



Haiyang Xuebao
(1979年5月创刊)

ISSN 0253-4193
CN 11-2055/P

海洋学报

第42卷第6期
Vol.42 No.6

中 2020
文 06
版

海洋学报 Haiyang Xuebao

第四十二卷 第六期

2020年六月



中国海洋学会主办
《海洋学报》编辑部出版

海洋学报

Haiyang Xuebao

第 42 卷 第 6 期 2020 年 6 月

Scopus 数据库收录期刊

中国科学引文数据库来源期刊

北大中文核心期刊

中国科技论文统计源期刊

美国《化学文摘》收录期刊

《日本科技文献速报》收录期刊

目次

综述

近海生态系统的人为营养盐输入及其控制对策浅析 王菊英, 郑楠, 马德毅 1

论文

海洋生物

- 基于 16S rRNA 与 COI 基因 40 种石斑鱼亚科鱼类分子系统进化关系 梁日深, 陈铭, 廖国威, 张卓为, 张癸新, 陈轶之, 林鑫 9
- 两种 GAM 模型对海州湾短吻红舌鲷 (*Cynoglossus joyneri*) 资源分布预测效果的比较研究 孙霄, 张云雷, 刘笑笑, 程远, 纪毓鹏, 任一平, 薛莹 20
- 基于产卵场海表温度的阿根廷滑柔鱼资源丰度预测模型研究 王易帆, 陈新军, 郭立新 29
- 秘鲁外海茎柔鱼栖息地适宜性年代际变动 温健, 陆鑫一, 余为, 陈新军, 刘必林 36
- 生物和非生物因子对秋季海州湾长蛇鲻栖息地适宜性的影响 朱承之, 张云雷, 赛可, 韦雯钰, 谢姝妤, 夏铭璟, 任一平, 薛莹 44
- 莱州湾大型底栖动物群落结构及其动态变化特征 袁伟, 王俊, 左涛, 牛明香, 栾青杉, 时永强, 孙坚强 52
- 北部湾涠洲岛珊瑚礁底栖贝类的群落特征 黄雯, 温铮, 胡利莎, 马培振, 许铭本, 黄学勇, 王永刚, 王英辉, 余克服, 王海艳 62
- 平潭岛东北部近岸海域大型污损生物群落结构特征 刘坤, 林和山, 李众, 何雪宝, 黄雅琴, 林俊辉, 牟剑锋, 张舒怡, 马丽, 全俊杰, 王建军, 孙军 70
- 大型附着生物对近海圆盘浮标污损的特点 林明晴, 严文侠, 曹文浩, 严涛 83
- 2018–2019 年舟山近海浮游动物群落结构春季年际变化及其与水团的关系 王慧君, 许永久, 俞存根, 章寒, 张洪亮, 蒋日进, 梁君, 郭爱, 朱文斌, 徐开达, 刘连为, 王皓学 90
- 基于 Ecopath 模型的海州湾及邻近海域生态系统结构研究 任晓明, 刘阳, 徐宾铎, 张崇良, 任一平, 程远, 薛莹 101
- 庙岛群岛北五岛生态系统净初级生产力与景观格局时空分布异质性研究 殷丽婷, 郑伟, 高猛, 路景钊 110

研究报告

海洋生物

- 印度尼西亚峇淡岛海域新本尼登虫 (*Neobenedeniagirellae*) 形态学及 28S rRNA 分子鉴定 乔莹, 马笑晚, 邵彦翔, 陈超 119

Haiyang Xuebao

Vol. 42 No. 6 June 2020

CONTENTS

Review

Anthropogenic inputs of nutrients to coastal ecosystem and mitigation actions *Wang Juying, Zheng Nan, Ma Deyi* 8

Article

Marine Biology

Molecular phylogenetic relationships of 40 species of Epinephelinae based on the partial sequences of 16S rRNA and COI genes
..... *Liang Rishen, Chen Ming, Liao Guowei, Zhang Zhuowei, Zhang Guixin, Chen Yizhi, Lin Li* 19

Evaluation of the prediction effect of two GAMs on the distribution of *Cynoglossus joyneri* in the Haizhou Bay
..... *Sun Xiao, Zhang Yunlei, Liu Xiaoxiao, Cheng Yuan, Ji Yupeng, Ren Yiping, Xue Ying* 28

Research on the abundance prediction model of *Illex argentinus* based on sea surface temperature of spawning ground
..... *Wang Yifan, Chen Xinjun, Guo Lixin* 35

Decadal variations in habitat suitability of *Dosidicus gigas* in the Southeast Pacific Ocean off Peru
..... *Wen Jian, Lu Xinyi, Yu Wei, Chen Xinjun, Liu Bilin* 43

Impacts of biotic and abiotic factors on the habitat suitability of *Saurida elongata* during autumn in the Haizhou Bay, China
..... *Zhu Chengzhi, Zhang Yunlei, Sai Ke, Wei Wenyu, Xie Shuyu, Xia Mingjing, Ren Yiping, Xue Ying* 51

Characteristics of community structure and the dynamic changes of macrobenthos in the Laizhou Bay
..... *Yuan Wei, Wang Jun, Zuo Tao, Niu Mingxiang, Luan Qingshan, Shi Yongqiang, Sun Jianqiang* 61

Community characteristics of benthic shellfish in the coral reef of the Weizhou Island, Beibu Gulf
..... *Huang Wen, Wen Zheng, Hu Lisha, Ma Peizhen, Xu Mingben, Huang Xueyong, Wang Yonggang, Wang Yinghui, Yu Kefu, Wang Haiyan* 69

Community structure of macro-fouling organisms in the northeastern waters of the Pingtan Island, East China Sea
..... *Liu Kun, Lin Heshan, Li Zhong, He Xuebao, Huang Yaqin, Lin Junhui, Mou Jianfeng, Zhang Shuyi, Ma Li, Quan Junjie, Wang Jianjun, Sun Jun* 82

Characteristics of macro-fouling communities on offshore discus buoys
..... *Lin Mingqing, Yan Wenxia, Cao Wenhao, Yan Tao* 89

Spring interannual changes of zooplankton community structure and the influencing factors of water masses in the Zhoushan nearshore waters during 2018 – 2019
..... *Wang Huijun, Xu Yongjiu, Yu Cungen, Zhang Han, Zhang Hongliang, Jiang Rijin, Liang Jun, Guo Ai, Zhu Wenbin, Xu Kaida, Liu Lianwei, Wang Haoxue* 100

Ecosystem structure in the Haizhou Bay and adjacent waters based on Ecopath model
..... *Ren Xiaoming, Liu Yang, Xu Binduo, Zhang Chongliang, Ren Yiping, Cheng Yuan, Xue Ying* 109

Spatial and temporal heterogeneity of net primary productivity and landscape patterns on five northern islands of Miaodao Archipelago
..... *Yin Liting, Zheng Wei, Gao Meng, Lu Jingfang* 118

Research Note

Marine Biology

Morphology and 28S rRNA identification of *Neobenedenia girellae* in cage aquaculture at the Batam Island, Indonesia
..... *Qiao Ying, Ma Xiaowan, Shao Yanxiang, Chen Chao* 126