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# STUDY OF FRESH WATER FISHES BIODIVERSITY FROM PAITHAN

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**ABSTRACT :**
*The present study carried out of fishes biodiverstity in paithan reservoir district Auranagabad district Maharashtra state. Paithan reservoir fish diversity is represent 43 species belonging to 27 genera and 14 families to 8 order.*

**KEY WORDS:** *fish diversity economic importance , Paithan reservoir.*

## INTRODUCTION:

Fishes are one of the most important group in vertebrates in fresh water as well as marine water. Millions Human are suffer from hunger. The fishes are reach source of food and provide to million of human as a meal. And addition to serve the diet of human which provides vitamins and proteins , phosphorus and other element. Inland fishes studied by Jayram(1981) day Misra And Hamilton(1822). Indian reservoir is most important for socio economic and provide the employment of million of people. In Maharashtra 180430 hector under reservoirs. The aurangabad region live water storage is just 12.49 million cusecs.while the gross stroage is 987.26 milion cusecs.

The present investigation was undertaken tostudy of fishes from Nathsager dam from Paithan. Such dam is one of the major irrigation project in maharashtra state. The Nathsager reservoir built on Godavari irrigates an area 2.909 km3.. the length of dam is 9,998m and hight is 41.30m . It is largest earthan irrigation project of Aurangabad district.

## MATERIAL AND METHOD:

The fishes are collected from nath sager dam with help of fisherman and identified by literature of Jayram (1981) and Hamilton (1822).

## RESULT AND DISCUSSION:

The result of present study is to conferm 43 specis of fish and 27 genera, 14 families and 8 order which show below table. The cypriniformes was dominant with 22 species to be followed by siluriformes with 8 species.channifromes with 4 species. Preciformis with 3 species while the order of clupeiformes and mastemveliformes 2 species and rest fo orders Beloniformes and Mugiliformes .

Table - Fresh Water fish fauna In Paithan

| Sr. No. | Order | Family | Scientific name of fish species |
|---|---|---|---|
| 1 | **Cypriniformes** | Cyprinidea | Chelaphulo (Ham) |
| | | | **Chela sladoni (Day)** |
| | | | Cyprinuscorpio( Linn) |
| | | | **Catlacatla (Ham.)** |
| | | | Cirrhinusmrigala(Ham.) |
| | | | **cirrhinusreba(Hem.)** |
| | | | Ambylpharyngodonmicolepis(Bleaker) |
| | | | discognathuslamta (Ham) |
| | | | Labeorohita (Ham) |
| | | | Labeocalbasu(Ham.) |
| | | | Osteobramacotio(Ham.) |
| | | | Osteobramabelkaeri (Skyes) |
| | | | Puntiusamphibias(Velenciencnes) |
| | | | Puntiusjerdoni (Day) |
| | | | Puntiussaranasarana (Ham.) |
| | | | Puntiustictoticto (Ham.) |
| | | | Puntiussophere(Ham.) |
| | | | **Hpothalamichthysmolitres(Vel)** |
| | | | Thynnichtyssandkhol (Skyes) |
| | | | Rasaboradaniconius(Ham.) |
| | | Cobititudea | Lepidocephalichtiysguntea(Ham.) |
| | | | Nemacheilusbotia(Ham) |
| 3 | **clupeiformes** | Notopteroidei | Notopterusnotopterus(Pallas) |
| | | | **Notopteruschitala(Ham.)** |
| 4 | **Siluriformes** | Bagridae | Mystusapr.(Ham.) |
| | | | Mystusbleekeri(Day) |
| | | | Mystuscavasisus(Ham.) |
| | | | Mystusseenghala(Skyes) |
| | | | |
| | | | |
| | | | |
| | | Claridea | Clariuasbatrachus(Linnaeus) |
| | | Heteropneustdae | Heteropneustes fossils(Bloch) |
| | | Siluridae | Wallagoattu(Bloch and Schneider) |
| | | | ompakbimachulatus (Bloch) |
| | | Belonidae | Xenethodoncancila(Ham. |
| 5 | Beloniformes | Mugilidae | Mugilcephalus(Linnaeus) |
| 6 | Mugiliformes | Channidae | Channagaucha(Ham.) |
| 7 | Channiformes | | Channamarulius(Ham.) |
| | | | Channastriatus (Bloch) |
| | | | Channapunctatus(Bloch) |

| | | | |
|---|---|---|---|
| | | mastacembelidae | Mastacembelusarmatus(Lecepede) |
| 8 | Mastacembaliformes | | Mastacembeluspancalus(Ham.) |
| 9 | Preciformes | Anabantidae | Anabas testudineus(Bloch) |

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