

目 次

标准切花菊杂交 F ₁ 代群体侧枝侧蕾性状的杂种优势和遗传分析 何 臻, 赵 凤, 张 飞, 陈发棣, 蒋甲福, 管志勇, 陈素梅, 房伟民	1
施氮和供水对混播和单播白羊草叶片叶绿素荧光特性的影响 苏国霞, 丁文利, 刘金彪, 李 敏, 王 智, 徐炳成	10
氮素形态及对比对夏播苕蓝生长及活性成分含量的影响 唐晓清, 杨 月, 吕婷婷, 张 毅, 李 艳, 王康才	21
不同灌水量对2个蓝浆果品种幼苗生长和耗水规律的影响及相关性分析 尹 对, 於 虹, 姜燕琴, 曾其龙, 蒋佳峰, 韦继光	30
干热河谷区不同林龄赤桉叶中养分含量和再吸收率的比较及其线性回归分析 严思维, 陈爱民, 林勇明, 孙 凡, 邓浩俊, 杜 锟, 吴承祯, 恒巴提·乌勒合凡	39
76株薄壳山核桃实生单株的果实品质差异及综合评价 罗会婷, 贾晓东, 翟 敏, 李永荣, 宣继萍, 张计育, 王 刚, 郭忠仁	47
落羽杉与墨西哥落羽杉3个杂交后代品系的生长和杂种优势分析 王丹碧, 余 华, 凌子然, 胡李娟, 殷云龙, 王中生	55
自然越冬期间茶树叶片生理生化指标和解剖结构的变化 曾光辉, 周 琳, 黎星辉	63
浑善达克沙地不同微地形的土壤物理性质和草本群落分布及其相关性分析 张志永, 时忠杰, 张 晓, 单 楠, 杨晓晖	69
中国特有种川榛的地理分布格局与气候环境因子的关系分析 王陆军, 赵天田, 马庆华, 肖正东, 王贵禧	77
3个木薯品种嫩茎叶中氢氰酸、总黄酮及主要营养成分含量的变化 王 伟, 王定美, 李 玮, 李光义, 邹雨坤, 麦力文, 李勤奋	84
不同立地类型和土壤类型对“裕丹参”生长和有效成分含量的影响 黄 勇, 张红瑞, 周 燕, 李贺敏, 王丰青, 曹金斌	91
贵州乌江东风水库库区消落带苔藓植物区系分析 邓 坦, 何 林, 邓 伟	97

· 研究简报 ·

采用花器喷雾法并基于 Cre/lox 系统定点整合拟南芥 <i>Rps2</i> 基因的技术体系研究 李定红, 张艳梅, 周广灿, 雷 照, 孙小芹, 杭悦宇	104
翅果油树及其群落中7种优势木本种类的叶性特征比较 朱志敏, 李 艳, 吕金枝, 苗艳明	107
北京地区蒿柳的开花物候期及单花序开放过程中花粉活力和柱头可授性变化 彭向永, 赵利清, 毛金梅, 翟飞飞, 孙振元	110
外植体类型和培养基中激素浓度对香茶菜愈伤组织诱导的影响 刘 芳, 陶兴魁, 张爱民, 滕井通, 丁盼盼, 薛建平	113
‘红香芋’茎尖玻璃化法保存条件的筛选 臧玉文, 蒋芳玲, 刘 敏, 程雅琪, 孔祥宇, 吴 震	116
广西5种被子植物分布新记录 岑华飞, 谭运洪, 韦毅刚, 温 放	119

《植物资源与环境学报》2016年审稿专家名单(29) 《植物资源与环境学报》征稿简则(83,96)
《植物资源与环境学报》启事(115)

CONTENTS

Analyses on heterosis and genetics of lateral branch and lateral flower bud traits of crossbred F₁ group of standard cut chrysanthemum (*Dendranthema morifolium*) HE Zhen, ZHAO Feng, ZHANG Fei, CHEN Fadi, JIANG Jiafu, GUAN Zhiyong, CHEN Sumei, FANG Weimin 1

Effects of nitrogen applying and water supplying on leaf chlorophyll fluorescence characteristics of pure and mixed sowing *Bothriochloa ischaemum* SU Guoxia, DING Wenli, LIU Jinbiao, LI Min, WANG Zhi, XU Bingcheng 10

Effects of nitrogen form and ratio on growth and active component content in summer-planted *Isatis indigotica* TANG Xiaoqing, YANG Yue, LYU Tingting, ZHANG Yi, LI Yan, WANG Kangcai 21

Effects of different irrigation amounts on seedling growth and water consumption pattern of two cultivars of *Vaccinium* spp. and correlation analysis YIN Dui, YU Hong, JIANG Yanqin, ZENG Qilong, JIANG Jiafeng, WEI Jiguang 30

Comparisons on content and reabsorption rate of nutrients in leaf of *Eucalyptus camaldulensis* at different stand ages in arid-hot valley and their linear-regression analysis YAN Siwei, CHEN Aimin, LIN Yongming, SUN Fan, DENG Haojun, DU Kun, WU Chengzhen, WULEHEFAN · Hengbati 39

Nut quality difference and comprehensive evaluation of 76 seedling individuals of *Carya illinoensis* LUO Huiting, JIA Xiaodong, ZHAI Min, LI Yongrong, XUAN Jiping, ZHANG Jiyu, WANG Gang, GUO Zhongren 47

Analyses on growth and heterosis of three hybrid progeny lines from *Taxodium distichum* and *T. mucronatum* ... WANG Danbi, YU Hua, LING Ziran, HU Lijuan, YIN Yunlong, WANG Zhongsheng 55

Changes in physiological and biochemical indexes and anatomical structure of leaf of *Camellia sinensis* during natural overwintering period ZENG Guanghui, ZHOU Lin, LI Xinghui 63

Soil physical properties and herbaceous community distribution in different microtopographies of Otindag Sandy Land and their correlation analysis ZHANG Zhiyong, SHI Zhongjie, ZHANG Xiao, SHAN Nan, YANG Xiaohui 69

Analysis on relationship between geographical distribution pattern of Chinese endemic species *Corylus kweichowensis* and climatic environmental factors WANG Lujun, ZHAO Tiantian, MA Qinghua, XIAO Zhengdong, WANG Guixi 77

Changes in contents of hydrocyanic acid, total flavonoids and main nutrient components in tender stems and leaves of three cultivars of *Manihot esculenta* WANG Wei, WANG Dingmei, LI Wei, LI Guangyi, ZOU Yukun, MAI Liwen, LI Qinfen 84

Effects of different site and soil types on growth and active ingredient content in “Yudanshen” (*Salvia miltiorrhiza*) HUANG Yong, ZHANG Hongrui, ZHOU Yan, LI Hemin, WANG Fengqing, CAO Jinbin 91

Analysis on bryophyte flora in fluctuating belt of Dongfeng Reservoir area in Wujiang River of Guizhou Province DENG Tan, HE Lin, DENG Wei 97

• Research Notes •

Technology system research on site-specific integration of *Rps2* gene in *Arabidopsis thaliana* based on Cre/*lox* system by floral spraying method LI Dinghong, ZHANG Yanmei, ZHOU Guangcan, LEI Zhao, SUN Xiaoqin, HANG Yueyu 104

Comparison on leaf traits of *Elaeagnus mollis* and seven dominant woody species in its community ZHU Zhimin, LI Yan, LYU Jinzhi, MIAO Yanming 107

Flowering phenology and changes in pollen activity and stigma receptivity during blossom process of single inflorescence of *Salix viminalis* in Beijing PENG Xiangyong, ZHAO Liqing, MAO Jinmei, ZHAI Feifei, SUN Zhenyuan 110

Effects of explant type and hormone concentration in medium on callus induction of *Isodon amethystoides* LIU Fang, TAO Xingkui, ZHANG Aimin, TENG Jingtong, DING Panpan, XUE Jianping 113

Screening on vitrification conservation conditions for shoot tip of *Colocasia esculenta* ‘Hongxiangyu’ ZANG Yuwen, JIANG Fangling, LIU Min, CHENG Yaqi, KONG Xiangyu, WU Zhen 116

New records of five species of angiosperms in Guangxi 万方数据 CEN Huafei, TAN Yunhong, WEI Yigang, WEN Fang 119