

Species Wise Identification of Fish Seed

Do you know how to **identify &** select different fish species for pond-based aquaculture?



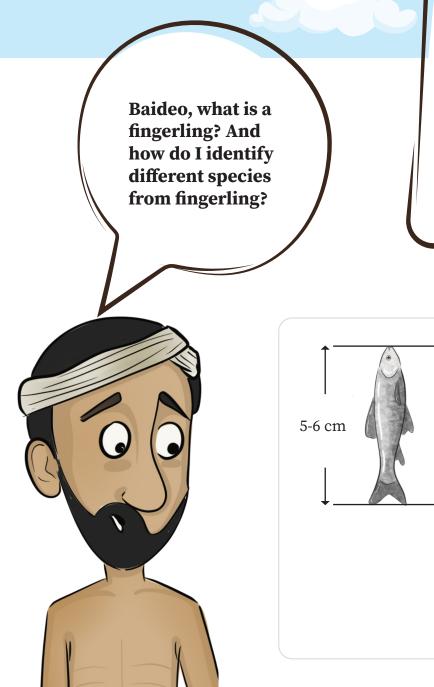


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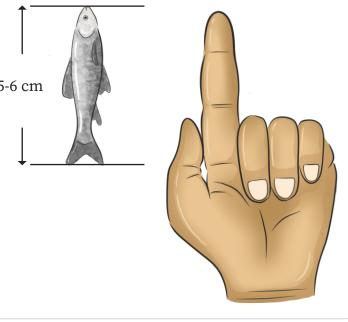




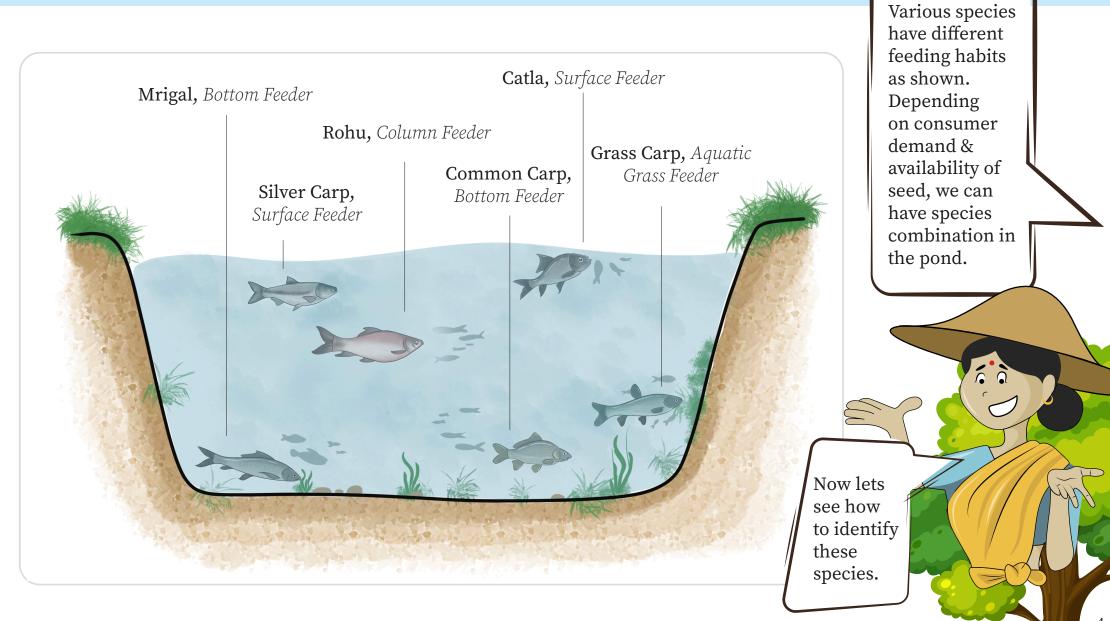
- Fast growing species
- Herbivorous feeding habit
- Readily accept external feed
- Resistance to diseases and parasites
- Relative ease of breeding in captivity
- Capacity to tolerate a wide range of environmental parameters
- Good consumer demand & Fetch Good market rate
- Good table quality (flesh quality) High fecundity (Egg laying capacity/kg of female fish),
- Relatively low cost of production/ kg of fish
- Compatible to other cultivable species



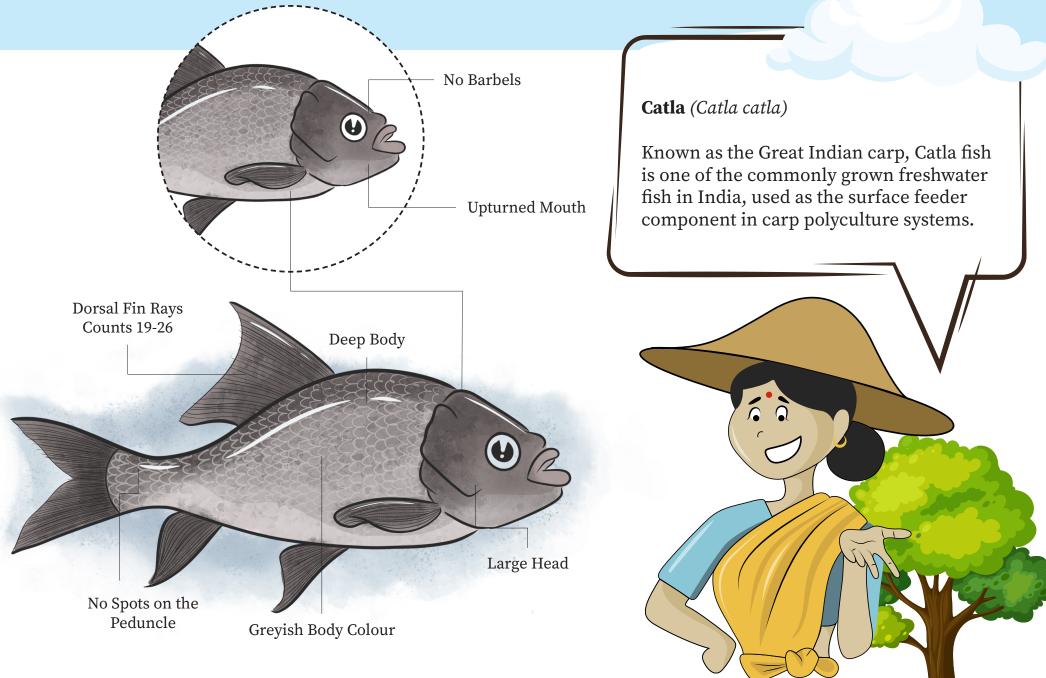
- Fingerling is a fish with length roughly equal to a finger (5-6 cm).
- 60-70 day post hatching, they show morphological features which we use for identification
- Fingerlings are appropriate size for stocking in grow out ponds



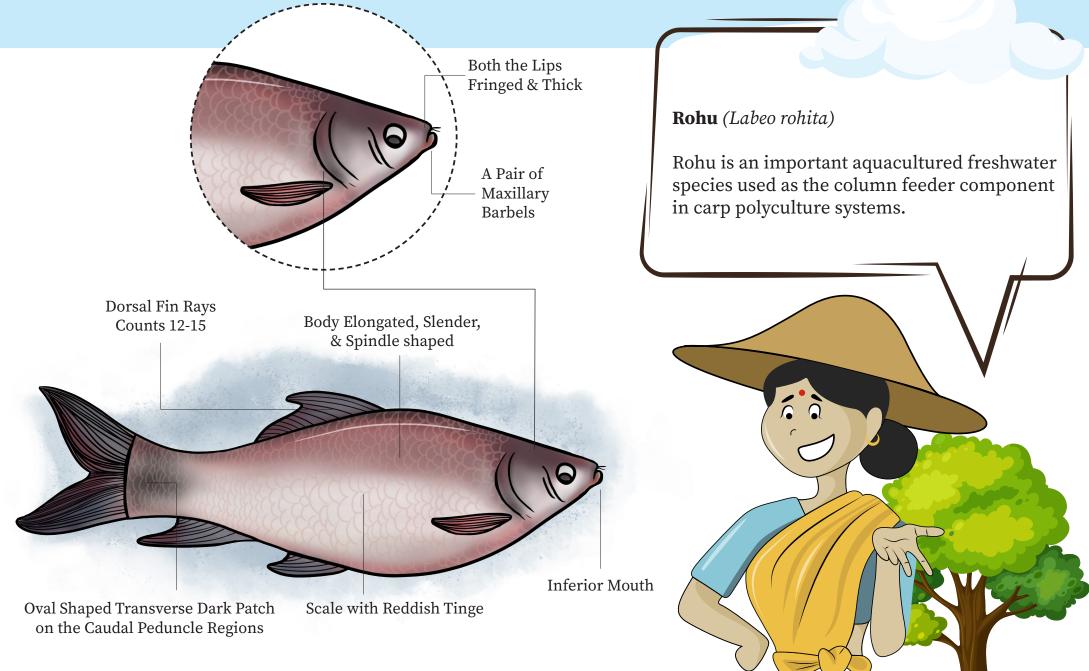
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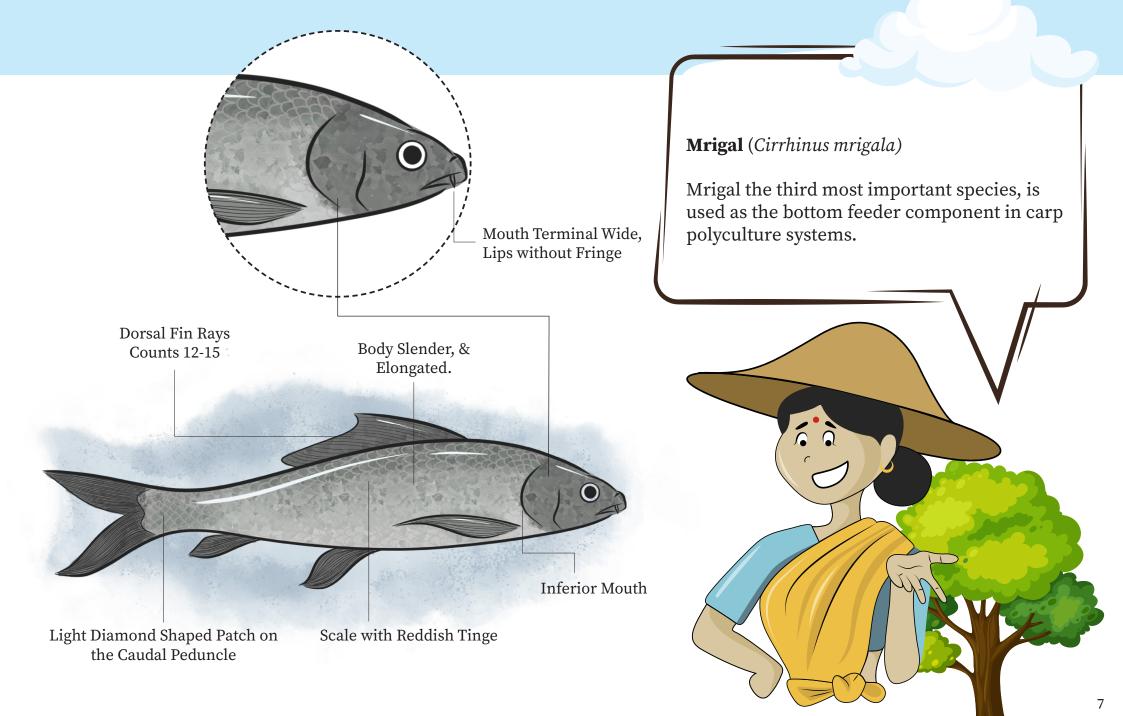




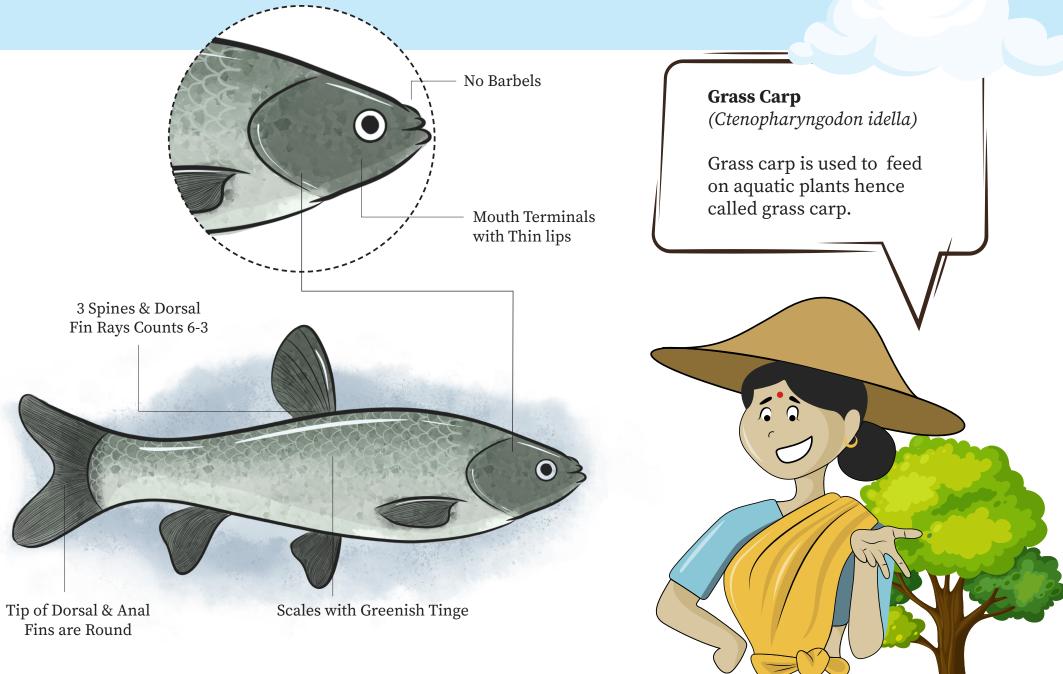




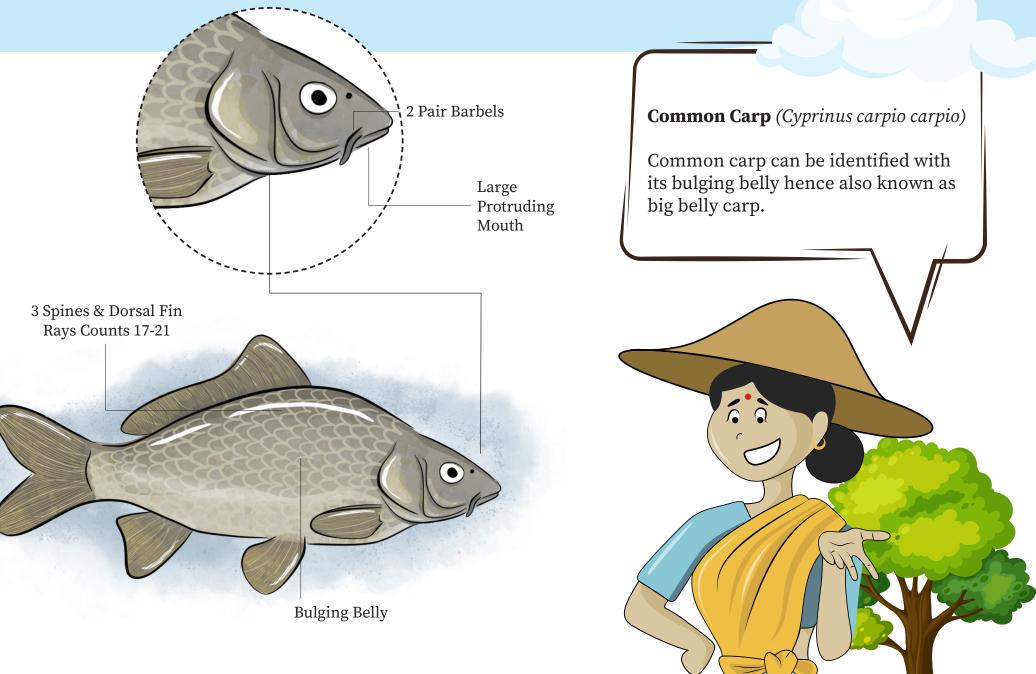




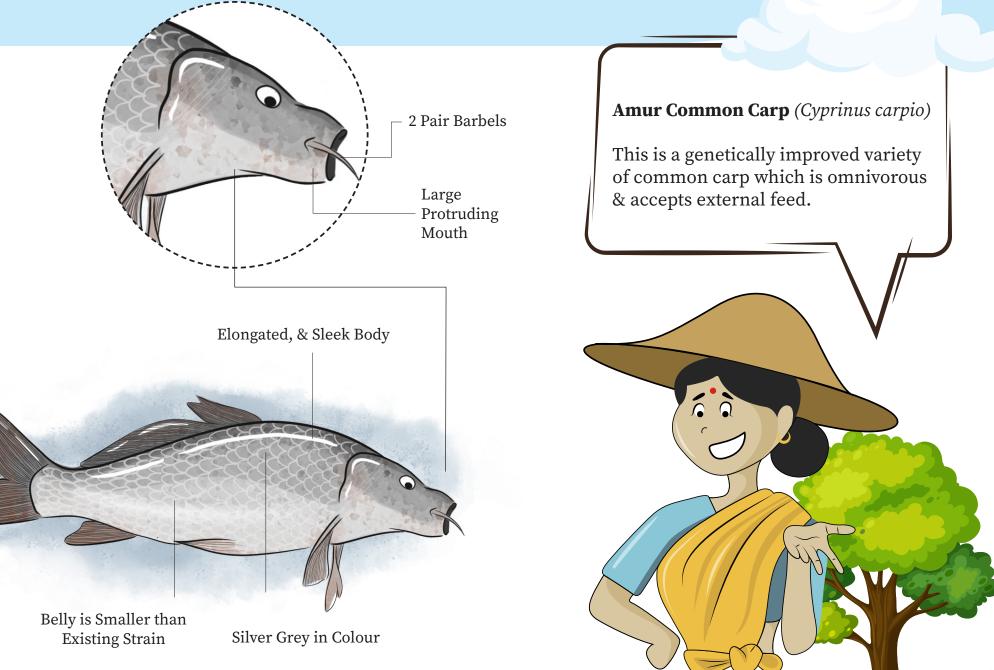




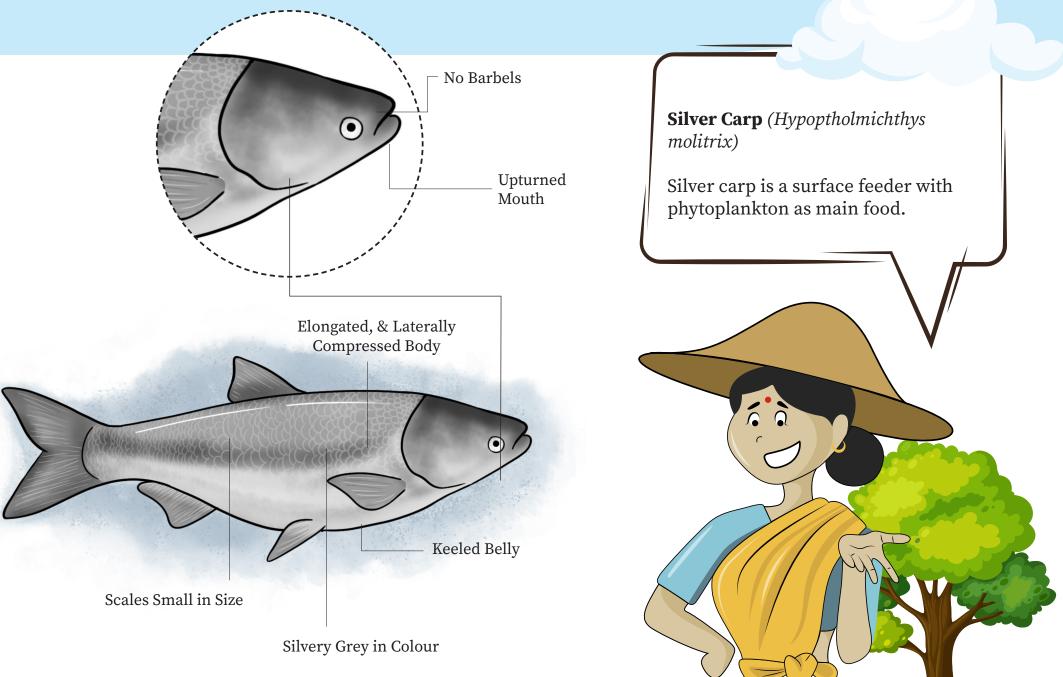




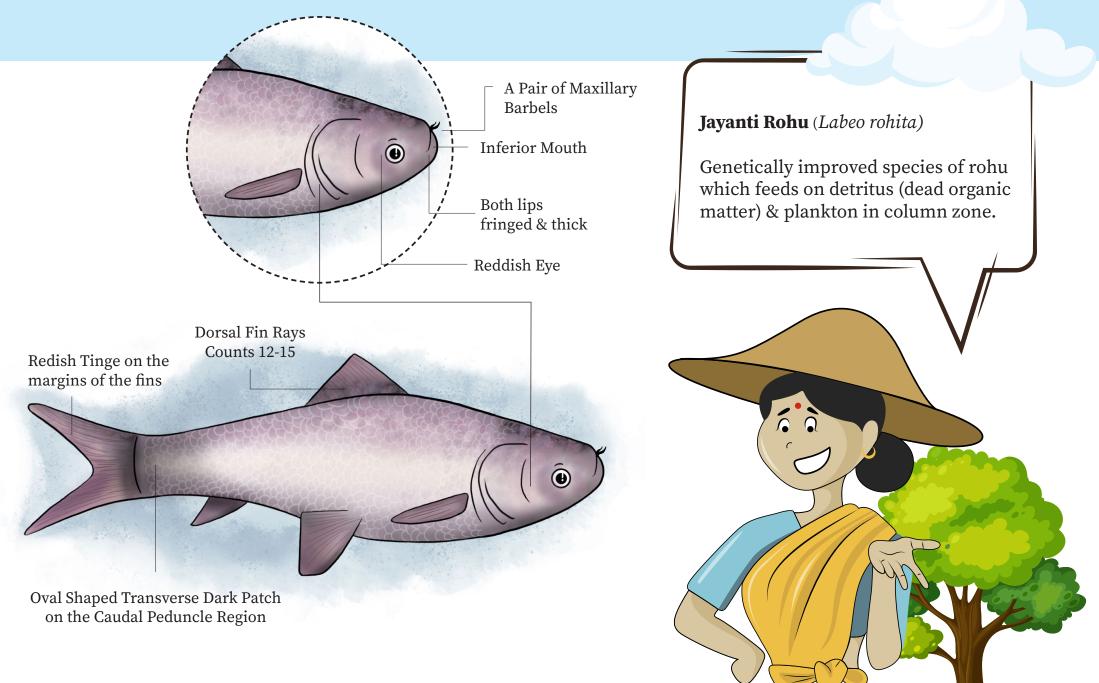












Different Species Combination & Ratio

Species Combination	Species	Stocking Ratio	Remarks
2 Species	Catla & Rohu	50:50	They can utilize both pyhto & Zooplankton Effeciently
3 Species (Only IMC)	Catla, Rohu, & Mrigal	30:40:30	Best combination for effective utilization of food resources in pond
3 Species (Only Exotic Carps)	Silver Carp, Grass Carp, & Common Carp	40:30:30	In this combination, there is no species that can utilize Zooplankton
4 Species	Catla, Rohu, Mrigal, & Common Carp	30:40:15:15	Use of bottom feeders need based
6 Species (Most recommended; subject to availability of seed of all species & feed for grass carp)	Catla, Rohu, Mrigal, Silver Carp, Common Carp, & Grass Carp	30:40:10:5:10:5	Grass Carp will be a good choice if aquatic plants are present in the pond as it can control excessive growth of aquatic plants in pond

Here is a guide for combination of species and their composition for efficient production.//

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Happy harvesting!