIYAR

Periyar has a rich fish fauna. Fortyone species of fishes have been recorded from the river and the lake so far, Zacharias et.al (1996), Arun et al (1996), Zacharias and Minimol (1999) and Gopi (in press). This include two species recorded during the study, one being a new species Two species of fishes are endemic to Periyar viz. *Lepidopygopsis typus* Raj and *Crossocheilus periyarensis* (Menon & Jacob). Fishes of the reserve belonged to 5 different orders, 11 families and 24 genera. Some of the species reported by Chacko (1948) such as *Silindia sykesi* Day, *Mystus vittatus* Bloch, *Chela boopis* Day, *Notopterus notopterus* (Pallas) etc were not met with during the study, could probably be a dam impact. The list of fishes identified by Chacko (1948) and Abraham (1962) are given in Table 6. Chacko (1948) reported that fishes like *Catla catla* (C & V) and the Milk fish, *Chanos chanos* (Forsskal) were introduced in the lake for the first time in October 1946 and April 1947 respectively to improve the quality of fishery but these fishes could not thrive well in the lake conditions probably due to its habitat change. An updated systematic list of fishes in Periyar Lake documented by various authors are compiled and furnished below and are given in Table 7. Local names are also given in the Table 7. The fishes are classified according to Talwar and Jhingran (1991).

3.1 Systematic List

I Order : *ANGUILLIFORMES*

i Family : *ANGUILLIDAE*

Genus : *Anguilla* Schrank

1. *Anguilla bengalensis bengalensis* (Gray)

Body elongate, head conical, flattened dorsally mouth terminal, body yellowish to olive brown mottled with dark brown, lighter below.

Status & Distribution: Uncommon and found in river area.

Importance: Good food fish.

II. Order : *CYPRINIFORMES*

ii Family: *CYPRINIDAE*

Subfamily : *CYPRININAE*

Genus : *Cyprinus* Linnaeus

2. *Cyprinus carpio* var. *communis* (Linnaeus)

It has a stout body which is slightly compressed. Body is covered with regularly arranged rows of scales, lateral line conspicuous with 33 to 35 scales.

Status & Distribution : Exotic fish and very common in lake only.

Importance: It is a food fish.

Genus: *Gonoproktopterus* Bleeker

3. *Gonoproktopterus curmuca* (Hamilton - Buchanan) or *Barbus curmuca* (Day) or *Hypselobarbus kurali* Menon & Rema Devi

Body fairly deep, last unbranched ray of dorsal fin osseous but weak. lateral line with 38 to 42 scales, predorsal scales 9. Menon & Rema Devi (1995) described it as a new species and gave the name *Hypselobarbus kurali*. According to them *Hypselobarbus kurali* is found in small numbers in the fast flowing hill streams in forested areas in the west flowing rivers of the Western Ghats. *Barbus curmuca* and *Hypselobarbus kurali* are closely allied species but have evolved differently in the western and eastern drainages of the Western Ghats. *Barbus curmuca* is found in the Deccan and Mysore Plateau in the Krishna, Godavari and Cauvery drainages. But here it is taken as one and the same species.

Status & Distribution : Very common fish found both in river and lake.

Importance . It is a sport fish and a good food fish.

4. *Gonoproktopterus micropogon* (Valenciennes) or *Barbus micropogon periyarensis* Raj or *Hypselobarbus micropogon periyarensis* Raj.

Body elongate, snout studded with pores, last unbranched ray of dorsal fin osseous strong and smooth, lateral line with 38 to 43 scales, predorsal scales 12-15 .

Status & Distribution : It is common fish found abundantly in river area and less in lake.

Importance : Good sport fish discovered by Raj from Periyar Lake.

Genus: Labeo Cuvier

5. *Labeo fimbriatus* (Bloch)

Body elongate, mouth subinferior, lips thick and fringed, barbels two short pairs, lateral line with 43 to 47 scales, predorsal scales, 13 to 18, a red spot on each scale.

Status & Distribution : It is a rare introduced fish found only in the lake.

Importance: It is a major carp.

Genus: *Puntius* Hamilton - Buchanan

6. *Puntius amphibius* (Valenciennes)

Body spindle shaped, lateral line complete with 23 or 24 scales, predorsal scales 7 or 8 , a large well marked blackspot on the base of caudal fin, dorsal fin orange with an oblique band, other fins yellowish.

Status & Distribution: Common fish found in river and associated streams.

Importance: It can be used as an ornamental fish .

7. *Puntius fasciatus* (Jerdon) or *Barbus melanampyx* Day

Body elongate with 3 vertical black bands, lateral line complete with 18 to 20 scales, predorsal scales 7.

Status & Distribution: Very common in river, lake and hill stream.

Importance: It can be used as an ornamental fish.

8. *Puntius filamentosus* (Valenciennes)

Body elongate, a distinctive dark oval blotch on lateral line, extending generally from 14th to 16th lateral line scales, lateral line complete with 21 scales , adult males studded with large tubercles on snout.

Status & Distribution: Common in river.

Importance: It can be used as an ornamental fish.

9. *Puntius melanostigma* (Day)

Body elongate, silvery with a light band on flanks, a deep black blotch on base of caudal fin lateral line complete with 26 to 28 scales, predorsal scales, 8

Status & Distribution: Common inhabitant of river and lake.

Importance: It can be used as an ornamental fish.

10. *Puntius ophicephalus* (Raj)

Body elongate, a broad dark band runs along lateral line which is composed of fine black spots on bases of lateral line scales, lateral line complete with 40 to 42 scales, predorsal scales 15 to 17.

Status & Distribution: Rare fish found in the upper reaches of river and rediscovered from Mlappara by Raj.

Importance: It can be used as an ornamental fish.

Genus: *Tor* Gray

11. *Tor khudree* (Sykes)

Body elongate lips fleshy, the lower lip produced into a median lobe of varying length lateral sides of snout covered with a patch of small indistinct tubercles, lateral line with 25 to 27 scales.

Status & Distribution : Common fish found both in river and lake.

Importance: This is an important fish for angling and food, commonly called Black Mahseer or Deccan Mahseer.

Subfamily: RASBORINAE

Genus: *Barilius* Hamilton - Buchanan

12. *Barilius bakeri* Day

Body deep, lateral line with 37 or 38 scales, predorsal scales 16, a row of large bluish spots along the flanks.

Status & Distribution : Very common in the river and lake.

Importance: It can be used as ornamental fish.

13. *Barilius bendelisis* (Hamilton – Buchanan)

Body shallow, lateral line with 40 to 45 scales and with two black spots at their base, predorsal scales 18 to 20, 8-12 dark bands descending towards lateral line which become indistinct in adults.

Status & Distribution: Rare fish found in streams and river.

Importance: It can be used as an ornamental fish.

14. *Barilius gatensis* (Valenciennes)

Body deep, lateral line with 39 or 40 scales, predorsal scales 15, 13 to 15 vertical bars descending from back, becoming more or less broken up in the adult.

Status & Distribution: Rare fish found in streams and river.

Importance: It can be used as an ornamental fish.

Genus : *Danio* Hamilton – Buchanan

15. *Danio aequipinnatus* (Mc Clelland)

Body elongate and compressed, lateral line complete with 35 to 37 scales, predorsal scales 14 or 15, adult has three lateral bands on its body separated by golden lines before reaching gill opening.

Genus : *Parluciosoma* Howes

16. *Parluciosoma daniconius* (Hamilton – Buchanan)

Body oblong and compressed, lateral line complete with 31 to 34 scales, a fairly distinct blue black midlateral stripe from eye to base of caudal fin.

Status & Distribution : Very common in lake.

Importance : It can be used as an ornamental fish.

Sub family : SCHIZOTHORACINAE

Genus : *Lepidopygopsis* Raj

17. *Lepidopygopsis typus* Raj

Body elongate and compressed, no scales on head, only a few on interior part of body consisting of a patch as scapular region, a few scattered scales on base of dorsal spine and a continuous row of enlarged scales along lateral line, elongated tile like scales forming a sheath to vent and base of anal fin, lateral line complete and decurved with 54 to 60 scales.

Status & Distribution : Common endemic species found in the upper river area.

Importance : It can be cultured as an ornamental fish.

Sub family: GARRINAE

Genus : *Crossocheilus* Kuhl & van Hasselt

18. *Crossocheilus periyarensis* (Menon & Jacob)

Body moderately elongate, snout rounded with prominent nuptial tubercles in males, lateral line with 34 - 36 scales, no blackspot on caudal base.

Status & Distribution : A rare endemic species found in the river above Thannikudy.

Importance : It can be cultured as an ornamental fish.



Genus : *Garra* (Hamilton – Buchanan)

19. *Garra gotyla stenorhynchus* (Jerdon)

Body elongate, subcylindrical, snout with a well developed median proboscis, lateral sides of head in front of nostrils covered with several large horny tubercles, mouth arched, mental disc well developed, lateral line with 32 to 35 scales, predorsal scales 8 to 10, breast and belly scaled.

Status & Distribution : Very common fish found both in the river and lake.

Importance : It can be used as an ornamental fish.

20. *Garra mcClellandi* (Jerdon)

Body elongate and subcylindrical, snout conical, its tip marked off with a transverse groove and with a large number of prominent tubercular areas, mouth wide mental disc well developed, lateral line with 35 to 38 scales, breast and belly scaled.

Status & Distribution : Common in the river area.

Importance : It can be used as an ornamental fish.

21. *Garra mullya* (Sykes)

Body slightly flattened, snout rounded with the tip marked off by a deep transverse groove, mouth small, suctorial disc small but well marked, lateral line with 32 to 34 scales, breast and belly often naked.

Status & Distribution : Very common in the river and lake.

Importance : It can be used as an ornamental fish.

22. *Garra periyarensis* (Gopi) (in press)

iii. Family : **BALITORIDAE** (Loaches)

Subfamily : **BALITORINAE** (Hill stream loaches)

Genus : *Bhavana* Hora

23. *Bhuvania australis* (Jerdon)

Head and interior part of body greatly depressed, the ventral surface flat and horizontal, barbels 3 short stumpy pairs, paired fins broad, wing like and horizontal, lateral line with 70-75 scales.

Status & Distribution : Rare fish found in river above Thannikudy.

Importance : It can be cultured as an ornamental fish.

Genus : *Travancoria* Hora

24. *Travancoria jonesi* Hora

Head and greater part of body depressed, head covered with series of short, hard, spine like out growths, seven rostral barbels and two maxillary barbels, lateral line with 75-77 scales.

Status & Distribution : Rare fish found in river above Thannikudy.

Importance : It can be used as an ornamental fish.

Subfamily : NEMACHEILINAE

Genus : *Nemacheilus* Bleeker

25. *Nemacheilus denisoni denisoni* Day

Lateral line incomplete, body marked with varying number of broad bands.

Status & Distribution : Very common loach found in stream, river and lake.

Importance : It can be used as an ornamental fish.

26. *Nemacheilus evezardi* Day

Lateral line short, greenish or yellowish with 9 to 18 brown vertical stripes of irregular shapes, big round spots on head.

Status & Distribution : Rare loach found in stream and river.

Importance : It can be used as an ornamental fish.

27. *Nemacheilus guentheri* Day

Lateral line almost complete, ending above anal fin, dark brown with 3 rows of whitish spots of different size and form.

Status & Distribution : Rare fish found in stream and river above Thannikudy.

Importance : It can be used as an ornamental fish.

28. *Nemacheilus keralensis* (Rita & Nalbant)

Lateral line short, body marked with very narrow ill defined vertical bands from dorsal to ventral surface, often split up below lateral line into several streaks or spots.

Status & Distribution : Common loach in the stream and river above Thannikudy.

Importance : It can be used as an ornamental fish.

29. *Nemacheilus menoni* (Zacharias & Minimol)

Lateral line complete, body with irregular dark blotches on back, sides marked by irregular reticulation of dark blotches and wavy bands with light or creamy interspaces which are more prominent on the upper half. This is a new species discovered during the study (Zacharias and Minimol (1999).

Status & Distribution : Common loach found in river at Mlappara

Importance : It can be used as an ornamental fish.



30. *Nemacheilus triangularis* Day

Lateral line almost complete, reaching upto caudal peduncle, body greyish with yellowish bands edged with black, usually seven .

Status & Distribution : Common loach found in stream, river and lake.

Importance : It can be used as an ornamental fish.

iv Family : **COBITIDAE** (Loaches)

Subfamily : **COBITINAE**

Genus : *Lepidocephalus* Bleeker

31. *Lepidocephalus thermalis* (Valenciennes)

Body elongate, suborbital spine present, 3 pairs of barbels, 8 to 10 irregular blotches along flanks.

Status & Distribution : Common, found in stream, river and lake.

Importance : It can be used as an ornamental fish.

III. Order : *SILURIFORMES* (CAT FISHES)

Family : *SILURIDAE*

Genus : *Ompok* Lacepede

32. *Ompok bimaculatus* (Bloch)

Body elongate, barbels two pairs, pectoral spine present, a large dusky spot on shoulder on lateral line.

Status & Distribution : Common inhabitant in river.

Importance : It is a food fish and can be cultured as an ornamental fish.

vi Family : *SISORIDAE*

Genus : *Glyptothorax* Blyth

33. *Glyptothorax madraspatanum* (Day)

Body elongate, head depressed and broadly pointed in front, mouth inferior, barbels 4 pairs, skin smooth on head and body.

Status & Distribution : Uncommon and found only in river.

Importance : It can be used as an ornamental fish.

vii Family : **HETEROPNEUSTIDAE**

Genus : *Heteropneustes* Muller

34. *Heteropneustes fossilis* (Bloch)

Body elongate, mouth small and terminal, barbels 4 pairs, pectoral fin with a strong spine.

Status & distribution : Common fish found in lake.

Importance : It can be used as an ornamental fish.

IV Order : *CYPRINODONTIFORMES*

viii Family : **APLOCHEILIDAE**

Genus : *Aplocheilus* Mc Clelland

35. *Aplocheilus lineatus* (Valenciennes)

Body elongate and compressed posteriorly, pelvic fin with its second ray elongated, caudal fin rounded.

Status & Distribution : Very common fish found in stream, river and lake.

Importance : It is larvivorous and can be used as an ornamental fish .

V Order : *PERCIFORMES*

Suborder : *PERCOIDEI*

ix Family : *CICHLIDAE*

Genus : *Oreochromis* Gunther

36. *Oreochromis mossambica* (Peters)

Body elongate, fairly deep and compressed, teeth in 3 to 5 series on jaws, 30-32 scales on lateral line, caudal fin truncate with rounded corners.

Status & Distribution : Very common in lake.

Importance : It has some food value.

Suborder : *CHANNOIDEI*

x Family : *CHANNIDAE* (Snake heads)

Genus : *Channa* Scopoli

37. *Channa marulius* (Hamilton -- Buchanan)

60 to 70 scales in lateral series and predorsal scales 16

Status & Distribution : Rare fish found in river and lake.

Importance : It is a sport fish and economically important.

38. *Channa orientalis* (Bloch & Schneider)

Predorsal scales 12, scales in longitudinal series 40 to 50.

Status & Distribution : It is a rare fish found in stream and lake.

Importance : It is of minor fishery value.

39. *Channa striatus* (Bloch)

Predorsal scales 18 to 20, 50 to 57 scales in lateral series.

Status & Distribution : A rare fish found in lake.

Importance : It is used as food fish.

Suborder : *MASTACEMBELOIDEI*

xi Family : **MASTACEMBELIDAE** (spiny eels)

Genus : *Macrogathus* Lacepede

40. *Macrogathus aral* (Bloch & Schneider)

Preorbital and preopercular spines absent, dorsal fin spines 13 to 32,
caudal fin distinctly separated from dorsal and anal fins.

Status & Distribution : A rare fish found in river.

Importance : It is a good food fish.

Genus : *Mastacembelus* Scopoli

41. *Mastacembelus armatus* (Lacepede)

Preorbital and preopercular spines present, dorsal fin spines 32 to 40, dorsal and anal fins broadly joined to caudal fin.

Status & Distribution : Common fish found in river.

Importance : It is a good food fish.



Table 6

**List of fishes recorded by Chacko (1948) and Abraham
(1962) in Periyar Lake**

Sl.No.	Name of Species	Chacko (1948)	Abraham (1962)	Present Status
1.	<i>Notopterus notopterus</i> (Pallas)	X	-	Not found
2.	<i>Anguilla bengalensis</i> (Gray & Hardw)	X	-	Uncommon
3.	<i>Anguilla bicolor</i> Mc.Clell	X	-	Not found
4.	<i>Barbus curmuca</i> (Ham)	X	-	Very common
5.	<i>Barbus micropogon periyarensis</i> Raj	X	X	Common
6.	<i>Barbus amphibius</i> (C&V)	X	-	Common
7.	<i>Barbus arulius</i> (Jerdon)	X	X	Not found
8.	<i>Barbus melanampyx</i> Day	X	X	Very common
9.	<i>Barbus melanostigma</i> Day	X	-	Common
10.	<i>Barbus ophicephalus</i> Raj	X	-	Rare
11.	<i>Barbus pinnauratus</i> (Day) or <i>Puntius sarana subnasutus</i> (Valenciennes)	X	-	Not found
12.	<i>Barbus (Tor) khudree</i> (Sykes)	X	X	Common
13.	<i>Chela boopis</i> Day	X	-	Not found
14.	<i>Barilius bakeri</i> Day	X	X	Very Common
15.	<i>Barilius bendelisis</i> (Ham)	X	-	Rare
16.	<i>Barilius gatensis</i> (C & V)	X	-	Rare
17.	<i>Danio aequipinnatus</i> (Mc.Clell)	X	-	Common
18.	<i>Parluciosoma daniconius</i> (Ham- Buch.)	X	X	Very common
19.	<i>Lepidopygopsis typus</i> Raj	X	-	Common
20.	<i>Garra lamta</i> (Ham.)	X	X	Not found
21.	<i>Garra mullya</i> (Sykes)	X	-	Very common
22.	<i>Nemacheilus evezardi</i> Day	X	-	Rare
23.	<i>Lepidocephalus thermalis</i> (C&V)	X	X	Common
24.	<i>Botia historensis</i>	-	X	Not found

(Contd.....)

(Contd.....)

**List of fishes recorded by Chacko (1948) and Abraham
(1962) in Periyar Lake**

Sl.No.	Name of Species	Chacko (1948)	Abraham (1962)	Present Status
25.	<i>Mystus cavasius</i> (Ham-Buch)	X	-	Not found
26.	<i>Mystus vittatus</i> (Bloch)	X	-	Not found
27.	<i>Ompok bimaculatus</i> (Bloch)	X	-	Common
28.	<i>Ompok pabda</i> (Ham-Buch)	-	X	Not found
29.	<i>Silundia sykesi</i> Day or <i>Silonia childreni</i> (Sykes)	X	-	Not found
30.	<i>Glyptothothax madraspatanum</i> Day	X	-	Un common
31.	<i>Heteropneustes fossilis</i> (Bloch)	X	X	Common
32.	<i>Aplocheilus lineatus</i> (C&V)	X	X	Very common
33.	<i>Glossogobius giuris</i> Ham-Buch)	X	-	Not found
34.	<i>Channa striatus</i> (Bloch)	X	-	Rare
35.	<i>Channa gachua</i> Ham	X	-	Rare
36.	<i>Rhynchobdella maculata</i> (Bloch) or <i>Macrognathus aral</i> (Bloch & Schneider)	X	-	Rare
37.	<i>Mastacembelus armatus</i> Lacep	X	-	Common
38.	<i>Pseudambassis ranga</i> (Ham-Buch)	-	X	Not found
39.	<i>Etroplus maculatus</i> (Bloch)	-	X	Not found
40.	<i>Macropodus cupanus</i> (Val)	-	X	Not found
Exotic fishes				
1.	<i>Catla catla</i> (C&V)	X	-	Not found
2.	<i>Chanos chanos</i> Forsskal)	X	-	Not found

Status & Distribution of Fish Fauna in Periyar

No.	Name of Fish	Local/Tribal Name	Locality	Status & Importance	General distribution
I	Order : Anguilliformes				
(i)	Family Anguillidae				
	Genus : <i>Anguilla</i> Schrank				
1.	<i>Anguilla bengalensis bengalensis</i> (Gray)	Mlanjil	River	Uncommon; Good food fish	Pakistan, India, Sri Lanka, Myanmar and the East India.
II.	Order : Cypriniformes				
(ii)	Family : Cyprinidae				
	Sub family : Cyprininae				
	Genus : <i>Cyprinus</i> Linnaeus				
2.	<i>Cyprinus carpio</i> var. <i>communis</i> Linnaeus	Gold Fish	Lake	Very common; Food fish	Exotic species
3.	<i>Gonoproktopterus curmuca</i> (Hamilton – Buchanan) or <i>Hypselobarbus kurali</i> Menon & Rema Devi	Kooral	River and Lake	Very common; Sport fish; Good food fish	India : Western Ghats
4.	<i>Gonoproktopterus micropogon</i> (Valenciennes) or <i>Hypselobarbus micropogon periyarensis</i> Raj	Kariyan	River and lake	Common ; Sport fish	India: Bhavani River and other head waters of Cavery at base of Nilgiri Hills, Wynad and South Canara range of hills.
	Genus : <i>Labeo</i> Cuvier				
5.	<i>Labeo fimbriatus</i> (Bloch)	Kanambu	Lake	Rare; Indigenous major carp	Pakistan, India: West Bengal and Eastern Ghats, Nepal and Myanmar.

No.	Name of Fish	Local/Tribal Name	Locality	Status & Importance	General distribution
6.	Genus : <i>Puntius</i> Hamilton Buchanan <i>Puntius amphibius</i> (Valenciennes)	Koorai	Stream and River	Common; Ornamental fish	India: Peninsular India and Sri Lanka
7.	<i>Puntius fasciatus</i> (Jerdon) or <i>Barbus melanampyx</i> Day	Kudukunda	Stream and Lake	Very common; Ornamental fish	Peninsular India
8.	<i>Puntius filamentosus</i> (Valenciennes)	Karuva or Parai	River	Common; Ornamental fish	India: Goa, Karnataka, Kerala and Tamil Nadu. Sri Lanka and Myanmar
9.	<i>Puntius melanostigma</i> (Day)	Kudukunda	River and Lake	Common ; Ornamental fish	Southern India: Cauvery river system, Wynad Hills and Bhavani River.
10.	<i>Puntius ophicephalus</i> (Raj)	Ectilakanda	River above Thannikudy	Rare; Ornamental fish	India, Pambiyar river and its tributary and Periyar river, Kerala.
	Genus : <i>Tor</i> Gray				
11.	<i>Tor khudree</i> (Sykes)	Kuyil	River and Lake	Common ; Excellent sport fish	India: Madhya Pradesh, Deccan and entire Peninsular India and Sri Lanka.
	Sub family : Rasborinae Genus : <i>Barilius</i> Hamilton -- Buchanan				
12.	<i>Barilius bakeri</i> Day	Pavukan	River and Lake	Very common; Ornamental fish	India: Western Ghats of Kerala.
13.	<i>Barilius bendelists</i> (Hamilton Buchanan)	Pavukan	Stream and River	Rare; Ornamental fish	India: Pakistan, Nepal, Bangladesh and Sri Lanka
14.	<i>Barilius gatensis</i> (Valenciennes)	Pavukan	Stream and River	Rare, Ornamental fish	India, Western Ghats in Maharashtra, Southern Karnataka and Kerala, and the Nilgiri Hills
	Genus : <i>Danio</i> Hamilton -- Buchanan				
15.	<i>Danio aequipinnatus</i> (Mc Clelland)	Pavukan	Stream and Lake	Common ; Ornamental fish	India, Nepal, Bangladesh, Myanmar and Thailand

No.	Name of Fish	Local/Tribal Name	Locality	Status & Importance	General distribution
	Genus : <i>Parluciosoma</i> Howes				
16.	<i>Parluciosoma daniconius</i> (Hamilton – Buchanan) Sub family : Schizothoracinae Genus : <i>Lepidopygopsis</i> Raj	Kananjon	Lake	Very common; Ornamental fish	Pakistan , India, Sri Lanka Bangladesh.. Myanmar and Mekong.
17.	<i>Lepidopygopsis typus</i> Raj Sub family : Garrinae Genus : <i>Crossocheilus</i> Kuhl & van Hasselt	Brahmanakanda	River above Thannikudy	Common; Endemic; Ornamental fish	India: Periyar river.Kerala.
18.	<i>Crossocheilus periyarensis</i> (Menon & Jacob) Genus : <i>Garra</i> Hamilton – Buchanan	Karimbachy	River above Thannikudy	Rare; Endemic; Ornamental fish	India: Periyar river, Kerala
19.	<i>Garra gotyla stenorhynchus</i> (Jerdon)	Kallemutty	River and Lake	Very common; Ornamental fish	India: Cauvery & Krishna drainages, Western Ghats.
20.	<i>Garra mcClellandi</i> (Jerdon)	Kallemutty	River	Common ; Ornamental fish	India; Cauvery drainage, Periyar river
21.	<i>Garra mullya</i> (Sykes)	Kallemutty	River and Lake	Very common ; Ornamental fish	India: Throughout India except Assam and the Himalaya.
22.	<i>Garra periyarensis</i> (Gopi) (in press)	-	-	-	-
iii.	Family : Balitoridae Sub family : Balitorinae Genus : <i>Bhavania</i> Hora				
23.	<i>Bhavania australis</i> (Jerdon) Genus : <i>Travancoria</i> Hora	Kallotty	River above Thannikudy	Rare; Ornamental fish	India : South Western Ghats
24.	<i>Travancoria jonesi</i> Hora	Kallotty	River above Thannikudy	Rare; Ornamental fish	India: Western Ghats, High ranges of Kerala

No.	Name of Fish	Local/Tribal Name	Locality	Status & Importance	General distribution
	Sub family : Nemacheilinae Genus : <i>Nemacheilus</i> Bleeker				
25.	<i>Nemacheilus denisoni denisoni</i> Day	Ayira	Stream, River and Lake	Very common ; Ornamental fish	Peninsular India: Chota Nagpur Plateau (Bihar) and Bastas (MP)
26.	<i>Nemacheilus evezardi</i> Day	Ayira	Stream and River	Rare ; Ornamental fish	Western Ghats; Krishna and Godavari basin and Satpura range; Pach Mari Hills.
27.	<i>Nemacheilus guentheri</i> Day	Ayira	Stream and River above Thannikudy	Rare; Ornamental fish	Peninsular India: Western Ghats
28.	<i>Nemacheilus keralensis</i> (Rita & Nalbant)	Ayira	Stream and River above Thannikudy	Common ; Ornamental fish	India : Western Ghats of Kerala.
29.	<i>Nemacheilus menoni</i> (Zacharias & Minimol)	Ayira	River at Mlappara	Common ; Ornamental fish	India: Periyar river, Kerala
30.	<i>Nemacheilus triangularis</i> Day	Ayira	Stream, River and Lake	Common; Ornamental fish	Peninsular India : Western Ghats of Kerala and Tamil Nadu
(iv)	Family : Cobitidae Subfamily : Cobitinae Genus : <i>Lepidocephalus</i> Bleeker				
31.	<i>Lepidocephalus thermalis</i> (Valenciennes)	Ayira	Stream, River and Lake	Common; Ornamental fish	India: Kerala, Karnataka and Maharashtra and Sri Lanka
III (v)	Order ; Siluriformes Family ; Siluridae Genus : <i>Ompok</i> Lacepede				
32.	<i>Ompok bimaculatus</i> (Bloch)	Chottavala	River	Common; Food fish and Ornamental fish	Afghanistan, Pakistan, India, Srilanka, Bangladesh, Myanmar, Thailand, Java, Sumatra, Borneo and China
vi.	Family ; Sisoridae Genus : <i>Glyptothorax</i> Blyth				
33.	<i>Glyptothorax madras patanum</i> (Day)	Parayotti	River	Uncommon; Ornamental fish	India: Western Ghats, Anamalai and Nilgiri Hills

No.	Name of Fish	Local/Tribal Name	Locality	Status & Importance	General distribution and Cauvery river
vii.	Family : Heteropneustidae Genus : <i>Heteropneustes</i> Muller				
34.	<i>Heteropneustes fossilis</i> (Bloch)	Kari	Lake	Common; Ornamental fish	India, Pakistan, Indus basin, Nepal, Bangladesh, Sri Lanka, Myanmar, Thailand and Laos
IV.	Order : Cyprinodontiformes Suborder : Cyprinodontoidei				
viii	Family : Aplocheilidae Genus : <i>Aplocheilus</i> McClland				
35.	<i>Aplocheilus lineatus</i> (Valenciennes)	Poonjan	Stream, River and Lake	Very common; Ornamental; Larvivorious fish	India: Western and South Eastern regions
V	Order : Perciformes Suborder : Percoidei Family : Cichlidae Genus : <i>Oreochromis</i> Gunther				
36.	<i>Oreochromis mossambica</i> (Peters)	Thilapia	Lake	Very common; Food fish	Exotic. East Africa
(x)	Sub order : Channoidei Family : Channidae Genus : <i>Channa</i> Scopoli				
37.	<i>Channa marulius</i> (Hamilton Buchanan)	Cherumeen	River and Lake	Rare ; Sport fish	India, Pakistan, Srilanka, Bangladesh, Nepal, Myanmar, Thailand and China
38.	<i>Channa orientalis</i> Bloch & Schneider	Vatton	Stream and Lake	Rare ; Minor fishery	India, Afghanistan, Pakistan, Nepal, Sri Lanka, Bangladesh, Myanmar, Iran and the East India

No.	Name of Fish	Local/Tribal Name	Locality	Status & Importance	General distribution
39.	<i>Channa striatus</i> (Bloch)	Varal	Lake	Rare : Good food fish	India: Pakistan, Sri Lanka, Bangladesh, Nepal, Myanmar, Malay Archipelago, Thailand and South China
(xi)	Suborder : Mastacembeloidei Family : Mastacembelidae Genus : <i>Macrognathus</i> Lacepede				
40.	<i>Macrognathus aral</i> (Bloch & Schneider)	Aaron	River	Rare: Good food fish	India: Pakistan, Sri Lanka, Bangladesh, Nepal and Myanmar.
	Genus : <i>Mastacembelus</i> Scopoli				
41.	<i>Mastacembelus armatus</i> (Lacepede)	Aaron	River and Lake	Common ; Good food fish	India: Pakistan, Sri Lanka, Nepal, Myanmar through Thailand and Malaya, to Southern China.