

中国科技核心期刊
中国中文核心期刊
RCCSE中国核心学术期刊

ISSN 1005-3395
CN 44-1374/Q
CODEN RYZXFC

热带亚热带植物学报

JOURNAL OF TROPICAL AND
SUBTROPICAL BOTANY

第31卷 第1期
2023年1月

Vol. 31 No. 1
January 2023



射干 [*Belamcanda chinensis* (L.) Redouté]

ISSN 1005-3395



中国科学院华南植物园
广东植物学会 主办

科学出版社
Science Press 出版

热带亚热带植物学报

(Redai Yaredai Zhiwu Xuebao)

第 31 卷 第 1 期 2023 年 1 月

目 次

植物生态与资源管理

- 中国南亚热带和北温带地区禾本科 C₃ 与 C₄ 草本植物花果期差异研究 张浩萍, 宋柱秋, 叶楠, 陈新兰, 练琚愉, 刘慧 (1)
广东石门台国家级自然保护区老虎山次生林群落特征 饶兴权, 曾阳金, 李远球, 曹洪麟, 刘占锋, 蔡锡安 (10)
珍稀濒危植物江南油杉群落乔木层主要树种种间关联性分析 陈绪辉, 叶宝鉴, 潘标志, 林碧华, 罗敏贤, 肖丽芳, 刘宝, 何宗明, 郑世群 (21)
西双版纳地区附生与非附生植物叶片角质层对水分的透性研究 郑玉龙, 冯玉龙 (31)
米槠次生林和天然林细根养分及化学计量特征 陈铭, 王韦韦, 程慧梓, 陈蓉, 曹丽荣, 王小红, 陈光水, 姚晓东 (37)

植物生理与分子生物学

- 干旱胁迫下翦雷草的生理响应 陈意兰, 刘东明, 王俊, 简曙光, 王发国 (46)
柑橘精油及壳聚糖复合处理对橄榄果实采后生理和耐贮性的影响 赵俊跃, 蔡净蓉, 徐成妍, 余文琴 (53)
枇杷叶片性状与单果质量的遗传规律研究 郭乙含, 赵崇斌, 李舒庆, 徐红霞, 黄天启, 林顺权, 陈俊伟, 杨向晖 (62)
茶树品种‘金牡丹’自然杂交后代遗传鉴定 杨军, 孔祥瑞, 郑国华, 邱陈华, 王让剑 (69)
基于整合方法分析茶树响应病原真菌胁迫的共有模式 连玲丽, 陈强, 周颖, 付婧, 李婉莹, 魏日凤, 刘伟 (81)

植物系统学与生物地理学

- 姜科黄姜花复合体的形态特征及其分类群界定 黄竹君, 林玲, 刘念 (93)
云雾算盘子(叶下珠科)分类小记 姚纲, 刘成, 罗世孝, 蔡杰 (101)
靖西长喙木兰, 广西木兰科一新种 童毅华, 李兴康, 夏念和 (106)
腺柄凤仙花, 中国凤仙花属一新归化种 秦菲, 张文笛, 刘琴, 许为斌, 农友, 高飞, 郝林东, 于胜祥 (111)
国产柿属(*Diospyros*)的叶表皮形态研究及其分类学意义 邹璞, 龙开莲, 涂铁要, 李永泉, 李世晋 (117)

植物化学与化学生物学

- 不同品种番石榴花的挥发性成分分析 林宝妹, 邱珊莲, 郑开斌, 吴妙鸿, 洪佳敏, 张帅 (128)
大叶桃花心木树皮化学成分研究 张曼莉, 孙云鹏, 金文芳, 黄宇飞, 徐泽荣, 刘劲松, 王国凯 (141)
白花蛇舌草的化学成分研究 于亮, 杨帅, 黄祝刚, 刘勇, 蒋海强, 吕青涛 (147)

期刊基本参数: CN 44-1374/Q *1993 * b * A4 * 152 * zh * P * ¥45.00 * 700 * 18 * 2023* 01

封面照片示射干(易绮斐摄), 简介见封二

JOURNAL OF TROPICAL AND SUBTROPICAL BOTANY

Vol. 31 No. 1 January 2023

CONTENTS

- Studies on the Difference of Flowering and Fruity Period Between C₃ and C₄ Herbaceous Plants of Poaceae in South Subtropical and North Temperate Climatic Zones of China ZHANG Haoping, SONG Zhuqiu, YE Nan, CHEN Xinlan, LIAN Juyu, LIU Hui (1)
- Community Characteristics of Tiger Mountain Secondary Forest in Shimentai National Nature Reserve, Guangdong RAO Xingquan, ZENG Yangjin, LI Yuanqiu, CAO Honglin, LIU Zhanfeng, CAI Xi'an (10)
- Interspecific Association Analysis of Dominant Tree Species of Rare and Endangered Plant in *Keteleeria fortunei* var. *cyclolepis* Community CHEN Xuhui, YE Baojian, PAN Biaozhi, LIN Bihua, LUO Minxian, XIAO Lifang, LIU Bao, HE Zongming, ZHENG Shiqun (21)
- Cuticular Water Permeability of Leaves of Epiphytic and Non-epiphytic Species in Xishuangbanna Areas ZHENG Yulong, FENG Yulong (31)
- Difference of Fine Root Nutrients and Stoichiometric Characteristics Between *Castanopsis carlesii* Secondary Forest and Natural Forest in Subtropical China CHEN Ming, WANG Weiwei, CHENG Huizi, CHEN Rong, CAO Lirong, WANG Xiaohong, CHEN Guangshui, YAO Xiaodong (37)
- Physiological Response of *Thuarea involuta* under Drought Stress CHEN Yilan, LIU Dongming, WANG Jun, JIAN Shuguang, WANG Faguo (46)
- Effects of Citrus Essential Oil Combined with Chitosan Treatment on Post Harvest Physiology and Storability of Chinese Olive Fruits ZHAO Junyue, CAI Jingrong, XU Chengyan, SHE Wenqin (53)
- Study on Inheritance Patterns of Leaf Traits and Fruit Weight in Loquat GUO Yihan, ZHAO Chongbin, LI Shuqing, XU Hongxia, HUANG Tianqi, LIN Shunquan, CHEN Junwei, YANG Xianghui (62)
- Genetic Identification of the Natural Hybrid Progenies of 'Jinmudan' Tea Varieties YANG Jun, KONG Xiangrui, ZHENG Guohua, QIU Chenhua, WANG Rangjian (69)
- Common Pattern in Response to Pathogenic Fungal Stress of Tea Plants Based on Meta-analysis LIAN Lingli, CHEN Qiang, ZHOU Ying, FU Jing, LI Wanying, WEI Rifeng, LIU Wei (81)
- Morphological Characteristics of *Hedychium flavum* Complex (Zingiberaceae) and Definition of Their Taxons HUANG Zhujun, LIN Ling, LIU Nian (93)
- Taxonomic Notes on *Glochidion nubigenum* (Phyllanthaceae) YAO Gang, LIU Cheng, LUO Shixiao, CAI Jie (101)
- Lirianthe jingxiensis* (Magnoliaceae), An Endangered New Species from Guangxi, China TONG Yihua, LI Xingkang, XIA Nianhe (106)
- Impatiens glandulifera* (Balsaminaceae), A Newly Naturalized Alien Species in China QIN Fei, ZHANG Wendi, LIU Qin, XU Weibin, NONG You, GAO Fei, HAO Lindong, YU Shengxiang (111)
- Leaf Epidermal Morphology of *Diospyros* from China and Its Taxonomic Significance ZOU Pu, LONG Kailian, TU Tieyao, LI Yongquan, LI Shijin (117)
- Volatile Components in Flower of Ten Varieties of *Psidium guajava* LIN Baomei, QIU Shanlian, ZHENG Kaibin, WU Miaohong, HONG Jiamin, ZHANG Shuai (128)
- Chemical Constituents from Barks of *Swietenia macrophylla* ZHANG Manli, SUN Yunpeng, JIN Wenfang, HUANG Yufei, XU Zerong, LIU Jinsong, WANG Guokai (141)
- Chemical Constituents from *Hedyotis diffusa* Willd. YU Liang, YANG Shuai, HUANG Zhugang, LIU Yong, JIANG Haiqiang, LÜ Qingtao (147)