

Indigenous Ornamental Barbs of Western Ghats

ICAR-NBFGR



Dawkinsia arulius



Common name	: Aruli Barb
IUCN status	: Endangered
Distribution	: Cauvery and Tungabhadra River basins of the Western Ghats, southern India.
NBFGR contribution	: Closed-cycle captive breeding and seed production; standardized larval rearing; captive germplasm conservation and farmer-friendly ornamental-fish propagation.

Dawkinsia rohani



Common name	: Rohan's barb
IUCN status	: Vulnerable
Distribution	: Endemic to the southern Western Ghats of India, known from west-flowing river systems in Kanyakumari District, Tamil Nadu, including the Kodayar, Paralayar and Pamburivaikal river systems.
NBFGR contribution	: Developed a hormone free captive breeding and larval rearing protocol for conservation aquaculture

Dawkinsia apsara



Common name	: Apsara barb
IUCN status	: Data Deficient
Distribution	: Upper Sita and Sowparnika river catchments in the Western Ghats of Karnataka
NBFGR contribution	: Achieved the first hormone-free captive breeding and developed larval rearing methods for conservation propagation.

Pethia setnai



Common name	: Indigo barb
IUCN status	: Vulnerable
Distribution	: Northern Western Ghats, mainly Goa and adjoining Maharashtra and Karnataka; recorded from the Mhadei-Valvanti river system and nearby streams.
NBFGR contribution	: Developed a hormone-free captive breeding protocol and transferred hatchery produced seed to fish farmers.

Indigenous Ornamental Catfishes of Western Ghats

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Horabagrus brachysoma



Common name	: Yellow catfish
IUCN status	: Vulnerable
Distribution	: Rivers, backwaters and associated wetlands of Kerala.
NBFGR contribution	: Developed captive-breeding and mass seed-production protocols; supported river ranching and farmer-level technology transfer.

Horabagrus nigricollaris



Common name	: Black-collared yellow catfish
IUCN status	: Endangered
Distribution	: Chalakudy River, Kerala, particularly the upper river around Vettilappara in the southern Western Ghats
NBFGR contribution	: Developed the first captive-breeding protocol, established captive generations, ranched advanced fingerlings, and transferred seed-production technology to farmers.

Horabagrus obscurus



IUCN status : Not Evaluated

Distribution : Known from the Chalakudy River basin near Vettilappara, Kerala, in the southern Western Ghats

NBFGR contribution : Species description, captive breeding, and conservation stocking through release of hatchery-produced fingerlings into the Chalakudy River.

Mystus malabaricus



Common name : Jerdon's catfish

IUCN status : Near Threatened

Distribution : Western Ghats of Maharashtra, Karnataka and Kerala.

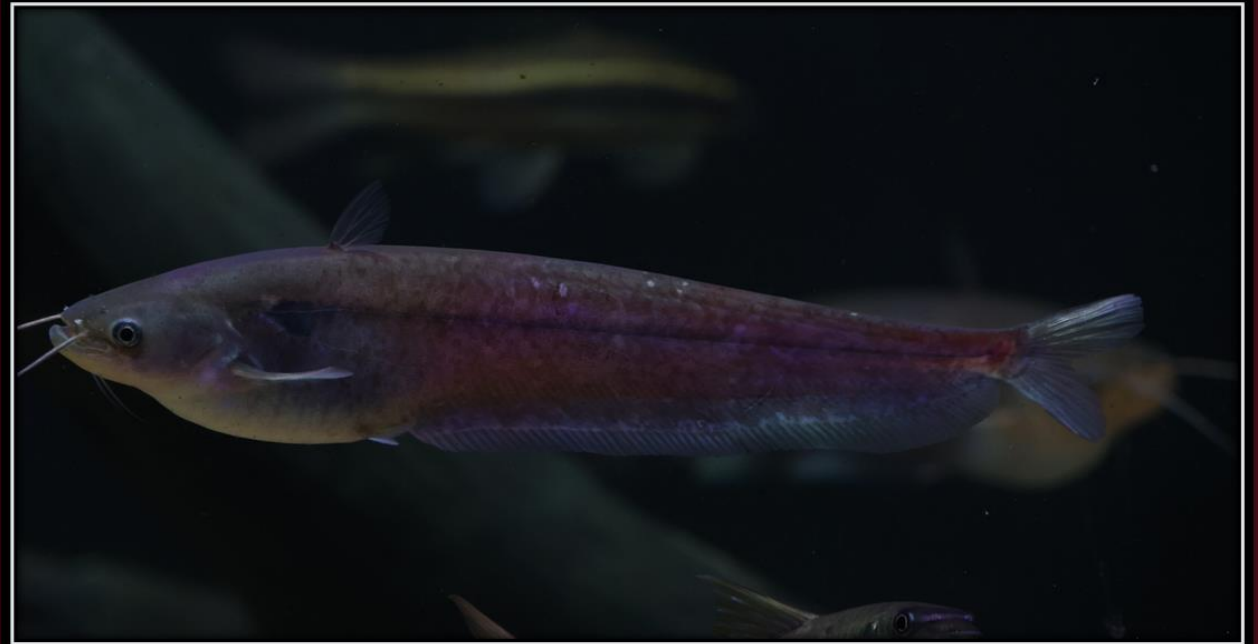
NBFGR contribution : Standardized captive breeding and seed production; established and maintained captive germplasm for conservation.

Clarias dussumieri



Common name	: Naadan Mushi
IUCN status	: Near Threatened
Distribution	: Western Ghats of Peninsular India, extending from Goa through Karnataka and Kerala to Tamil Nadu and Puducherry, occurring mainly in fresh water streams, rivers, ponds, swamps and paddy-field habitats
NBFGR contribution	: Standardized captive breeding and larval rearing protocols. Extended spawning and live germplasm maintenance for continuous seed production. Seeds supplied for broodstock development, farming, biofloc and conservation ranching

Ompok malabaricus



Common name	: Malabar Butter catfish / Goan catfish
IUCN status	: Least Concern
Distribution	: Western Ghats and adjoining freshwater systems of Goa, Karnataka, Kerala and Tamil Nadu, along the western side of Peninsular India.
NBFGR contribution	: Developed captive breeding protocols and established live germplasm conservation for the species