



International Journal of Fisheries and Aquatic Studies

ISSN: 2347-5129
(ICV-Poland) Impact Value: 5.62
(GIF) Impact Factor: 0.352
IJFAS 2016; 4(4): 35-42
© 2016 IJFAS
www.fisheriesjournal.com
Received: 08-05-2016
Accepted: 09-06-2016

B Laxmappa
Fisheries Development Officer,
Department of Fisheries,
Mahabubnagar-509001,
Telangana, India.

Ravinder Rao Bakshi
Assistant Professor, Department
of Zoology, MVS Govt. Arts &
Science College (A),
Mahabubnagar-509001
Telangana, India.

A checklist of fishes of Telangana State, India

B Laxmappa and Ravinder Rao Bakshi

Abstract

A checklist of the fishes of Telangana State is presented, along with their scientific and common names (English and Telugu), IUCN Red List status. 165 species of fishes are recorded from the inland waters of Telangana state comprising of 11 orders and 29 families. Order Cypriniformes were most dominant group represent by 96 species followed by Siluriformes, Perciformes, Beloniformes, Cyprinodontiformes, Synbranchiformes, Osteoglossiformes and Anguilliformes. Among the families recorded, Cyprinidae was the most dominant followed by the Bagridae.

Keywords: Telangana, biodiversity, conservation, aquatic ecosystem, IUCN status.

1. Introduction

Telangana is a state in South India divided from Andhra Pradesh and it was formed in 2014 with the capital at Hyderabad. Telangana is situated on the Deccan Plateau, in the central stretch of the eastern seaboard of the Indian Peninsula and covers 114,840 square kilometers (Image: 1). Two major rivers of South India viz., the Godavari and the Krishna River with their several tributaries form the chief perennial river systems of this state. There are a large number of medium and small sized rivers in addition to several man-made reservoirs, backwaters and tanks.

The freshwater fishes of Telangana region remained poorly known until the checklists of few were published in early sixties [1-3]. The undivided state of Andhra Pradesh is known to contain 158 species under 68 genera, 27 families and 10 orders of freshwater fishes [4]. During the last 23 years, several localized checklists and compilations confined to smaller regions such as a district, a protected area or a river or reservoir system of Telangana have been published [5-24]. Until this day, no comprehensive checklists have been published on the fishes of Telangana State. Hence, new checklist has been prepared, in addition to revalidation of the species status of several others. The list of the species has been included alphabetically under the respective families.

The present checklist of 165 species includes several new species and those resurrected from synonyms. This includes exotic and secondary freshwater species. The present proportion of the main groups of primary freshwater fishes is 58% Cyprinoids, 20% Siluroids and other groups 22%. The 165 species are grouped under 11 orders, 29 families and 74 genera. The classification and species names were followed according to the standard literatures [25-28]. The representative orders along with the number of families, genera and species are given in Table: 1 and the list of species in Table: 2.

One hundred and sixty five species of fishes are recorded from the inland waters of Telangana state comprising of 11 orders and 29 families. On the basis of percentage composition and species richness in Telangana, order Cypriniformes was dominant (96 species) followed by Siluriformes (33 species), Perciformes (17 species), Cyprinodontiformes (4 species), Synbranchiformes (4 species), Beloniformes (4 species), Osteoglossiformes (2 species), Anguilliformes (2 species), Caraciformes, Clupeiformes and Mugiliformes (1 species each). The order of dominance is as follows (Pie Chart: 1):

Cypriniformes > Siluriformes > Perciformes > Cyprinodontiformes = Synbranchiformes = Beloniformes > Osteoglossiformes = Anguilliformes > Caraciformes = Clupeiformes = Mugiliformes.

Among the 165 species found in Telangana state, 9 species viz., *Labeo potail*, *Schismatichthys nukta*, *Longischistura striatus*, *Thynnichthys sandhol*, *Hypselobarbus curmuca*, *Hypselobarbus mussullah*, *Tor khudree*, *Clarias magur* and *Silonia childreni* are

Correspondence
B Laxmappa
Fisheries Development Officer,
Department of Fisheries,
Mahabubnagar-509001,
Telangana, India.

considered as globally Endangered species; 12 species, *Anguilla bengalensis*, *Anguilla bicolor*, *Labeo pangusia*, *Chitala chitala*, *Mystus malabaricus*, *Ailia coila*, *Osteobrama belangeri*, *Ompok bimaculatus*, *Ompok pabda*, *Ompok pabo*, *Wallago attu* and *Bagarius bagarius*, are considered as Near Threatened. Another 3 species, *Hyporhamphus xanthopterus*,

Hypseleotris kolas and *Salmophasia horai* are considered as Vulnerable [29]. Therefore, to save this diversity, there is an urgent need for conservation of the fish denizens to conserve the productivity potential of the rivers, reservoirs, backwaters etc., through promulgation of fisheries legislation in future.

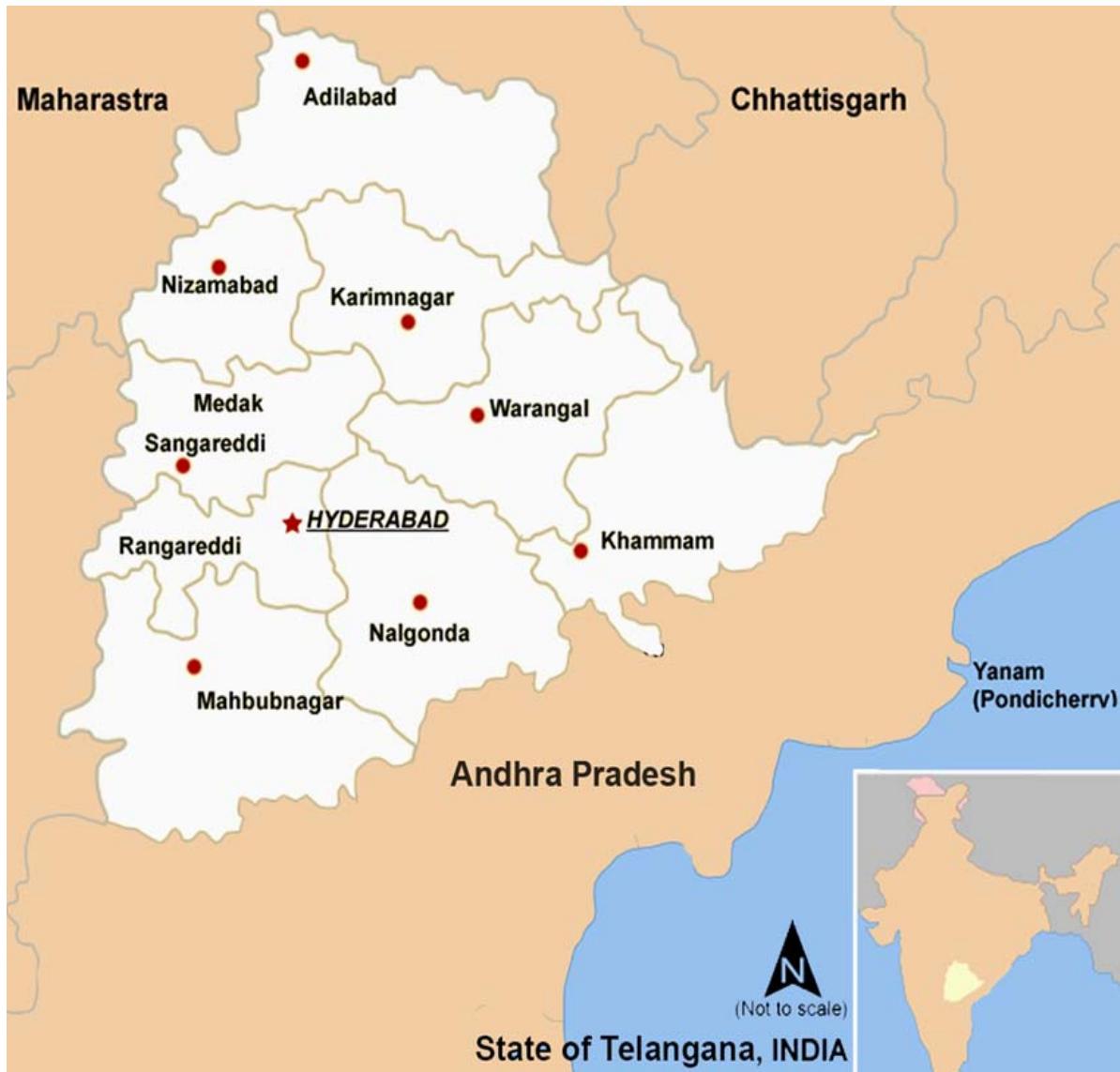


Fig1: Location of Telangana State in India.

Table 1: The representative orders, families, genera and species.

Order	Families	Genera	Species
Anguilliformes	1	1	2
Beloniformes	3	3	4
Characiformes	1	1	1
Clupeiformes	1	1	1
Cypriniformes	3	35	96
Cyprinodontiformes	2	3	4
Mugiliformes	1	1	1
Osteoglossiformes	1	2	2
Perciformes	7	11	17
Siluriformes	8	16	33
Synbranchiformes	1	2	4
Total	29	76	165

Table 2: The list of species of Telangana

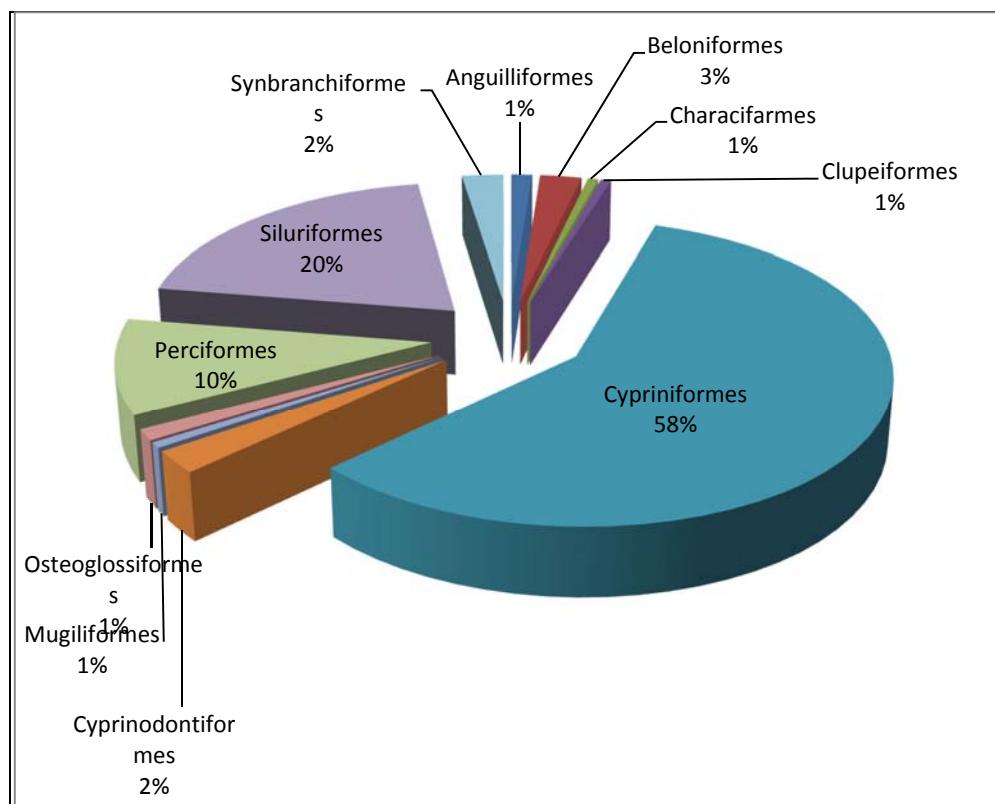
Sl. No.	English Name	Species Name	Local Name	Authority	IUCN Status
I	Order Anguilliformes				
	Family Anguillidae				
1	Long-finned eel	<i>Anguilla bengalensis</i>	Malugu	(Gray, 1831)	NT
2	Indian short finned eel	<i>Anguilla bicolor</i>	Malugu	(Mc Celland, 1844)	NT
II	Order Beloniformes				
	Family Adrianichthyidae				
3	Estuarine top minnow	<i>Oryzias melastigma</i>	Chukku chepa	(McCelland, 1839)	NE
	Family Belonidae				
4	Freshwater garfish	<i>Xenentodon cancila</i>	Vodla mukku	(Hamilton, 1822)	LC
	Family Hemiramphidae				
5	Congaturi halfbeak	<i>Hyporhamphus limbatus</i>	Konga mukku	(Valenciennes, 1847)	LC
6	Red-tipped halfbeak	<i>Hyporhamphus xanthopterus</i>	Konga mukku	(Valenciennes, 1847)	VU
III	Order Characiformes				
	Family Characidae				
7	Pacu	<i>Piaractus brachypomus*</i>	Roopchandh	(Cuvier, 1818)	I
IV	Order Clupeiformes				
	Family Clupeidae				
8	Indian shad	<i>Tenualosa ilisha</i>	Polasa	(Hamilton, 1822)	LC
V	Order Cypriniformes				
	Family Balitoridae				
9	Striped loach	<i>Acanthocobitis botia</i>	Jerri chepa	(Hamilton, 1822)	LC
10	Mooreh loach	<i>Acanthocobitis mooreh</i>	Jerri chepa	(Sykes, 1839)	NE
11	Evezardi loach	<i>Indoreonectes evezardi</i>	Jerri chepa	(Day, 1872)	LC
12	Long bodied striped loach	<i>Longischistura striatus</i>	Jerri chepa	(Day, 1867)	EN
13	Black lined loach	<i>Nemacheilus anguilla</i>	Jerri chepa	(Annandole, 1919)	LC
14	Dayi loach	<i>Schisturadenisonii dayi</i>	Jerri chepa	(Hora, 1935)	LC
15	Denison's loach	<i>Schisturadenisonii denisonii</i>	Jerri chepa	(Day, 1867)	LC
	Family Cobitidae				
16	Leopard Loach	<i>Lepidocephalichthys berdmorei</i>	Vulicha	(Blyth, 1860)	LC
17	Guntea loach	<i>Lepidocephalichthys guntea</i>	Ulsha	(Hamilton, 1822)	
	Family Cyprinidae				
18	Indian carplet	<i>Amblypharyngodon microlepis</i>	Kodipe	(Bleeker, 1853)	LC
19	Indian carplet	<i>Amblypharyngodon mola</i>	Kodipe	(Hamilton, 1822)	LC
20	Arizalabeo	<i>Bangana ariza</i>	Aruza	(Hamilton, 1822)	LC
21	Sind labeo	<i>Bangana diplostoma</i>	Kodipe	(Heckel, 1838)	LC
22	Carnatic carp	<i>Barbodes carnaticus</i>	Perka-chapa	(Jerdon, 1849)	LC
23	Olive barb	<i>Barbodes sarana</i>	Gandeparaka	(Hamilton, 1822)	LC
24	Peninsular Olive barb	<i>Barbodes sarana subnasutus</i>	Parka	(Valenciennes, 1842)	LC
25	Malabar baril	<i>Barilius bakeri</i>	Kodipe	(Day, 1865)	LC
26	Barred baril	<i>Barilius barila</i>	Kodipe	(Hamilton, 1822)	LC
27	Baranabaril	<i>Barilius barna</i>	Kodipe	(Hamilton, 1822)	LC
28	Spotted baril	<i>Barilius bendelisis</i>	Kodipe	(Hamilton, 1822)	LC
29	Katla	<i>Catla catla</i>	Botcha	(Hamilton, 1822)	
30	Silver hatchet chela	<i>Chela cachius</i>	Getchu	(Hamilton, 1822)	LC
31	White carp	<i>Cirrhinus cirrhosa</i>	Aruza	(Bloch, 1795)	NE
32	Deccan white carp	<i>Cirrhinus fulungee</i>	Mosu	(Sykes, 1841)	LC
33	Mrigal	<i>Cirrhinus mrigala</i>	Yerramosu	(Hamilton, 1822)	
34	Reba carp	<i>Cirrhinus reba</i>	Chittrai	(Hamilton, 1822)	LC
35	Stone roller	<i>Crossocheilus latius</i>	Parkachepta	(Hamilton, 1822)	LC
36	Grass carp	<i>Ctenopharyngodon idella *</i>	Gaddi chepa	(Valenciennes, 1841)	I
37	Common carp	<i>Cyprinus carpio *</i>	Bangaru teega	(Linnaeus, 1758)	I
38	Zebra danio	<i>Danio rerio</i>	Chintakuparega	(Hamilton, 1822)	LC
39	Giant danio	<i>Devario aequipinnatus</i>	Nooltu	(Jerdon, 1849)	LC
40	Sind danio	<i>Devario devario</i>	Nooltu	(Hamilton, 1822)	NE
41	Flying barb	<i>Esomus danricus</i>	Astapakke	(Hamilton, 1822)	LC
42	Flying barb	<i>Esomus thermoicos</i>	Astapakke	(Valenciennes, 1842)	LC
43	Stone sucker	<i>Garra gotylagotyla</i>	Banda pakiri	(Gray, 1830)	NE
44	Nilgiris garra	<i>Garra gotyla stenorhynchus</i>	Banda pakiri	(Jerdon, 1849)	NE
45	Stone sucker	<i>Garra lamta</i>	Taatigoraka	(Hamilton, 1822)	LC
46	Stone sucker	<i>Garra mullya</i>	Banda pakiri	(Sykes, 1839)	LC
47	Stone sucker	<i>Garra mcclellandi</i>	Banda pakiri	(Jerdon, 1849)	LC
48	Melon barb	<i>Haludaria melanampyx</i>	Parka	(Day, 1865)	DD

49	Silver carp	<i>Hypophthalmichthys molitrix*</i>	Vendi chepa	(Valenciennes, 1842)	I
50	Big head carp	<i>Hypophthalmichthys nobilis*</i>	Big head	(Richardson, 1845)	I
51	Curmucu barb	<i>Hypselobarbus curmuca</i>	Parka	(Hamilton, 1822)	EN
52	Krishna Carp (Dobson's Carp)	<i>Hypselobarbus dobsoni</i>	Parka	(Day, 1876)	DD
53	Jerdon's carp	<i>Hypselobarbus jerdoni</i>	Pakki	(Jerdon, 1870)	LC
54	Kolus barb	<i>Hypselobarbus kolus</i>	Nilusu	(Sykes, 1839)	VU
55	Hump-backed mahaseer	<i>Hypselobarbus mussullah</i>	Goomansoor	(Sykes, 1838)	EN
56	Bata	<i>Labeo bata</i>	Mosu	(Hamilton, 1822)	LC
57	Jamuna fish	<i>Labeo boga</i>	Mosu	(Hamilton, 1822)	LC
58	Boggut	<i>Labeo boggut</i>	Nusigadu	(Sykes, 1841)	LC
59	Kalbasu	<i>Labeo calbasu</i>	Kakiparaka	(Hamilton, 1822)	LC
60	Common labeo	<i>Labeo dussumieri</i>	Parka	(Valenciennes, 1841)	LC
61	Dyocheilus	<i>Labeo dyocheilus</i>	Parka	(McClelland, 1839)	LC
62	Fringe- lipped carp	<i>Labeo fimbriatus</i>	Chitra	(Bloch, 1797)	LC
63	Kurialabeo	<i>Labeo gonius</i>	Mosu	(Hamilton, 1822)	LC
64	Deccan labeo	<i>Labeo kawrus</i>	Parka	(Sykes, 1841)	LC
65	Pig-mouthcarp	<i>Labeo kontius</i>	Pandigande	(Jerdon, 1849)	LC
66	Murreelabeo	<i>Labeo microphthalmus</i>	Parka	(Day, 1865)	LC
67	Pangusia labeo	<i>Labeo pangusia</i>	Done chepa	(Hamilton, 1822)	NT
68	Bombay labeo	<i>Labeo porcellus</i>	Moyya	(Heckel, 1844)	LC
69	Deccan labeo	<i>Labeo potail</i>	Baman- chepa	(Sykes, 1841)	EN
70	Rohu	<i>Labeo rohita</i>	Seelavathi	(Hamilton, 1822)	
71	Indian glass barb	<i>Laubuca laubuca</i>	Getchu	(Hamilton, 1822)	LC
72	Bengala Barb	<i>Megarasbora elanga</i>	Kattekodipe	(Hamilton, 1822)	LC
73	Manipur osteobrama	<i>Osteobrama belangeri</i>	Dammisa	(Valenciennes, 1844)	NT
74	Cunma osteobrama	<i>Osteobrama cunma</i>	Kagitamparaka	(Day, 1888)	NE
75	Peninsular osteobrama	<i>Osteobrama peninsularis</i>	Akuchepa	(Silas, 1952)	NE
76	Deccan cotio	<i>Osteobrama vigorsii</i>	Khira	(Sykes, 1841)	LC
77	Nashis barb	<i>Osteochilus nashii</i>	Pedda parka	(Day, 1868)	LC
78	Konti barb	<i>Osteochilichthys thomassi</i>	Pedda parka	(Day, 1877)	LC
79	Scarlet banded barb	<i>Puntius amphibius</i>	Perka-chapa	(Valenciennes, 1842)	DD
80	Swamp barb	<i>Puntius chola</i>	Pakki	(Hamilton, 1822)	LC
81	Stigma barb	<i>Puntius conchonius</i>	Perka-chapa	(Hamilton, 1822)	LC
82	Long-snouted barb	<i>Puntius dorsalis</i>	Perka	(Jerdon, 1849)	LC
83	Black-spot barb	<i>Puntius filamentosus</i>	Perka	(Valenciennes, 1844)	LC
84	Gelius barb	<i>Puntius gelius</i>	Perka	(Hamilton, 1822)	LC
85	Wynaab barb	<i>Puntius melanostigma</i>	Perka	(Day, 1878)	NE
86	Parrah barb	<i>Puntius parrah</i>	Perka	(Day, 1865)	LC
87	Spot fin swam barb	<i>Puntius sphenophorus</i>	Buddapakke	(Hamilton, 1822)	LC
88	One-spot barb	<i>Puntius terio</i>	Parigi chepa	(Hamilton, 1822)	LC
89	Fire-fin barb	<i>Puntius ticto</i>	Budda parka	(Hamilton, 1822)	LC
90	Silver barb	<i>Puntius vivitatus</i>	Parigi chepa	(Day, 1865)	LC
91	Canveryrasbora	<i>Rasbora caverii</i>	Kodipe chepa	(Jerdon, 1849)	LC
92	Slender Barb	<i>Rasbora daniconius</i>	Kattekodipe	(Hamilton, 1822)	LC
93	Gangetic scissortail	<i>Rasbora rasbora</i>	Kodipe chepa	(Hamilton, 1822)	LC
94	Vatanirohee	<i>Rothee ogilbii</i>	Aku chepa	(Sykes, 1839)	LC
95	Silver razor-belly minnow	<i>Salmophasia acinaces</i>	Chela	(Valenciennes, 1844)	LC
96	Bloch razor-belly minnow	<i>Salmophasia balookee</i>	Chela	(Sykes, 1839)	LC
97	Large razor-belly minnow	<i>Salmophasia bacaila</i>	Naddibedisha/chandamama	(Hamilton, 1822)	LC
98	Boopis razor-belly minnow	<i>Salmophasia boopis</i>	Chela	(Day, 1874)	LC
99	Hora razor-belly minnow	<i>Salmophasia horai</i>	Chela	(Silas, 1951)	VU
100	Fine scale razor-belly minnow	<i>Salmophasia phulo</i>	Blancha	(Hamilton, 1822)	LC
101	Mahanandi razor-belly minnow	<i>Salmophasia untrahi</i>	Akubedisha	(Day, 1869)	LC
102	Nukta	<i>Schismatichthys nukta</i>	Mukkidichepa	(Sykes, 1841)	EN
103	Sandkhola carp	<i>Thynnichthys sandholi</i>	Akuchepa	(Sykes, 1841)	EN
104	Deccan mahaseer	<i>Tor khudree</i>	Mansoor	(Sykes, 1838)	EN
VI	Order Cyprinodontiformes				
	Family Aplocheilidae				
105	Striped top-minnow	<i>Aplocheilus lineatus</i>	Minnow-chepla	(Valenciennes, 1846)	
106	Blue panchax	<i>Aplocheilus panchax</i>	Minnow-chepla	(Hamilton, 1822)	
Family Poeciliidae					
107	Mosquito fish	<i>Gambusia affinis*</i>	Gambusia	(Baird & Girard, 1853)	I
108	Guppy	<i>Poecilia reticulata*</i>	Guppi	(Peters, 1852)	I

VII	Order Mugiliformes				
	Family Mugilidae				
109	Corsula mullet	<i>Rhinomugil corsula</i>	Meedikandlachepta	(Hamilton, 1822)	LC
VIII	Order Osteoglossiformes				
	Family Notopteridae				
110	Clown knife fish	<i>Chitala chitala</i>	Goonimangallikatti / Vollenka	(Hamilton, 1822)	NT
111	Bronze featherback	<i>Notopterus notopterus</i>	Mangalikatti	(Pallas, 1769)	LC
IX	Order Perciformes				
	Family Ambassidae				
112	Indian glassy fish	<i>Chanda nama</i>	Akurati / Addamchepa	Hamilton, 1822	LC
113	Indian glassy fish	<i>Parambassis ranga</i>	Sarawa	(Hamilton, 1822)	LC
	Family Anabantidae				
114	Climbing perch	<i>Anabas testudineus</i>	Goraka chepa	(Bloch, 1792)	DD
	Family Channidae				
115	Dwarf snakehead	<i>Channa gachua</i>	Guruja	(Hamilton, 1822)	LC
116	Giant snakehead	<i>Channa marulius</i>	Poo meenu	(Hamilton, 1822)	LC
117	Spotted snakehead	<i>Channa punctata</i>	Buradamatta	(Bloch, 1793)	LC
118	Striped snakehead	<i>Channa striata</i>	Korrameenu	(Bloch, 1793)	LC
	Family Cichlidae				
119	Orange chromide	<i>Etroplus maculatus</i>	Duvvena chepa	(Bloch, 1785)	LC
120	Banded pearl spot	<i>Etroplus suratensis</i>	Duvenna chepa	(Bloch, 1785)	LC
121	Mozambique Tilapia	<i>Oreochromis mossambicus</i> *	Doobotcha	(Peters 1852)	I
122	Nile tilapia	<i>Oreochromis niloticus</i> *	Doobotcha	(Linnaeus, 1758)	I
	Family Gobiidae				
123	Scribbled goby	<i>Awaous grammepomus</i>	Uskedonthi	(Bleeker, 1849)	LC
124	Bar-eyed goby	<i>Glossogobius giuris</i>	Isikadondu	(Hamilton, 1822)	LC
	Family Nandidae				
125	Gangetic leaf-fish	<i>Nandus nandus</i>	Pandiparka	(Hamilton, 1822)	LC
	Family Osphronemidae				
126	Giant gourami	<i>Osphronemus goramy</i> *	Gourami	(Lacepède, 1801)	I
127	Banded gourami	<i>Trichogaster fasciata</i>	Kun-gee	(Schneider, 1801)	LC
128	Dwarf gourami	<i>Trichogaster lalius</i>	Paraka	(Hamilton, 1822)	NE
X	Order Siluriformes				
	Family Bagridae				
129	Krishna mystus	<i>Hemibagrus maydelli</i>	Ponduga	(Rössel, 1964)	LC
130	Irrawaddy mystus	<i>Hemibagrus microphthalmus</i>	Ponduga	(Day, 1869)	LC
131	Nilgiri mystus	<i>Hemibagrus punctatus</i>	Ponduga	(Jerdon, 1849)	CR
132	Day's mystus	<i>Mystus bleekeri</i>	Narjella	(Day, 1877)	LC
133	Gangetic mystus	<i>Mystus cavasius</i>	Mutijella	(Hamilton, 1822)	LC
134	Long whiskered catfish	<i>Mystus gulio</i>	Jella	(Hamilton, 1822)	LC
135	Jerdon's catfish	<i>Mystus malabaricus</i>	Jella	(Jerdon, 1849)	NT
136	Wynaad mystus	<i>Mystus montanus</i>	Jella	(Jerdon, 1849)	LC
137	Tengra mystus	<i>Mystus tengra</i>	Jella	(Hamilton, 1822)	LC
138	Stripped dwarf catfish	<i>Mystus vittatus</i>	Errajella	(Bloch, 1797)	LC
139	Mahanandi rita	<i>Rita chrysaea</i>	Buddajella	(Day, 1869)	LC
140	Rita	<i>Rita gogra</i>	Bankiyedu	(Sykes, 1841)	LC
141	Deccan rita	<i>Rita kuturnee</i>	Bondu	(Sykes, 1841)	LC
142	Long - whiskered catfish	<i>Sperata aor</i>	Mukuljella	(Hamilton, 1822)	LC
143	Giant river cat fish	<i>Sperata seenghala</i>	Multi jella	(Sykes, 1839)	LC
	Family Clariidae				
144	African catfish	<i>Clarias gariepinus</i> *	African marpu	(Burchell, 1822)	I
145	Air breathing catfish	<i>Clarias magur</i>	Marpu	(Linnaeus, 1758)	EN
	Family Heteropneustidae				
146	Stinging catfish	<i>Heteropneustes fossilis</i>	Ingilayee	(Bloch, 1794)	LC
	Family Loricariidae				
147	Amazon Sail-fin catfish	<i>Pterygoplichthys pardalis</i> *	Dayyapu chepa	(Castelnau, 1855)	I
	Family Pangasiidae				
148	Pangash	<i>Pangasius pangasius</i>	Banka jella	(Hamilton, 1822)	LC
149	Sutchi catfish	<i>Pangasius sutchi</i> *	Pangas	(Fowler, 1937)	I
	Family Schilbeidae				
150	Gangetic ailia	<i>Ailia coila</i>	Vellekalada	(Hamilton, 1822)	NT
151	Goongwaree vacha	<i>Eutropiichthys goongwaree</i>	Gaddamsiluva	(Sykes, 1841)	DD
152	Batchawa vacha	<i>Eutropiichthys vacha</i>	Seervajella	(Hamilton, 1822)	LC
153	Indian potosi	<i>Neotropius atherinoides</i>	Akujella	(Bloch, 1794)	LC
154	Khavalcher catfish	<i>Neotropius khavalchor</i>	Kochamoothijella	Kulkarni, 1952	DD
155	Indian taakree	<i>Proeutropiichthys taakree</i>	Sirivajella	(Sykes, 1841)	LC

156	White catfish	<i>Silonia childreni</i>	Wan-jow	(Sykes, 1841)	EN
	Family Siluridae				
157	Butter catfish	<i>Ompok bimaculatus</i>	Buggadamma	(Bloch, 1797)	NT
158	Pabda catfish	<i>Ompok pabda</i>	Gogli	(Hamilton, 1822)	NT
159	Pabo catfish	<i>Ompok pabo</i>	Theeduva	(Hamilton, 1822)	NT
160	Freshwater shark	<i>Wallagoattu</i>	Valuga	(Bloch & Schneider, 1801)	NT
	Family Sisoridae				
161	Bagarius goonch	<i>Bagarius bagarius</i>	Guddi chepa	(Hamilton, 1822)	NT
XI	Order Synbranchiformes				
	Family Mastacembelidae				
162	One stripe spiny eel	<i>Macrognathus aral</i>	Bommidai / Kontemukku	(Bloch & Schneider, 1801)	LC
163	Malabar spiny eel	<i>Macrognathus guentheri</i>	Bommidai / Kontemukku	(Day, 1865)	LC
164	Barred spiny eel	<i>Macrognathus pacalus</i>	Kontemukku	(Hamilton, 1822)	LC
165	Zig – zag spiny eel	<i>Mastacembelus armatus</i>	Bommidai / Kontemukku	(Lacepède, 1800)	LC

Note: *Exotic, EN - Endangered, NT - Near Threatened, LC - Least Concern, NE - Not Evaluated, DD - Data Deficient; VU-Vulnerable; CR-Critically Endangered; I - Introduced.



Pie chart 1: Order-wise dominance of fish species in Telangana



Anguilla bengalensis



Bagarius bagarius



Ompok bimaculatus



Osteobrama belangeri



Silonia childreni



Labeo pangusia



Tor khudree



Hypselobarbus mussullah



Schismatorhynchos nukta



Hemirhamphus xanthopterus

2. References

1. Rahimullah M. Fish Survey of Hyderabad State Part III – Fishes of Medak District. *Journal of the Bombay Natural History Society*. 1944; 47:102-111.
2. Mahmood S, Rahimullah M. Fish Survey of Hyderabad State Part IV – Fishes of the Medak District, *Journal of the Bombay Natural History Society*. 1947; 14:73-77.
3. David A. Studies on Fish and Fisheries of the Godavari and the Krishna river systems. Part I, Proceedings of the National Academic Science, Section B. 1963; 33(2):263:286.
4. Barman RP. Pisces: Freshwater fishes, India: State fauna series 5, Fauna of Andhra Pradesh, Part-I, ZSI Publication. 1993; 89-334.
5. Babu Rao M. Studies on the ecology and fish fauna of an oligotrophic lake Hamayatsagar Hyderabad (A.P.) Rec Adv in freshwater Biology. 1997; 2(8):123-138.
6. Barman R. On the fish fauna of Koilsagar, Mahabubnagar district, Andhra Pradesh, south India with suggestions for conservation of its vulnerable species Rec zool Surv India. 2003;101(3-4):109-114.
7. Chandrasekhar SVA. Fish Fauna of Hyderabad and its Environs- Review Zoos' Print Journal. 2004; 19(7):1530-1533.
8. Johnmohammad M, Krishna PV, Shabbar Khan, Mohd Azharuddin. Checklist of fresh water fishes of the Paler reservoir in Khammam district, Telangana, India, International Journal of Innovation Sciences and Research. 2015; 4(2):050-052.
9. Johnmohammad M, Krishna PV, Shabbar Khan, Mohd. Azharuddin. The study of fish diversity of Wyra reservoir Khammam district, Telangana, India, International Journal of Innovation Sciences and Research. 2015; 4(2):047-049.
10. Krishna SM, Piska RS. Ichthyofauna of a sacred lake Durgamcheruvu, Ranga Reddy district A.P India, J Aqua Biol. 2006; 21(1):77-79.
11. Laxmappa B, Jithender Kumar Naik S, Vamshi S. Ichthyofaunal diversity of Koilsagar reservoir in Mahabubnagar District, Telangana, India, International Journal of Fisheries and Aquatic Studies. 2014; 2(3):23-30.
12. Laxmappa B, Ravinder Rao B, Venkata Siva Narayana D. Studies on Ichthyofaunal diversity of Krishna River in Mahabubnagar District, Telangana, India, International Journal of Fisheries and Aquatic Studies. 2015; 2(5):99-104.
13. Mahender J, Laxmappa B, Jagadeeshwara Chari, Rajashekhar AV. Study on ichthyofauna of Chenugonipally Peddacheruvu tank in Mahabubnagar district, Telangana, India, International Journal of Fisheries and Aquatic Studies. 2016; 4(1):101-106.
14. Nageswara Rao CA, Deepa J, Md Hakeel. Comparative account on ichthyofauna of Pocharam and Wyra lakes of Andhra Pradesh, India, *Journal of Threatened Taxa*. 2011; 3(2):1564-1566.
15. Narasimha Ramulu K, Benarjee G. Fish Species Diversity of Nagaram Tank of Warangal, Andhra Pradesh IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT). 2013; 3(4):14-18.
16. Rama Rao K. Ichthyofaunal bio diversity in the lower Manair Dam at Karimnagar district; Telangana State, India, Advances in Applied Science Research. 2014; 5(5):237-248.
17. Ramu G, Ravindar B, Narasimha Ramulu K, Benarjee G. The Fish Fauna of Mylaram Reservoir in Warangal District, Andhra Pradesh Aquaculture. 2009; 10(2):313-316.
18. Srikanth K, Ramu G, Benarjee G. The study on Ichthyofaunal diversity of Ramappa Lake, Warangal District. A.P. India, J Aqua Biol. 2009; 24(2):57-60.
19. Sreenivas Reddy B, Satya Parameshwar K. Ichthyofaunal Diversity of Chandrasagar and Ramanpad Reservoirs in Mahabubnagar District, Telangana, India, International Journal of Fisheries and Aquatic Studies. 2015; 3(2):40-49.
20. Sreenivas Reddy B, SatyaParameshwar K. Ichthyofaunal Diversity of Saralasaragar Reservoir in Mahabubnagar District, Telangana, India, International Journal of Fauna and Biological Studies. 2015; 2(5):33-41.
21. Srinivas Reddy G, Balakrishna D, Ravinder Reddy T. A Study of Physico-Chemical Parameters and Fish Diversity of Nizam Sagar Dam, Nizamabad, Telangana, International Journal of Fisheries and Aquatic Studies. 2015; 3(2):248-254.
22. Surender Reddy K, Balakrishna D, Swarna Latha U, Ravinder Reddy T. Ecological Studies of Renuka Yellamma Lake, Peddapally, Karimnagar District, Telangana, Indian Journal of Biology. 2015; 2(1):13-17.
23. Thirupathaiah M, Samatha Ch, Sammaiah Ch. A Checklist of Freshwater Fishes of the Lower Manair Reservoir in Karimnagar District, AP, India. Res J Animal Veterinary and Fishery Sci. 2013; 1(6):10-14.
24. Thirupathaiah M, Samatha Ch, Sammaiah Ch. Diversity and Conservation Status of Fish Fauna in Freshwater Lake of Kamalapur, Karimnagar District, Telangana, India, IOSR Journal of Environmental Science, Toxicology and Food Technology. 2014; 8(5):9-24.
25. Jayaram KC. The Freshwater Fishes of the Indian Region, Narendra Publishing House, New Delhi, 2012.
26. Menon AGK. Check list-Freshwater Fishes of India, Rec Zool Surv India, Occ Zoological Survey of India, Kolkata India. 1999; 175(1-29):1-366.
27. Nelson JS. Fishes of the World. Fourth Edition; John Wiley & Sons, 2006.
28. Fish Base: List of Freshwater Fishes reported from India: www.fishbase.org.
29. The IUCN Red List of Threatened Species: www.iucnredlist.org