A number of marine/estuarine species migrate large distances into the freshwaters of the Fitzroy River, where they use the river as a nursery and/or feeding ground. The Freshwater Sawfish and Dwarf Sawfish are listed as Critically Endangered (IUCN). The Critically Endangered Northern River Shark has also been found near the river mouth.

Fish names (IUCN):
- *Sawfish Dwarf Sawfish* listed as Critically Endangered (IUCN).
- *Northern River Shark* listed as Critically Endangered (IUCN).

- *Freshwater Whiptail* (some fish names recorded by Thomas Visser & Dean Thorburn (Murdoch University).)
- *Barramundi* (species also recorded by Thomas Visser & Dean Thorburn (Murdoch University).)
- *Merauke Toadfish* (species also recorded by Thomas Visser & Dean Thorburn (Murdoch University).)
- *Striped Butterfish* (species also recorded by Thomas Visser & Dean Thorburn (Murdoch University).)

Fish names provided by:
- *Ngarinyin* elders during field trips between 2001 and 2008 through a joint project by the Kimberley Language Resource Centre, Murdoch University Centre for Future Research and the communities in the Fitzroy River, and during a Murdoch University and KLRC project on the King Edward River. Fish names may vary amongst speakers.

Contact the Department of Fisheries and/or the Kimberley Language Resource Centre for more information on fish species and their names.

Language provided by:
- Penny Nudge
- Dicka Talaga
- Nugget Gurdurr
- Dicky Tataya (dec.)
- Thomas Visser

*Names (IUCN):* Freshwater Whiptail, Barramundi, Merauke Toadfish, Striped Butterfish, Dwarf Sawfish, Northern River Shark.