

中国水产科学

Zhongguo Shuichan Kexue

第 28 卷 第 6 期 2021 年 6 月

目 次

大水面生态渔业专刊 · 序言 刘家寿 (693)

研究论文

- 三峡水库鱼类群落结构及主要鱼类种群年龄与生长 廖传松, 陈思宝, 叶少文, 卢涛, 李为, 王齐东, 郭传波, 张堂林, 刘家寿 (695)
- 基于稳定同位素技术的阳澄湖鱼类群落营养结构研究 叶学瑶, 任泷, 匡箴, 王媛, 徐东坡 (703)
- 丹江口水库浮游植物群落时空特征及其鱼产力评估 熊满堂, 王普泽, 叶少文, 虞功亮, 苑晶, 刘家寿, 张堂林 (715)
- 通江湖泊石臼湖鱼类群落结构现状及其季节变化 贺婉路, 刘鹏飞, 詹政军, 徐东坡, 任泷, 匡箴, 景丽 (728)
- 鱼类群落调控在浅水湖泊生态修复中的作用: 以傀儡湖为例 蔡杏伟, 李为, 樊厚瑞, 方涛, 李伟, 常锋毅, 刘家寿, 廖传松 (737)
- 鄱阳湖刀鲚的鉴定与资源动态研究 吴金明, 李乐康, 程佩琳, 张辉, 杨海乐, 刘志刚, 高小平, 危起伟 (743)
- 基于 ELEFAN I 和 LBB 的竺山湖贝氏鱥资源状况评估 叶学瑶, 赵旭昊, 任泷, 任可成, 徐东坡 (751)
- 基于生态通道模型的鮰鳜淀生态系统营养结构和能量流动研究 齐延凯, 陈曦, 郭楠楠, 裴丽萍, 孟顺龙, 陈家长 (762)
- 基于 Ecopath 模型的洈水水库生态系统特征及鲢、鳙生态容量分析 范泽宇, 白雪兰, 徐聚臣, 王晓宁, 吕亚兵, 侯杰, 何绪刚 (773)
- 基于 Ecopath 模型的太湖鲢鳙生态容量评估 赵旭昊, 徐东坡, 任泷, 徐跑 (785)
- 大型河流中鱼类组成的 eDNA 监测效率: 以长江武汉江段为例 杨海乐, 吴金明, 张辉, 杜浩, 李君轶, 王成友, 沈丽, 刘志刚, 危起伟 (796)

综述

- 大水面鳜增殖放流技术及效果评估研究进展 李为, 刘家寿, 叶少文, 林明利, 苑晶, 李钟杰, 张堂林 (808)

Journal of Fishery Sciences of China

Vol. 28 No.6 June 2021

Contents

Fish assemblage structure and age and growth of the primary fish populations in the Three Gorges Reservoir	LIAO Chuansong, CHEN Sibao, YE Shaowen, LU Tao, LI Wei, WANG Qidong, GUO Chuanbo, ZHANG Tanglin, LIU Jiashou	(702)
Analysis of the trophic structure of fish populations in Yangcheng Lake based on stable isotope technology	YE Xueyao, REN Long, KUANG Zhen, WANG Yuan, XU Dongpo	(714)
Spatio-temporal characteristics of the phytoplankton community and assessment of fish productivity in the Danjiangkou Reservoir, the water source for the South-to-North Water Diversion Project, China	XIONG Mantang, WANG Puze, YE Shaowen, YU Gongliang, YUAN Jing, LIU Jiashou, ZHANG Tanglin	(727)
Current status and seasonal variations in fish community structure in the Shijiu Lake, the Yangtze River-connected lake.....	HE Wanlu, LIU Pengfei, ZHAN Zhengjun, XU Dongpo, REN Long, KUANG Zhen, JING Li	(736)
Roles of fish assemblage regulation on ecological restoration in a shallow lake: A case study from the Kuilei Lake, China....	CAI Xingwei, LI Wei, FAN Hourui, FANG Tao, LI Wei, CHANG Fengyi, LIU Jiashou, LIAO Chuansong	(742)
Species identification and resource dynamics of <i>Coilia nasus</i> in the Poyang Lake	WU Jinming, LI Lekang, CHENG Peilin, ZHANG Hui, YANG Haile, LIU Zhigang, GAO Xiaoping, WEI Qiwei	(749)
Assessment of the stock status of <i>Hemiculter bleekeri</i> in the Zhushan Lake based on the ELEFAN I and LBB methods.....	YE Xueyao, ZHAO Xuhao, REN Long, REN Kecheng, XU Dongpo	(761)
Nutrient structure and energy flow in the Shihoudian Lake ecosystem based on the Ecopath model	QI Yankai, CHEN Xi, GUO Nannan, QIU Liping, MENG Shunlong, CHEN Jiazhang	(772)
Analysis of ecological system characteristics and ecological capacity of <i>Hypophthalmichthys molitrix</i> and <i>Aristichthys nobilis</i> in the Weishui Reservoir based on Ecopath model.....	FAN Zeyu, BAI Xuelan, XU Juchen, WANG Xiaoning, LYU Yabing, HOU Jie, HE Xugang	(784)
Assessment of the ecological carrying capacity of silver and bighead carp in the Taihu Lake based on Ecopath model.....	ZHAO Xuhao, XU Dongpo, REN Long, XU Pao	(795)
Environmental DNA metabarcoding utilization efficiency in monitoring large river fish species composition: a case study in the Wuhan transect of the Yangtze River	YANG Haile, WU Jinming, ZHANG Hui, DU Hao, LI Junyi, WANG Chengyou, SHEN Li, LIU Zhigang, WEI Qiwei	(807)
Research progress on technique and effect evaluation of mandarin fish stock enhancement in large water bodies	LI Wei, LIU Jiashou, YE Shaowen, LIN Mingli, YUAN Jing, LI Zhongjie, ZHANG Tanglin	(818)