

植物保护学报

第50卷 第6期

目 次

植物生物安全专辑

文献综述

- | | | | | | | |
|------------------------|-----|-----|-----|-----|-----|-----------|
| 外来入侵物种精准防控的主动性策略 | 赵紫华 | 吴品珊 | 许益镌 | 石娟 | 刘万学 | (1379) |
| 基于网络舆情视角分析我国外来生物入侵问题 | 姜丽华 | 冼晓青 | 刘万学 | 方松 | 贾涛 | 张宏斌(1388) |
| 检疫性蛾类鉴定方法和标准的研究进展 | | | | | 李安娟 | 柳丽君(1397) |
| 松树蜂毒液对寄主松树致病性机制的研究进展 | | 孟昕 | | 辛本花 | 石娟 | (1411) |
| 林业小蠹类昆虫在中国的适生性分析综合比较研究 | | 宋昱东 | 王聪 | 潘绪斌 | 曹传旺 | (1419) |
| 西藏外来入侵植物分布数据的多源融合 | 王聪 | 吴佳雯 | 徐暗 | 土艳丽 | 潘绪斌 | (1431) |

研究论文

- | | | | | | | | | | |
|------------------------------------|-----|-----|------|------------|-------------------|------------|------------|-----|------------|
| 北京市湿地入侵植物群落与本地植物群落的生物多样性比较 | 赵婷婷 | 李果 | 李梦晴 | 张志伟 | 赵彩云 (1443) | | | | |
| 澳大利亚外来昆虫组成及区系 | 段旭 | 彭硕 | 李志红 | 赵紫华 (1455) | | | | | |
| 气候变化背景下烟草粉斑螟入侵中国的全程风险评估 | 彭硕 | 伍绍龙 | 杨海林 | 宋凡 | 苗圃
赵紫华 (1463) | | | | |
| 樟子松墨天牛在中国的适生区预测及传入风险评估 | 孙冬瑞 | 吴卓瑾 | 丁俊 | 石娟 (1472) | | | | | |
| 基于 MaxEnt 模型的菜豆象和蚕豆象在中国的适生区预测 | | | | | | | | | |
| 气候变化条件下木瓜秀粉蚧在中国的潜在适生区预测 | 易山青 | 彭硕 | 贾涛 | 王雁楠 | 黄宏坤
赵紫华 (1480) | | | | |
| 气候变化条件下木瓜秀粉蚧在中国的潜在适生区预测 | 陈燕婷 | 史梦竹 | 傅建炜 | 赵紫华 | 刘万学
李建宇 (1491) | | | | |
| 基于 MaxEnt 模型预测欧洲榆小蠹的全球潜在地理分布 | 梁特 | 王清栋 | 辛本花 | 吴卓瑾 | 石娟 (1499) | | | | |
| 基于 MaxEnt 和 ArcGIS 的黑腹尼虎天牛潜在地理分布预测 | | | 王坤 | 石娟 | 梁特 (1508) | | | | |
| 基于 MaxEnt 模型预测梨火疫病菌的潜在地理分布 | | | 吴卓瑾 | 梁特 | 石娟 (1518) | | | | |
| 气候变化下栎枯萎病菌在中国的潜在适生区预测 | | | 闫子怡 | 崔亚琴 | 游崇娟 (1528) | | | | |
| 基于 MaxEnt 模型预测气候变化下飞扬草在中国的潜在地理分布 | | | | | | | | | |
| 气候变化条件下大狼杷草在中国的潜在分布格局及变化趋势 | 李建宇 | 赵建伟 | 于文涛 | 陈燕婷 | 史梦竹
阮菲 | 傅建炜
赵紫华 | 刘万学 (1540) | | |
| 两种沉水植物在不同水深和生长时期对入侵植物的响应 | | | | | 王欣帅 | 柳晓燕 | 赵彩云 (1548) | | |
| 宁夏设施番茄上番茄潜叶蛾的空间分布型及抽样技术 | 阿斯哈 | 高海燕 | 沈一娈 | 孙凯 | 薛晶晶 | 蔡竟芳 | 程蕊 | 杨丽娟 | 李红丽 (1561) |
| 草地贪夜蛾在江西省南昌市的越冬与低温驯化 | | | | | | | | 张治科 | 南紫瑶 (1571) |
| 光周期对橘小实蝇表型、肠道菌群及免疫的影响 | 漆学伟 | 程森弟 | 洪霖 | 万鹏 | 谢金招 | 钟秋璇 | 王甦 | 门兴元 | 梁玉勇 (1579) |
| 山东省不同地理种群棉铃虫的遗传结构 | | | | | | | | | |
| 青杨天牛幼虫响应低氧胁迫的转录组分析 | 崔洪莹 | 宋莹莹 | 郭文秀 | 魏倩彤 | 于毅 | 李丽莉 | 吕素洪 | 门兴元 | (1593) |
| 云杉花墨天牛转录组分析及其生物防治相关基因筛选 | 汪莹 | 郑明歧 | 罗布顿珠 | 韩献华 | 张有军 | 石娟 (1600) | | | |
| 舞毒蛾脑和咽下神经节的形态及其三维模型构建 | | | | 方思茗 | 徐周策 | 吴宗仁 | 石娟 (1610) | | |
| 舞毒蛾幼虫龄数和龄期的划分 | 马晓凡 | 李亚飞 | 窦峰瑞 | 艾流卡玛丽·吐木逊 | 赵新成 | 石娟 (1617) | | | |
| 南方锦天牛触角感器的类型及超微结构 | 高成龙 | 袁海波 | 黄华毅 | 扈丽丽 | 陈刘生 | 黄咏槐 | 赵丹阳 (1633) | | |
| 五种杀虫剂对苜蓿种子田中主要害虫和传粉昆虫的影响 | | | | | | | | | |
| | 杨轩宇 | 朱猛蒙 | 史娟 | 张蓉 | 赵紫华 | 张建新 (1641) | | | |

研究简报

- 江西省九江市发现草地贪夜蛾为害高粱
..... 洪霖 贾志新 钟秋璇 程森弟 漆学伟 程正新 万鹏 门兴元 梁玉勇 (1651)
封面照片：马铃薯甲虫 *Leptinotarsa decemlineata* (Say) Dreamstime

JOURNAL OF PLANT PROTECTION

2023 Vol. 50 No. 6

CONTENTS

Special Issue for Plant Biosafety

Reviews

Proactive prevention and management for controlling invasive alien species	Zhao Zihua, et al. (1379)
Analysis of alien species invasion in China based on the perspective of network public opinions	Jiang Lihua, et al. (1388)
Research progress in identification methods and criteria for quarantine moths	Li Anjuan, et al. (1397)
Advances in the mechanisms of pathogenicity of sirex woodwasp <i>Sirex noctilio</i> venom on host trees	Meng Xin, et al. (1411)
Comprehensive comparative study on the adaptability analysis of bark and ambrosia beetles in China	Song Yudong, et al. (1419)
Multi-source fusion of the data on distribution of invasive alien plants in Xizang	Wang Cong, et al. (1431)

Research reports

Comparisons of the biodiversity of invasive alien plant community and native plant community in Beijing wetlands	Zhao Tingting, et al. (1443)
The species composition and realms of alien insects in Australia	Duan Xu, et al. (1455)
Thorough risk assessment of tobacco moth <i>Ephestia elutella</i> in China under the climate change environment	Peng Shuo, et al. (1463)
Prediction of suitable areas and assessment of the introduction risk of pine sawyer beetle <i>Monochamus galloprovincialis</i>	Sun Dongrui, et al. (1472)
Prediction of the potential suitable areas for bean weevil <i>Acanthoscelides obtectus</i> and the broad bean weevil <i>Bruchus rufimanus</i> in China based on the MaxEnt model	Yi Shanqing, et al. (1480)
Potential distribution of papaya mealybug <i>Paracoccus marginatus</i> in China under global warming	Chen Yaning, et al. (1491)
Prediction of the potential global geographical distribution of smaller European elm bark beetle <i>Scolytus multistriatus</i> by using the MaxEnt model	Liang Te, et al. (1499)
Prediction of the potential geographical distribution of red-headed ash borer <i>Neoclytus acuminatus</i> based on MaxEnt and ArcGIS	Wang Kun, et al. (1508)
Prediction of the global potential geographical distribution of fire blight pathogen <i>Erwinia amylovora</i> by using the MaxEnt model	Wu Zhuojin, et al. (1518)
Prediction of potential suitable distribution areas of oak wilt pathogen <i>Bretziella fagacearum</i> in China under climate change	Yan Ziyi, et al. (1528)
Potential geographical distribution of asthma plant <i>Euphorbia hirta</i> based on MaxEnt under predicted future climate conditions	Li Jianyu, et al. (1540)
Potential distribution pattern and trends of Devil's beggarticks <i>Bidens frondosa</i> L. in China under global climate change	Wang Xinshuai, et al. (1548)
Responses of two submerged plants to invasive plants at different water depths and growth periods	Asiba, et al. (1561)
Spatial distribution patterns and sampling techniques of tomato leafminer <i>Tuta absoluta</i> larvae on tomatoes in greenhouses	Zhang Zhike, et al. (1571)
Overwintering and cold acclimation of fall armyworm <i>Spodoptera frugiperda</i> in Nanchang, Jiangxi Province	Qi Xuewei, et al. (1579)
Effects of photoperiod on the phenotype, intestinal microbes and immunity of oriental fruit fly <i>Bactrocera dorsalis</i>	Yang Yuxin, et al. (1585)
Genetic structure of the geographical populations of cotton bollworm <i>Helicoverpa armigera</i> in Shandong Province	Cui Hongying, et al. (1593)
Transcriptome analysis of small poplar borer <i>Saperda populnea</i> larvae in response to hypoxic stress	Wang Ying, et al. (1600)
Transcriptome study and screening of biocontrol related genes in Sakhalin pine sawyer <i>Monochamus saltuarius</i>	Fang Siming, et al. (1610)
Morphology and three-dimensional modeling of the brain and subpharyngeal ganglion in gypsy moth <i>Lymantria dispar</i>	Li Yafei, et al. (1617)
Division of instar number and stage of the spongy moth <i>Lymantria dispar</i> larvae	Ma Xiaofan, et al. (1625)
Ultrastructure of antennal sensilla and their types in a long-horned beetle <i>Acalolepta speciosa</i>	Gao Chenglong, et al. (1633)
Effects of five insecticides on main pests and pollinators in alfalfa seed fields	Yang Xuanyu, et al. (1641)

Notes

The fall armyworm <i>Spodoptera frugiperda</i> is found as pest damaging <i>Sorghum bicolor</i> in Jiujiang City, Jiangxi Province	Hong Lin, et al. (1651)
--	-------------------------