

热带生物学报
JOURNAL OF TROPICAL
BIOLOGY

(2010年创刊, 双月刊)

主办单位: 海南大学

3
2024
第15卷

主 编: 罗 杰
执行主编: 吴少英
编 辑: 叶 静
钟云芳
胡晓苹
潘学峰
英文编辑: 周建南
封面设计: 蒋源木

目 次

• 热带植物 •

主持人 徐 冉
木薯块根灰分和水分近红外光谱预测模型的构建与优化
..... 张逸杰,王思琦,陆小静,宋记明,王 睿,曹 敏,张 瑞,
王红刚,吴金山(259)

江西石龙尾属一新变种——九连山石龙尾

..... 徐国良,朱庚平,许国燕,高友英,左政裕,曾晓辉(268)

短期降水减少对海南橡胶林土壤有机碳矿化及有机碳组分的影响

..... 孙玉娟,钟丽爽,杨小波,张 翔(272)

不同潮汐环境鱼藤幼苗叶片抗氧化酶活性的生理响应

..... 吕晓波,李东海,李剑碧(281)

石碌含笑花苞和叶片的精油化学成分分析及 α -葡萄糖苷酶抑制活性研究

..... 钱昌明,吴文滔,陈 健,宋希强,赵 莹(290)

根瘤菌对南洋楹幼苗生长效应的研究

..... 晏姝,林千禧,韦如萍,王润辉,黄 荣,郑会全(299)

• 园艺 •

主持人 朱国鹏

火龙果42份种质资源的倍性鉴定及基因组大小分析

..... 丁一,王周雯,康绍玲,姜森荣,王 猛,黄家权,
李洪立,胡文斌,汤 华(306)

不同催花方法对‘台农16号’凤梨开花和果实品质的影响

..... 刘文,董 斌,叶子龙,谢月亮,张祥会,李荣喜,刘光华(315)

不同时间催花处理对“台农17号”菠萝果实品质的影响

..... 吴永旺,付 山,梁 邴,何善林,韩泽永,姚金双,李婷玉(323)

• 植物保护 •

主持人 缪卫国

检疫性害虫带木蠹象 *Pissodes castaneus* (DeGeer) 的鉴定

..... 蔡波,温淑璇,张 坤,裴 估,万培弟,刘福秀,吴少英(332)

干热区海拔梯度对咖啡叶锈病的影响

..... 付兴飞,胡发广,黄家雄,李亚男,李亚麒,邵 杰,李贵平(337)

六斑月瓢虫捕食胁迫对瓜蚜适合度的影响

..... 林幸明,李金花(343)

• 热带海洋生物与水产养殖 •

主持人 郭志强

黑芋螺和其近似种的特征比较

..... 何 晨,陈志云,谭烨辉(349)

饲料组合投喂对白神仙幼鱼生长和体色的影响比较

..... 兰帅勤,李东霖,陈 煜,毛 晶,尹 泽,
VASQUEZ HerbertEly,於 锋,郑 兴,顾志峰(354)

切段部位、长度和培养温度对琼枝藻繁殖的影响

..... 童立豪,黄良夫,吴翔宇,石耀华,唐贤明(361)

瘤背石磺的化学成分研究(简报)

... 邓雨婷,黄兹宝,刘雪菲丹,曹明玉,周媛媛,董 琳,张小坡(368)

JOURNAL OF TROPICAL BIOLOGY

(Bimonthly)

Vol. 15 No.3 May 2024

Contents

• Tropical Plants •

- Convener XU Ran
Construction and optimization of prediction models for cassava ash and water content by using near-infrared spectroscopy
..... ZHANG Yijie, WANG Siqi, LU Xiaojing, SONG Jiming, WANG Rui, CAO Min, ZHANG Rui, WANG Honggang, WU Jinshan(259)
- A new variety of *Limnophila sessiliflora* (Vahl) Blume in Jiangxi—*L. sessiliflora* var. *jiulianshanensis* G.L.Xu
..... XU Guoliang, ZHU Gengping, XU Guoyan, GAO Youying, ZUO Zhengyu, ZENG Xiaohui(268)
- Effects of short-term precipitation reduction on soil organic carbon mineralization and organic carbon fractions in Hainan rubber forests
..... SUN Yujuan, ZHONG Lishuang, YANG Xiaobo, ZHANG Xiang(272)
- Physiological responses of antioxidant enzymes in the leaves of *Derris trifoliata* seedlings under varying tidal conditions
..... LYU Xiaobo, LI Donghai, LI Jianbi(281)
- Analysis of the chemical composition of the essential oils from floral buds and leaves of *Michelia shiluensis* and their inhibitory activity against α -glucosidase
..... QIAN Changing, WU Wentao, CHEN Jian, SONG Xiqiang, ZHAO Ying(290)
- Effect of rhizobia on seedling growth of *Falcataria falcata*
..... YAN Shu, LIN Qianxi, WEI Ruping, WANG Runhui, HUANG Rong, ZHENG Huiquan(299)

• Horticulture •

- Convener ZHU Guopeng
Ploidy identification and genome size analysis of 42 Pitaya germplasm resources
..... DING Yi, WANG Zhouwen, KANG Shaoling, JIANG Senrong, WANG Meng, HUANG Jiaquan, LI Hongli, HU Wenbin, TANG Hua(306)
- Effects of different flower forcing methods on flowering and fruit quality of pineapple ‘Tainong 16’
..... LIU Wen, DONG Bin, YE Zilong, XIE Yueliang, ZHANG Xianghui, LI Rongxi, LIU Guanghua(315)
- Effects of flower-forcing treatment at different time on the fruit quality of pineapple ‘Tainong 17’
..... WU Yongwang, FU San, LIANG Ye, HE Shanlin, HAN Zeyong, YAO Jinshuang, LI Tingyu(323)

• Plant Protection •

- Convener MIU Weiguo
Identification of *Pissodes castaneus* (DeGeer), a quarantine pest
..... CAI Bo, WEN Shuxuan, ZHANG Kun, PEI Ji, WAN Peidi, LIU Fuxiu, WU Shaoying(332)
- Effects of altitude on coffee leaf rust (*Hemileia vastatrix*) in the dry-hot region
..... FU Xingfei, HU Faguang, HUNG Jiexiong, LI Yanan, LI Yaqi, TAI Jie, LI Guiping(337)
- Non-consumptive effects of *Cheilomenes sexmaculata* on the fitness of *Aphis gossypii*
..... LIN Xingming, LI Jinhua(343)

• Tropical Marine Biology and Aquaculture •

- Convener GUO Zhiqiang
Comparative study on *Conus marmoreus* and the similar species
..... HE Chen, CHEN Zhiyun, TAN Yehui(349)
- Effects of different diets on the growth and skin color of white angelfish (*Pterophyllum scalare*) fry
..... LAN Shuaiqin, LI Dongling, CHEN Yu, MAO Jing, YIN Ze, VASQUEZ Herbert Ely, YU Feng, ZHENG Xing, GU Zhifeng(354)
- Effects of explant position, section length and culture temperature on the propagation of *Betaphycus gelatinae*
..... TONG Lihao, HUANG Liangfu, WU Xiangyu, SHI Yaohua, TANG Xianming(361)
- Analysis of chemical constituents of extracts from *Onchidium verruculatum*
..... DENG Yuting, HUANG Zibao, LIU Xuefeidan, CAO Mingyu, ZHOU Yuanyuanyuan, DONG Lin, ZHANG Xiaopo(368)