

附录1 三峡库区鱼类功能性状

Appendix 1 Functional traits of fishes in the Three Gorges Reservoir

功能类别 Functional category	功能性状 Functional trait	所含类型或范围 Type or range
摄食 Food acquisition	头长/吻长 Head length / snout length	范围 Range: 1.95–6.00
	营养级 Trophic level	范围 Range: 2.00–4.50
	头长/眼间距 Head length / interorbital width	范围 Range: 1.61–11.00
	头长/体长 Head length / body length	范围 Range: 0.11–0.39
	头长/眼径 Head length / eye diameter	范围 Range: 1.40–17.95
	生活水层 Water column position	上层, 中层, 下层 Pelagic, meso-pelagic, demersal
	口位 Mouth position	上位口, 端位口, 下位口 Superior, terminal, inferior
运动 Locomotion	食性 Feeding habits	草食性, 底栖生物食性, 肉食性, 杂食性, 浮游生物食性 Herbivorous, benthivorous, piscivore, omnivorous, planktivorous
	最大体长 Maximum body length (cm)	范围 Range: 3.20–120.00
	体长/体高 Body length / depth	范围 Range: 1.00–8.15
	体长/尾柄长 Body length / caudal-peduncle length	范围 Range: 1.50–17.80
	体长/尾柄高 Body length / caudal-peduncle depth	范围 Range: 1.72–35.00
	生态类型 Ecological type	流水性, 静水性, 广适性 R (Rheophilic), L (limnophilic), E (eurytopic)
	体型 Body shape	扁平形, 侧扁形, 纺锤形, 圆筒形 Depressiform, compressiform, fusiform, cylindrical
繁殖 Reproduction	平均绝对繁殖力 Average absolute fecundity (grain)	范围 Range: 36–681119
	平均相对繁殖力 Average relative fecundity (grain/g)	范围 Range: 4.40–580000.00
	初次性成熟年龄 Age of first mature (year)	范围 Range: 1–7
	初次性成熟体长 Length at first mature (cm)	范围 Range: 2.00–95.50
	繁殖季节 Breeding season	春(3–5月), 夏(6–8月), 秋(9–11月), 冬(12–2月) Spring (March to May), summer (June to August), autumn (September to November), winter (December to February)
产卵类型 Spawning type	粘性卵, 漂流性卵, 沉性卵, 浮性卵, 产在河蚌鳃瓣内, 口育型 Adhesive eggs, drifting eggs, demersal eggs, pelagic eggs, laying eggs in the gill flap of the mussel, mouth hatch	