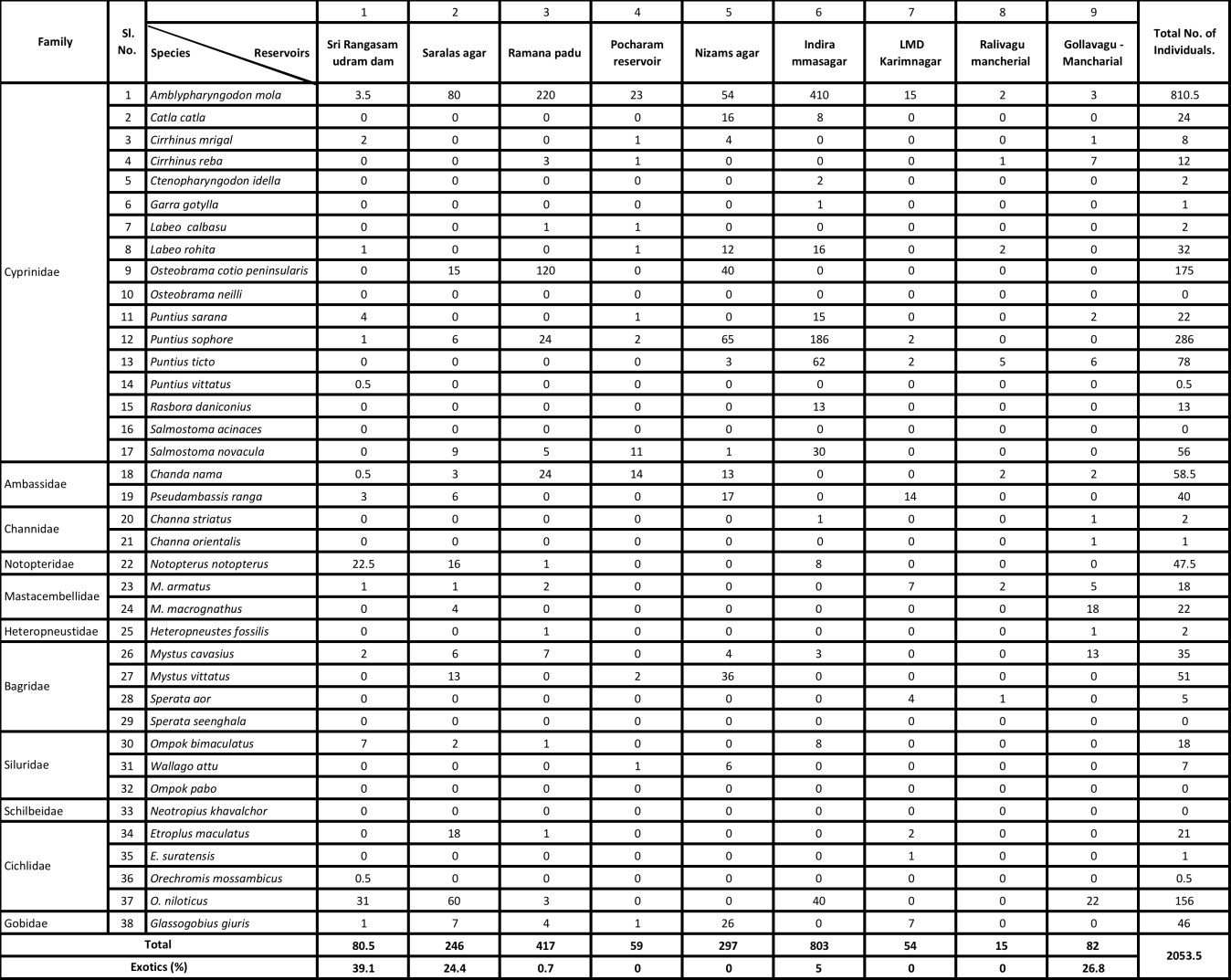
**Baseline study for Fisheries Development in Telangana state**

**ANN – 5.5**

Assessment of fish assemblage

**Studies carried out by various institutions. Shift-annexure**

* **LMD reservoir:** Reported occurrence of 64 fish belonging to eight orders, 19 families and 39 genera in the dam waters; dam was an ideal habitation to various types of fish species including ornamental  fishes. Presence of 53 species of ornamental fish at the reservoir; The fishes belong to eight orders, out of which, cypriniformes is dominant with 23 species; Documented occurrence of Scribbled goby, a rarest fish species listed in the red species published by International Union for Conservation of Nature (IUCN), while studying fish population at the dam ((Dr. Karri Rama Rao, 2014, Kakatiya University; Research study under UGC sponsorship (published in the journal of Pelagia Research Library Advances in Applied Science Research, 2014.and journal of the International Organisation of Scientific Research (IOSR) Journal of Pharmacy and Biological Sciences)
* **Saralasagar reservoir :** Good potential for fish fauna : A total of 33 fish species belongs to 7 orders, 22 genera of 13 families were recorded. Order Cypriniformes was most dominant group represented by 12 species followed by orders Perciformes with 9 species. Siluriformes with 8 species, Osteoglossiformes 1 species, Beloniformes 1 species, Anguilliformes 1 species and Synbranchiformes 1 Species. Cyprinidae was the most dominant family. Out of 33 fish species 26 have least concern status, 3 are near threatened, 2 are Vulnerable, one is not evaluated and one is data deficient.
* **Ramanpad reservoir :** River fed reservoir Fish diversity was high in Ramanpad; 32 species belong to 6 orders, 21 genera of 11 families in Ramanpad reservoir. Cypriniformes was the dominating order and is represented by 11 species followed by orders Siluriformes with 9 species, Perciformes 9 species, Osteoglossiformes 1 species, Beloniformes 1 species and Synbranchiformes 1 species.
* **Chandrasagar: Rain fed reservoir situated in Mahabubnagar district :** A total of 19 fish species belongs to 3 orders, 16 genera of 8 families. order Cypriniformes was most dominant group represent by 10 species followed by orders Perciformes with 5 species and Siluriformes with 4 species.

(**study was undertaken between March-2013 and February-2015 covering two hot and two wet seasons**).