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| been recorded, of which 1,518 species are from the marine environment, 113 from brackish waters and 877 are from freshwater habitats. In addition, 291 exotic fish species also occur in India.  **Fish Diversity of India\***   |  |  | | --- | --- | | ***Native Fishes*** | ***Number of Species*** | | Marine Ecosystem | 1518 | | Brackishwater Ecosystem | 113 | | Freshwater Ecosystem | 877 | | **Sub-total** | **2508** | | ***Exotic Fishes*** | 291 | | **Total** | **2799** |   \*U[ttam K Sarkar,](https://www.researchgate.net/profile/Dr_uttam_Sarkar) [JK Jena,](https://www.researchgate.net/scientific-contributions/58061200_J_K_Jena) [Shri Prakash Singh,](https://www.researchgate.net/profile/Shri_Singh7) [AK Singh](https://www.researchgate.net/scientific-contributions/2047071096_A_K_Singh) and SC Rebello (2012). *Documenting Coastal Fish Bi[odiversity of Ind](https://www.researchgate.net/profile/Dr_uttam_Sarkar)i[a: Status](https://www.researchgate.net/scientific-contributions/58061200_J_K_Jena), [Issues and Challeng](https://www.researchgate.net/profile/Shri_Singh7)e[s.](https://www.researchgate.net/scientific-contributions/2047071096_A_K_Singh)* [Confere](https://www.researchgate.net/scientific-contributions/2047071096_A_K_Singh)nce Paper, International Day for Biological Diversity, Marine Biodiversity, 22 May 2012, Uttar Pradesh State Biodiversity Board, Lucknow, pp. 22-28.  **Categorization of Fish by their habitat:**  •**Freshwater Fish:** Fish that spend most or all of their life in freshwaters, such as rivers and lakes, having a salinity of less than 0.5 ppt. Around 40% of all known species of fish are found in freshwater.  They may be divided into **Coldwater Fish** (5 – 20 oC); examples: Mahseer, Trout, etc., and **Warmwater Fish** (25 – 35 oC); example: Carps, Catfish, Snakeheads, Featherbacks, etc.  •**Brackishwater Fish:** Fish that can tolerate a wide range of salinity (0.5 – 30.0 ppt) and live in backwaters, estuaries and coastal waters.  Example: Mullet, Milkfish, Seabass, Pearlspot, Mudskipper, etc.  •**Marine Fish:** Fish that spend most or all of their life in seawater, such as Seas and Oceans, having salinity above 30 ppt. There are about 240 species contributing to the marine fisheries.  Example: Sardines, Mackerel, Ribbonfish, Anchovies, Grouper, Cobia, Tuna, etc. |

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| |  |  | | --- | --- | | **Mahseers** | | | **Fish Name** | **Picture** | | Golden Mahseer  *Tor putitora* |  | | Tor Mahseer  *Tor tor* |  | | Deccan Mahseer  *Tor khudree* |  | | Chocolate Mahseer  *Neolissocheilus hexagonolepis* |  | | **Trout** | | | Common Snow Trout  *Schizothorax richardsonii* |  | | Rainbow Trout  *Oncorhynchus mykiss* |  | |

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