

目次

生理与育种

- 不同环境因子及破壳处理对锥栗种子萌发特性的影响 李吉涛, 陈宗游, 唐 辉, 王满莲, 韦 霄 (143)
- 单种及混合种植对花叶芦竹铅积累量的影响 庄静静, 王晓冰, 郭 晖 (151)
- 水稻轮回选择群体 XTBG-HP1 表型遗传多样性分析 唐如玉, 徐 鹏, 余迪求 (159)
- 两种梧桐叶绿体基因组密码子使用偏性分析 陆奇丰, 骆文华, 黄至欢 (173)
- 砧用瓠瓜抗枯萎病相关性及其杂种优势分析 廖建杰, 张映卿, 徐博娅, 郑旭阳, 阳燕娟, 钟 川, 于文进 (184)
- 白及蔗糖合成酶基因的克隆及表达分析 蒋素华, 牛苏燕, 周一冉, 崔 波, 梁 芳, 袁秀云, 马 杰 (192)
- 滇龙胆 8-羟香叶醇氧化还原酶基因的克隆与表达分析 王伟妍, 李彩霞, 李 湫, 鄢秋紫, 张晓东 (200)
- 低海拔地区黑苦荞酚类物质含量、组成及抗氧化活性研究 孙坤坤, 侯泽豪, 魏淑东, 方正武 (210)
- 苦荞薄壳种质的光合特性、淀粉合成与产量形成研究 喻武鹄, 汪 燕, 梁成刚, 廖 凯, 韦春玉, 付全兰, 张 威, 关志秀 (218)
- 种子特征和播种深度对辽东栎种子萌发和幼苗生长的影响 张金峰, 程继铭, 闫兴富, 罗永红, 朱雅婷 (226)

生态与地理

- 不同林龄和密度对马尾松人工林凋落叶养分变化的影响 潘复静, 梁月明, 马姜明, 杨章旗, 零天旺, 李明金, 陆绍浩, 钟凤跃 (237)
- 庐山黄山松种群结构及数量动态研究 周赛霞, 彭焱松, 詹选怀, 张 丽, 梁同军, 刘向平, 潘福兴 (247)
- 神农架天然针阔混交林群落的种间联结性 周秋静, 赵常明, 舒化伟, 葛结林, 赵本元, 杨林森, 姜治国, 陈芳清, 谢宗强 (255)
- 梵净山地区藤本植物的多样性及区系特征 夏常英, 吴学学, 傅连中, 刘盈盈, 刘 梅, 于胜祥 (264)
- 大叶九里香, 芸香科新等级组合及生物学特征补述 (英文) 牟凤娟, 胡 秀, 马士祝, 李一果 (272)
- 中国地衣新记录属——裂孔衣属 (英文) 贾泽峰, Robert LÜCKING (277)
- 中国万代兰属 (兰科) 一新记录种——双色万代兰 邓杰玲, 黄昌艳, 崔学强, 张自斌 (282)

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封面说明: 兰科植物花部结构高度特化, 类型多样, 是进化程度最高的类群之一。达尔文认为兰科植物令人称奇的高度特化的花朵和适应昆虫传粉的精巧结构是自然选择的结果, 即兰花的精致结构、姿态万千、颜色丰富、馥郁芬芳主要目的是为了吸引昆虫访花授粉。兰花的以上特性引起了人们的极大兴趣与喜爱, 被广泛培育并迅速成为全球主流珍品花卉。中国野生兰科植物资源丰富, 除了常见的兰属、石斛属、兜兰属、蝴蝶兰属和万代兰属资源外, 还有虾脊兰属、鹤顶兰属、槽舌兰属等特色又亟待开发应用的类群。

照片示: 观赏兰花代表性植物。1. 祥云石斛; 2. 硬叶兜兰; 3. 大花万代兰; 4. 黄花鹤顶兰; 5. 车前虾脊兰; 6. 尖囊蝴蝶兰。封面照片由张自斌提供。(相关内容详见本期正文 282~284 页邓杰玲等的文章)。

1	2	3
4	5	6

CONTENTS

Physiology and Breeding

Effects of environmental factors and shell-breaking treatment on germination characteristics of *Castanea henryi* seeds LI Jitao, CHEN Zongyou, TANG Hui, WANG Manlian, WEI Xiao (143)

Effects of independent planting and mixed planting of *Arundo donax* on lead accumulation ZHUANG Jingjing, WANG Xiaobing, GUO Hui (151)

Phenotypic diversity analysis of rice recurrent selection population XTBG-HP1 TANG Ruyu, XU Peng, YU Diqu (159)

Codon usage bias of chloroplast genome from two species of *Firmiana Marsili* LU Qifeng, LUO Wenhua, HUANG Zhihuan (173)

Fusarium wilt resistance correlation and heterosis in rootstock-used gourd LIAO Jianjie, ZHANG Yingqing, XU Boya, ZHENG Xuyang, YANG Yanjuan, ZHONG Chuan, YU Wenjin (184)

Cloning and expression analysis of sucrose synthase gene in *Bletilla striata* JIANG Suhua, NIU Suyan, ZHOU Yiran, CUI Bo, LIANG Fang, YUAN Xiuyun, MA Jie (192)

Cloning and expression analysis of 8-hydroxygeraniol oxidoreductase gene in *Gentiana rigescens* WANG Weiyan, LI Caixia, LI Qiu, YAN Qiuzi, ZHANG Xiaodong (200)

Contents, compositions and antioxidant activities of phenolic compounds in seeds of black tartary buckwheat planted in low-elevation regions SUN Kunkun, HOU Zehao, WEI Shudong, FANG Zhengwu (210)

Photosynthetic characteristics, starch synthesis and yield formation of thin-shell tartary buckwheat YU Wujuan, WANG Yan, LIANG Chenggang, LIAO Kai, WEI Chunyu, FU Quanlan, ZHANG Wei, GUAN Zhixiu (218)

Effects of seed characteristics and sowing depth on seed germination and seedling growth of *Quercus wutaishanica* ZHANG Jinfeng, CHENG Jiming, YAN Xingfu, LUO Yonghong, ZHU Yating (226)

Ecology and Geography

Stand age and density affected litter nutrient changes in planted *Pinus massoniana* forests PAN Fujing, LIANG Yueming, MA Jiangming, YANG Zhangqi, LING Tianwang, LI Mingjin, LU Shaohao, ZHONG Fengyue (237)

Population structure and numeric dynamics of *Pinus taiwanensis* in Lushan Mountain of Jiangxi Province ZHOU Saixia, PENG Yansong, ZHAN Xuanhuai, ZHANG Li, LIANG Tongjun, LIU Xiangping, PAN Fuxing (247)

Interspecific association of natural mixed needle- and broad-leaved forest community in Shennongjia ZHOU Qiuqing, ZHAO Changming, SHU Huawei, GE Jieli, ZHAO Benyuan, YANG Linsen, JIANG Zhiguo, CHEN Fangqing, XIE Zongqiang (255)

Species diversity and floristics characteristics of vine in Fanjing Mountain area, Guizhou XIA Changying, WU Xuexue, FU Lianzhong, LIU Yingying, LIU Mei, YU Shengxiang (264)

Murraya macrophylla, a name at new rank and new combination of Rutaceae and its supplements of biological characteristics MOU Fengjuan, HU Xiu, MA Shizhu, LI Yiguo (272)

A genus *Schizotrema* (Graphidaceae) new to China, with a world-wide key JIA Zefeng, Robert LÜCKING (277)

Vanda bicolor, a newly recorded species of *Vanda* from China DENG Jieliang, HUANG Changyan, CUI Xueqiang, ZHANG Zibin (282)

Cover images: Selective presentation of ornamental Orchidaceae plants. 1. *Dendrobium propitiosus* cloud ‘pink’; 2. *Paphiopedilum micranthum*; 3. *Vanda coerulea*; 4. *Phaius flavus*; 5. *Calanthe plantaginea*; 6. *Phalaenopsis braceana*. Cover images are provided by ZHANG Zibin. (For detail, please see the text by DENG Jieliang et al. on page 282–284)

	2	3
1		
	5	6
4		