

ICHTHYOFAUNA OF JANNAPURA POND, BHADRAVATHI, KARNATAKA

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Jannapura pond is located in Bhadravathi, a city having paper and steel factories, situated in Shimoga district in the mid south western part of Karnataka state (13°48'37"-13°52'30"N & 75°40'42"-75°43'33"E). This water body is perennial one situated near left bank channel of Bhadra reservoir and receives the channel water as well as rain water covering an area of 18ha and 10-15m depth. The water from this pond is used for irrigation and as well as for inland fishery development purposes. No studies have been carried out so far on the fish fauna of the pond, hence fish specimens were collected from fishermen's catches, from September 2001 to February 2002. The water quality parameters of the tank were studied (APHA, 1998): pH of the water was between 7.5 to 7.8, temperature from 24 to 30°C, carbon dioxide was above 13mg/l, dissolved oxygen ranged between 4.03-4.41mg/l, and hardness was above 36mg/l.

Fish species collected from Jannapur tank revealed 25 species belonging to 21 genera in 11 families of five orders. Majority of the species (22) were native. Three species, viz., *Ctenopharyngodon idellus* (Valenciennes), *Cyprinus carpio* (Linnaeus) and *Oreochromis mossambica* (Peters) were introduced species. The checklist of fishes is given below. Talwar and Jingran (1991) and Jayaram (1999) have been followed while listing the species.

Order: Osteoglossiformes
Suborder: Notopteroidae
Family: Notopteridae
Notopterus notopterus (Pallas)

Order: Cypriniformes
Family: Cyprinidae
Subfamily: Cyprininae
Catla catla (Hamilton - Buchanan)
Cirrhinus fulungee (Sykes)
Cirrhinus mrigala (Hamilton - Buchanan)
Ctenopharyngodon idellus (Valenciennes)*
Cyprinus carpio carpio (Linnaeus)*
Labeo calbasu (Hamilton - Buchanan)
Labeo rohita (Hamilton - Buchanan)
Osteobrama cotio cunma (Day)
Puntius chola (Hamilton - Buchanan)

Subfamily: Cultrinae
Salmostoma untrachi (Day)

Subfamily: Rasborinae
Amblypharyngodon meletinus (Valenciennes)
Rasbora daniconius (Hamilton - Buchanan)

Subfamily: Garrinae
Garra kempfi Hora

Order: Siluriformes
Family: Bagridae
Subfamily: Bagrinae
Mystus cavasius (Hamilton - Buchanan)
Family: Siluridae
Ompok bimaculatus (Bloch)

Family: Clariidae
Clarias batrachus (Linnaeus)

Order: Cyprinodontiformes
Suborder: Cyprinodontoidae
Family: Aplocheilidae
Aplocheilus panchax (Hamilton - Buchanan)

Family: Poeciliidae
Gambusia affinis (Baird -Girard)

Order: Perciformes
Suborder: Percoidei
Family: Ambassidae
Ambassis kopsii Bleeker

Family: Cichlidae
Oreochromis mossambica (Peters)*

Suborder: Channoidei
Family: Channidae
Channa marulius (Hamilton - Buchanan)
Channa punctatus (Bloch)
Channa striatus (Bloch)

Suborder: Mastacembeloidei
Family: Mastacembelidae
Mastacembelus armatus (Lecepede)

* Introduced species

REFERENCES

- APHA (1998). *Standard Methods for the Examination of Water and Wastewater*. 20th Edition. American Public Health Association, Washington, USA.
Jayaram, K.C. (1999). *The Freshwater Fishes of the Indian Region*. Narendra Publishing House, Delhi, 551pp+18pls.
Talwar, P.K. and A.G. Jhingran (1991). *Inland Fishes of India and Adjacent Countries*. Vol. 1&2. Oxford and IBH Publishing Co. Pvt. Ltd., 1158pp.



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