

Species	Location	Month of collection	Habitat	Avg length; Diameter (cm)	Total segments / Ciltellar segments / Type of clitellum	Prostomium	Location of prostate glands	Spermathecae number / Location
<i>Lenngaster chittagongensis</i> Stephenson, 1917	Nathwai, Sukhna WLS	September, 2002	Soil rich in moisture	2.4-7; 0.15	120; XIII-XVII; A	Epi	XVII	1; 8
<i>Lenngaster pusillus</i> Stephenson, 1920	Kansal forest, Chandigarh (U.T.)	August, 2000	Soils rich in organic matter, leaf litter and humus	2.5-4.5; 0.13	100-125; XIII-XVII; A	Pro-epi	XVII	1; 8
<i>Octochaetona beatrix</i> Beddard, 1902	Hoshiarpur	March, 2001	Earth of potted plants	7-8; 0.35	170-180; XIII-XVII, XVIII; A	Epi	XVII & XIX	2; 8, 9
<i>Ramiella bishamberensis</i> Stephenson, 1914	Forest near Sukhna lake, Chandigarh (U.T.)	August, 2000	Moist neutral soils	3.5; 0.1	85; XIV- XVI; A	Epi	XVII-XIX	2; 8, 9
Family: Moniligastridae <i>Drawida japonica</i> Michaelson, 1917	Solan	June, 2003	Soils rich in organic matter	3-6; 0.26	130-142; inconspicuous clitellum	Pro	X	1; 7/8

Tany - Tanylobous; Pro - Prolobous; Epi - Epilobous; S - Saddle; A - Annular



NOTE

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ICHTHYOFAUNA FROM FOUR DISTRICTS OF MARATHWADA REGION, MAHARASHTRA, INDIA

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The Marathwada region of Maharashtra is one of the richest in aquatic resources that includes tributaries of river Godavari, Purna, Painganga, Manjara and Dudhana apart from reservoirs and lakes. In the field of ichthyology valuable contributions have been made by Ahirrao and Mane (2000) who studied ichthyofauna from Parbhani district of Maharashtra state and Sakhare (2001) who studied ichthyofauna of Jawalgaon Reservoir in Solapur district in Maharashtra state. The present work was mainly undertaken to investigate the fish diversity from this region and it is first effort in this direction.

The survey work was mainly undertaken in four major districts, namely, Aurangabad, Nanded, Parbhani and Osmanabad of Marathwada region. From these districts some of the places having small and big water resources with fishery potential were selected for collection of ichthyofauna. Some of the important places under study include:

Aurangabad district:

Collection sites: Aurangabad, Paithan, Werul, Ajantha, Sillod.
Water resources: Godavari river, Kham river, Nathsagar dam, Purna river, Salim Ali lake, Harsool lake, Tisgaon pond, Khajan pond, etc.

Parbhani district:

Collection sites: Parbhani, Yeldari, Purna, Jintur etc.

Water resources: Purna river, Kapra river, Masoli lakes, Yeldari dam, Jam pond, Rahati pond, etc.

Nanded district:

Collection sites: Nanded, Vishnupuri, Kandhar, Kinwat, Mahur
Water resources: Godavari river, Manar river, Painganga river, Vishnupuri dam, Jagatunga Samudra reservoir, Dhamdari pond.

Osmanabad district:

Collection sites: Osmanabad, Tuljapur, Naldurg, Kallam, Bhum
Water resources: Terna river, Manjara river, Sina river, Bori dam, Tugao pond, etc.

Fishes were collected during regular monthly between May 2003 and April 2004 from the local fish markets and fishing spots of different places. The local fishermen fish using different types of gill nets, cast nets, Maccharjali, disco nets operated through indigenously designed rafts and Ratnagiri type boats. After systematic identification the specimens were preserved in 4% formalin and deposited in the Zoology Department Museum, Dr. Babasaheb Ambedkar Marathwada University Aurangabad after providing appropriate registration numbers and other details. The identification of the fishes were carried out with the help of standard literature (Day, 1878; Jayram, 1981; Qureshi & Qureshi, 1983; Datta & Srivastava, 1988; Talwar & Jhingran, 1991).

Sixty-six fish species belonging to 33 genera, 16 families and eight orders were recorded from the freshwaters of four districts of Marathwada region in Maharashtra state (Table 1). The ichthyofauna consisted of carps, catfishes and trash fishes. The carps dominated overall over other groups throughout the year. The group also supported capture as well as culture fishery

Table 1. Ichthofauna collected from selected sites of four districts of Marathwada region

Species	Registration Number	Date of collection	Locality with districts		Habitat
Class: Pisces					
Subclass: Teleostei					
Order: Clupeiformes					
Suborder: Notopteroidei					
Family: Notopteridae					
<i>Notopterus notopterus</i> (Pallas)	30	4/11/03	Aurangabad	Aurangabad	Lake
<i>Notopterus chitala</i> (Ham.)	29	4/11/03	Aurangabad	Aurangabad	Lake
Order: Cypriniformes					
Suborder: Cyprinoidei					
Family: Cyprinidae					
<i>Chela argentea</i> (Cuv. & Val.)	43	8/1/04	Nanded	Nanded	River
<i>Chela phulo</i> (Ham.)	53	5/2/04	Daultabad	Aurangabad	Pond
<i>Chela sladoni</i> (Day.)	54	15/02/2004	Naldurg	Osmanabad	Reservoir
<i>Cyprinus corpio</i> (Linn.)	07	22/06/2003	Daultabad	Aurangabad	Pond
<i>Catla catla</i> (Ham.)	01	28/05/2003	Paithan	Aurangabad	Reservoir
<i>Cirrhinus mrigala</i> (Ham.)	55	25/02/2004	Paithan	Aurangabad	Reservoir
<i>Cirrhinus reba</i> (Ham.)	12	13/07/2003	Kinwat	Nanded	River
<i>Cirrhinus flungee</i> (Ham.)	63	6/4/04	Kinwat	Nanded	River
<i>Amblypharyngodon microlepis</i> (Bleeker)	52	3/2/04	Paithan	Aurangabad	Reservoir
<i>Amblypharyngodon mola</i> (Ham.)	20	13/09/2003	Vishnupuri	Nanded	Reservoir
<i>Discognathus modestus</i> (Hacker)	57	21/03/2004	Parbhani	Parbhani	Pond
<i>Discognathus lamta</i> (Ham.)	34	28/11/2003	Werul	Aurangabad	Lake
<i>Labeo rohita</i> (Ham.)	08	22/06/2003	Daultabad	Aurangabad	Pond
<i>Labeo calbasu</i> (Ham.)	59	25/03/2004	Paithan	Aurangabad	Reservoir
<i>Labeo boggut</i> (Skyles)	64	6/4/04	Kinwat	Nanded	River
<i>Labeo fimbriatus</i> (Bloch)	40	29/12/2003	Vishnupuri	Nanded	Reservoir
<i>Osteobrama cotio</i> (Ham.)	32	24/11/2003	Paithan	Aurangabad	Reservoir
<i>Osteobrama belkeri</i> (Skyles)	31	14/11/2003	Nanded	Nanded	River
<i>Puntius amphibias</i> (Valeneiennes)	36	5/12/03	Aurangabad	Aurangabad	Pond
<i>Puntius chola</i> (Ham.)	47	3/2/04	Naldurg	Osmanabad	Reservoir
<i>Puntius conchonius</i> (Ham.)	48	3/2/04	Naldurg	Osmanabad	Reservoir
<i>Puntius jerdoni</i> (Day)	66	19/04/2004	Parbhani	Parbhani	Pond
<i>Puntius sarana sarana</i> (Ham.)	49	19/04/2004	Parbhani	Parbhani	Pond
<i>Puntius ticto ticto</i> (Ham.)	37	5/12/03	Aurangabad	Aurangabad	Pond
<i>Puntius sophore</i> (Ham.)	50	3/2/04	Tuljapur	Osmanabad	Reservoir
<i>Puntius stigma</i> (Day)	13	15/07/2003	Tuljapur	Osmanabad	Reservoir
<i>Hypothalamichthys molitrex</i> (Val.)	22	13/09/2003	Vishnupuri	Nanded	Reservoir
<i>Thynnichthys sandkhol</i> (Skyles)	51	3/2/04	Paithan	Aurangabad	Reservoir
<i>Tor tor</i> (Ham.)	23	21/09/2003	Kinwat	Nanded	River
<i>Barilius barila</i> (Ham.)	09	12/7/03	Naldurg	Osmanabad	Reservoir
<i>Barilius bendelisis</i> (Ham.)	11	12/7/03	Naldurg	Osmanabad	Reservoir
<i>Barilius barna</i> (Ham.)	10	12/7/03	Naldurg	Osmanabad	Reservoir
<i>Rasbora daniconius</i> (Ham.)	38	6/12/03	Daultabad	Aurangabad	Pond
<i>Ctenopharyngodon idella</i> (Ham.)	42	8/1/04	Nanded	Nanded	River
Family: Cobitidae					
<i>Lepidocephalichthys guntea</i> (Ham.)	39	6/12/03	Daultabad	Aurangabad	Pond
<i>Nemacheilus aureus</i> (Ham.)	41	29/12/2003	Vishnupuri	Nanded	Reservoir
<i>Nemacheilus beavani</i> (Ham.)	46	21/01/2004	Puma	Parbhani	River
<i>Nemacheilus botia</i> (Ham.)	35	29/11/2003	Aurangabad	Aurangabad	Pond
Order: Siluriformes					
Family: Bagridae					
<i>Mystus aor</i> (Ham.)	24	2/10/03	Paithan	Aurangabad	Reservoir
<i>Mystus bleekeri</i> (Day)	25	7/10/03	Puma	Parbhani	River
<i>Mystus cavasius</i> (Ham.)	18	1/9/03	Werul	Aurangabad	Lake
<i>Mystus seenghala</i> (Sykes)	19	1/9/03	Werul	Aurangabad	Lake
<i>Mystus tengara</i> (Dum)	60	28/03/2004	Jintur	Parbhani	Pond
<i>Mystus vittatus</i> (Bloch)	44	12/1/04	Parbhani	Parbhani	Pond
<i>Rita rita</i> (Ham.)	45	12/1/04	Parbhani	Parbhani	River
Family: Clariidae					
<i>Clarias batrachus</i> (Linnaeus)	05	15/06/2003	Aurangabad	Aurangabad	Lake
<i>Clarias gariepinus</i> (Cuv-val)	06	18/06/2003	Mahur	Nanded	River
Family: Heteropneustidae					
<i>Heteropneustes fossilis</i> (Bloch)	21	13/09/2003	Vishnupuri	Nanded	Reservoir
Family: Schilbeidae					
<i>Pseudeutropius taakree</i> (Bleeker)	65	17/04/2004	Puma	Parbhani	River
Family: Siluridae					
<i>Wallago attu</i> (Bloch and Schneider)	17	7/8/03	Paithan	Aurangabad	Reservoir
<i>Ompak bimaculatus</i> (Bloch)	16	7/8/03	Paithan	Aurangabad	Reservoir

Species	Registration Number	Date of collection	Locality with districts		Habitat
Order: Beloniformes					
Family: Belontiidae					
<i>Xenentodon cancila</i> (Ham.)	27	20/10/2003	Paithan	Aurangabad	Reservoir
Order: Mugiliformes					
Family: Mugilidae					
<i>Mugil cephalus</i> (Linnaeus)	04	1/6/03	Paithan	Aurangabad	Reservoir
Order: Channiformes					
Family: Channidae					
<i>Channa gaucha</i> (Ham.)	33	26/11/2003	Daultabad	Aurangabad	Pond
<i>Channa punctatus</i> (Bloch)	62	30/03/2004	Khandhar	Nanded	River
<i>Channa marulius</i> (Ham.)	61	30/03/2004	Khandhar	Nanded	River
<i>Channa striatus</i> (Bloch)	26	11/10/03	Werul	Aurangabad	Lake
Order: Mastacembaliformes					
Family: Mastacembelidae					
<i>Mastacembelus armatus</i> (Lacepede)	02	28/05/2003	Paithan	Aurangabad	Reservoir
<i>Mastacembelus pancalus</i> (Ham.)	03	28/05/2003	Paithan	Aurangabad	Reservoir
Order: Perciformes					
Family: Anabantidae					
<i>Anabas testudineus</i> (Bloch)	28	20/10/2003	Paithan	Aurangabad	Reservoir
Family: Gobiidae					
<i>Glossogobius giuris</i> (Ham.)	56	19/03/2004	Paithan	Aurangabad	Reservoir
Family: Ambassidae					
<i>Chanda nama</i> (Ham.)	14	16/07/2003	Naldurg	Osmanabad	Reservoir
<i>Chanda ranga</i> (Ham.)	15	16/07/2003	Naldurg	Osmanabad	Reservoir
Family: Cichlidae					
<i>Tilapia mossambica</i> (Ham.)	58	25/03/2004	Paithan	Aurangabad	Reservoir

of the region. The catfishes are important for capture fishery.

The species of *Channa*, *Mastacembelus*, *Clarias*, *Heteropneustes*, *Anabus* etc. have air breathing organs and fetch good market value as live fish. *Puntius sophore*, *P. sarana sarana*, *P. ticto ticto*, *P. stigma*, *P. amphibias*, *P. jerdoni*, *Nemacheilus botia*, *Lepidocephalichthys guntea*, *Chanda nama*, *C. ranga*, *Amblypharyngodon microlepis* have ornamental value due to small size and bright colours and can be used as aquarium fishes.

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