

水产学报 2025 年 3 月 第 49 卷 第 3 期

目 次

· 综述 ·

彭泽鲫种质特性与品种改良研究进展及展望 王学耕, 吴碧瑜, 陈前辉, 梁 芳, 王俊杰, 李 潮, 丁立云, 麦康森, 赵 俊 (039101)

· 研究论文 ·

大管鞭虾线粒体全基因组测定及对虾总科的系统发育 孙毓蔓, 陈 健, 徐开达, 叶莹莹 (039102)

双酚 A 对稀有鮟鲫精巢载脂蛋白 E 基因的影响及调控机制 居 建, 朱 珠, 杨 辉, 魏文志, 张莹莹 (039103)

人工诱导瓦氏黄颡鱼性逆转及雌核发育 熊 阳, 胡景琦, 蒋有渤, 于贵杰, 蒋 巍, 王 旭, 孙瑞东, 陈 见, 李 佩, 李 志, 王德忠, 吴建开, 梅 洁 (039104)

海表温度时空分布模式对西北太平洋柔鱼生物学特征的影响 张天蛟, 张闪闪, 袁红春, 余 为 (039305)

基于 LeMaRns 模型的热带中西太平洋中上层生态系统动态分析 张春月, 林琴琴, 陈作志, 朱江峰, 李秀超 (039306)

长鳍金枪鱼全生命史动态能量收支预测模型 官文江, 于永恒, 贺伟伟, 安 康 (039307)

浙江青田稻鱼共生系统浮游动物和大型底栖动物的群落结构特征及动态分析 郑斯迪, 高 谦, 卜令飞, 徐冠洪, 蔡传国, 范 珂, 刘其根 (039308)

西藏水生生物资源与环境本底状况调查 (2017—2021) 刘明典, 朱峰跃, 朱挺兵, 李 雷, 王 琳, 刘香江, 朱 仁, 刘 飞, 岑 祥, 胡飞飞, 金 星, 袁立来, 霍 斌, 何德奎, 刘海平, 徐玮彤, 龚进玲, 王 鹏, 丁 放, 杨瑞斌, 张 驰, 杜红春, 陈中祥, 曹 坤, 扎西拉姆, 刘绍平, 段辛斌, 杨德国, 贾银涛, 李应仁, 李大鹏, 马 波, 牟振波, 陈大庆 (039309)

基于环境 DNA 技术的乌江干流梯级水电站库区的鱼类多样性 程如丽, 罗 杨, 张玉凤, 李清华, 王 梦, 张 钰, 李英文, 沈彦君 (039310)

分布于雅砻江中游厚唇裸重唇鱼的饵料生物组成与摄食特性 李筱芹, 曾如奎, 倪达富, 冯 钢, 万卓坤, 王 洁, 吴彤飞, 鲁桃秀, 邓华堂, 姚维志, 付 梅, 吕红健 (039311)

湛江沿海礁膜属海藻分类学鉴定和典型样品的营养成分 崔建军, 陈怡卉, 杨金连, 谭广升, 陈春丽, 谢恩义 (039612)

发酵棉籽粕对黄颡鱼生长性能、表观消化率和肠道健康的影响 邹峰余, 贾冰玉, 罗 智, 刘志博, 柯 江, 柳声赞, 谭肖英 (039613)

山茱萸总苷对 CT 诱导的鲤抗氧化及免疫功能的影响 朱兆曾, 卢荣华, 陈梦迪, 徐歆歆, 张玉茹, 曹香林 (039414)

乙酰化修饰对马氏珠母贝植核免疫的作用 卢金昭, 张 彬, 梁海鹰, 梁碧丹 (039415)

石斑鱼养殖病原混合感染研究与分析 黄 琳, 刘明珠, 余 庆, 韩书煜, 韦冬冬, 施金谷, 韦红玲, 李鹏飞 (039416)

SCC-37 37 °C 驯化的稳定性及其在常见病毒培养中的应用 巩金鹏, 赵 颖, 陈雪兰, 蔺凌云, 姚嘉赟, 穆雪姣, 周可欣, 王丛旭, 沈锦玉, 潘晓艺 (039417)

JOURNAL OF FISHERIES OF CHINA

Vol. 49, No. 3, March, 2025

CONTENTS

• ROUNDUP •

Research progress and prospects on the genetic characteristics and breeding of Pengze crucian carp

..... WANG Xuegeng, WU Biyu, CHEN Qianhui, LIANG Fang, WANG Junjie, LI Chao,
DING Liyun, MAI Kangsen, ZHAO Jun(039101)

• RESEARCH ARTICLES •

Mitochondrial genome sequencing of *Solenocera melantho* and phylogenetic analysis of Penaeoidea

..... SUN Yuman, CHEN Jian, XU Kaida, YE Yingying(039102)

Effect and mechanism of bisphenol A on apolipoprotein E gene in rare minnow (*Gobiocypris rarus*)

..... JU Jian, ZHU Zhu, YANG Hui, WEI Wenzhi, ZHANG Yingying(039103)

Artificially induced sex-reversal and gynogenesis in darkbarbel catfish (*Pelteobagrus vachelli*)

..... XIONG Yang, HU Jingqi, JIANG Youbo, YU Guijie, JIANG Wei, WANG Xu, SUN Ruidong,
CHEN Jian, LI Pei, LI Zhi, WANG Dezhong, WU Jiankai, MEI Jie(039104)

Effects of sea surface temperature distribution patterns on the biological characteristics of neon flying squid (*Ommastrephes bartramii*) in the Northwest Pacific

..... ZHANG Tianjiao, ZHANG Shanshan, YUAN Hongchun, YU Wei(039305)

Analysis of pelagic ecosystem dynamics in the western and central tropical Pacific based on the LeMaRns model

..... ZHANG Chunyue, LIN Qinqin, CHEN Zuozhi, ZHU Jiangfeng, LI Xiuchao(039306)

A full lifecycle dynamic energy budget model for *Thunnus alalunga*

..... GUAN Wenjiang, YU Yongheng, HE Weiwei, AN Kang(039307)

Study on community structure and seasonal dynamics of zooplankton and macrobenthos in Rice-Fish Symbiotic System in Qingtian, Zhejiang Province

..... ZHENG Sidi, GAO Qian, BU Lingfei, XU Guan hong, CAI Chuanguo, FAN Ke, LIU Qigen(039308)

Status of aquatic organisms resources and their environments in Xizang (2017—2021)

..... LIU Mingdian, ZHU Fengyue, ZHU Tingbing, LI Lei, WANG Lin, LIU Xiangjiang, ZHU Ren, LIU Fei, CEN Xiang,
HU Feifei, JIN Xing, YUAN Lilai, HUO Bin, HE Dekui, LIU Haiping, XU Weitong, GONG Jinling,
WANG Peng, DING Fang, YANG Ruibin, ZHANG Chi, DU Hongchun, CHEN Zhongxiang,
CAO Kun, ZHAXI Lamu, LIU Shaoping, DUAN Xinbin, YANG Deguo, JIA Yintao,
LI Yingren, LI Dapeng, MA Bo, MOU Zhenbo, CHEN Daqing(039309)

Fish diversity of the cascade hydropower reservoir area of the Wujiang River based on environmental DNA technology

..... CHENG Ruli, LUO Yang, ZHANG Yufeng, LI Qinghua, WANG Meng, ZHANG Yu, LI Yingwen, SHEN Yanjun(039310)

Food organism compositions and feeding characteristics of *Gymnodiptychus pachycheilus* in the middle reach of Yalong River

..... LI Xiaoqin, ZENG Rukui, NI Dafu, FENG Gang, WAN Zhuokun, WANG Jie, WU Tongfei,
LU Taoxiu, DENG Huatang, YAO Weizhi, FU Mei, LÜ Hongjian(039311)

Taxonomic identification of *Monostroma* from the Zhanjiang coastal area and nutritional ingredient analysis of typical sample

..... CUI Jianjun, CHEN Yihui, YANG Jinlian, TAN Guangsheng, CHEN Chunli, XIE Enyi(039612)

Effects of fermented cottonseed meal on growth performance, apparent digestibility and intestinal health of yellow catfish (*Pelteobagrus fulvidraco*)

..... ZOU Fengyu, JIA Bingyu, LUO Zhi, LIU Zhibo, KE Jiang, LIU Shengzan, TAN Xiaoying(039613)

Effects of total glycosides of *Cornus officinalis* on antioxidant and immune function of *Cyprinus carpio* induced by CT

..... ZHU Zhaozeng, LU Ronghua, CHEN Mengdi, XU Xinxin, ZHANG Yuru, CAO Xianglin(039414)

Lysine acetylation in the allograft-induced stress response of *Pinctada fucata martensii*

..... LU Jinzhao, ZHANG Bin, LIANG Haiying, LIANG Bidan(039415)

Study and analysis of pathogen co-infection in grouper culture

..... HUANG Lin, LIU Mingzhu, YU Qing, HAN Shuyu, WEI Dongdong, SHI Jingu, WEI Hongling, LI Pengfei(039416)

Study on the stability of SCC-37 acclimated at 37 °C and its application in common virus culture

..... GONG Jinpeng, ZHAO Ying, CHEN Xuelan, LIN Lingyun, YAO Jiayun, MU Xuejiao,
ZHOU Kexin, WANG Congxu, SHEN Jinyu, PAN Xiaoyi(039417)