

目次

辽东山区古石河森林群落结构及演替趋势分析	伏捷, 张华, 何红, 吕蕊, 王颖, 祝业平	1
皖南山核桃果实表型性状和种仁主要养分含量的比较及相关性分析	翟大才, 姚琦, 潘健, 何芝兰, 柏晓辉, 毕淑峰, 曹秀峰, 赖玖鑫	10
不同海拔核桃叶中非结构性碳水化合物相关指标的变化及相关分析	张有福, 廉小芳, 陈春艳, 侯小改	18
薄荷柠檬烯-6-羟化酶基因(<i>MhL60H</i>)的克隆与表达分析	陈吟, 亓希武, 徐东北, 陈泽群, 房海灵, 梁呈元	25
不同梅树品种的花芽发育过程及花芽中成花基因和看家基因的表达特性	陈政, 董天宇, 葛孟清, 王晨	32
铁线莲属植物 ISSR-PCR 反应体系优化及遗传多样性分析	余伟军, 姚红, 孙瑞琦, 王桂青, 钟淮钦, 黄敏玲, 曾黎辉	42
紫萍和兰氏萍不同克隆的生长性状及其与微卫星标记的关联性分析	张文珺, 徐娜娜, 李霞芳, 王梦薇, 胡芳露, 可建伟, 翁益松	49
不同种源马蔺幼苗对 Cd 耐性及积累特性的差异分析	王玮琳, 刘清泉, 张永侠, 王银杰, 原海燕, 黄苏珍	57
硒预处理对镉胁迫下荷花幼苗生长和生理的影响	王海希, 周浩民, 李柳燕, 邱琳香, 王彦杰, 徐迎春	64
生物炭基肥与平茬措施对喀斯特土壤养分含量及刺槐幼苗热能的影响	时正伦, 郭雅倩, 周之栋, 朱倩, 薛建辉, 吴永波	71
控释肥用量对兔眼蓝浆果叶片和栽培基质渗出液中养分含量及植株生长的影响	汪春芬, 韦继光, 於虹, 杨奕如, 姜燕琴, 曾其龙	79
不同种源枫香树幼苗生长性状的地理变异	何庆海, 方茹, 李文鑫, 谢宇凯, 张燕琴, 石从广, 杨少宗	88
湖北红椿天然种群小叶表型性状变异研究	汪洋, 陈文学, 明安觉, 雍军, 宋丛文, 付秋生	96

· 研究简报 ·

亚低温对番茄 <i>hta9hta11</i> 双突变体光合碳同化相关指标的影响	卢盼玲, 郭世荣, 杨学东, 冯岩, 季维维, 张辉, 田守波, 朱为民	106
舟叶橐吾全草乙醇提取物的化学成分初探	张兵, 戴伟锋, 李宝才, 张救	109
海滨木槿茎的化学成分	姜杉, 宋正达, 李丕睿, 黄佳楠, 廖盼华, 冯煦, 陈雨	112
培养基配比对‘金踯躅’茎段组培和试管苗生根的影响	田晓玲, 刘广超, 何娇, 路登宇, 黄承玲	115
福建野生兰科植物分布新记录 3 属 3 种	马良, 陈新艳, 黄元贞, 陈世品	118

《植物资源与环境学报》启事(120)

CONTENTS

Analyses on structure and succession trend of forest communities in paleo-stone stream of mountainous area of Eastern Liaoning	··· FU Jie, ZHANG Hua, HE Hong, LYU Rui, WANG Ying, ZHU Yeping	1
Comparison and correlation analysis on phenotypic characters of fruit and main nutrient contents in kernel of <i>Carya cathayensis</i> in Southern Anhui	····· ZHAI Dacai, YAO Qi, PAN Jian, HE Zhilan, BAI Xiaohui, BI Shufeng, CAO Xiufeng, LAI Jiuxin	10
Variations of related indexes of non-structural carbohydrate in leaf of <i>Juglans regia</i> at different altitudes and related analyses	····· ZHANG Youfu, LIAN Xiaofang, CHEN Chunyan, HOU Xiaogai	18
Cloning and expression analysis on limonene-6-hydroxylase gene (<i>MhL6OH</i>) of <i>Mentha haplocalyx</i>	····· CHEN Yin, QI Xiwu, XU Dongbei, CHEN Zequn, FANG Hailing, LIANG Chengyuan	25
Development progress of flower bud of different cultivars of <i>Prunus mume</i> and expression characteristics of flowering and house-keeping genes in flower bud	····· CHEN Zheng, DONG Tianyu, GE Mengqing, WANG Chen	32
Optimization of ISSR-PCR reaction system and analysis on genetic diversity of <i>Clematis</i> plants	····· YU Weijun, YAO Hong, SUN Ruiqi, WANG Guiqing, ZHONG Huaiqin, HUANG Minling, ZENG Lihui	42
Analyses on growth traits of different clones of <i>Spirodela polyrhiza</i> and <i>Landoltia punctata</i> and their associations with microsatellite markers	····· ZHANG Wenjun, XU Na'na, LI Xiafang, WANG Mengwei, HU Fanglu, KE Jianwei, WENG Yisong	49
Analysis on differences in tolerance and accumulation characteristics of Cd of <i>Iris lactea</i> var. <i>chinensis</i> seedlings from different provenances	····· WANG Weilin, LIU Qingquan, ZHANG Yongxia, WANG Yinjie, YUAN Haiyan, HUANG Suzhen	57
Effect of selenium pretreatment on growth and physiology of <i>Nelumbo nucifera</i> seedlings under cadmium stress	····· WANG Haixi, ZHOU Haomin, LI Liuyan, QIU Linxiang, WANG Yanjie, XU Yingchun	64
Effects of biochar based fertilizer and stumping measure on karst soil nutrient content and heat energy of <i>Robinia pseudoacacia</i> seedlings	····· SHI Zhenglun, GUO Yaqian, ZHOU Zhidong, ZHU Qian, XUE Jianhui, WU Yongbo	71
Effects of controlled release fertilizer application amount on nutrient contents in leaf and exudate from culture substrate and plant growth of <i>Vaccinium ashei</i>	····· WANG Chunfen, WEI Jiguang, YU Hong, YANG Yiru, JIANG Yanqin, ZENG Qilong	79
Geographical variation of growth traits of <i>Liquidambar formosana</i> seedlings from different provenances	····· HE Qinghai, FANG Ru, LI Wenxin, XIE Yukai, ZHANG Yanqin, SHI Congguang, YANG Shaozong	88
Study on variation of leaflet phenotypic traits of natural populations of <i>Toona ciliata</i> in Hubei Province	····· WANG Yang, CHEN Wenxue, MING Anjue, YONG Jun, SONG Congwen, FU Qiusheng	96

• Research Notes •

Effect of mild hypothermia on photosynthetic carbon assimilation related indexes of <i>hta9hta11</i> double mutant of <i>Lycopersicon esculentum</i>	····· LU Panling, GUO Shirong, YANG Xuedong, FENG Yan, JI Weiwei, ZHANG Hui, TIAN Shoubo, ZHU Weimin	106
Preliminary study on chemical constituents of ethanol extracts from whole plant of <i>Ligularia cymbulifera</i>	····· ZHANG Bing, DAI Weifeng, LI Baocai, ZHANG Mi	109
Chemical constituents from the stems of <i>Hibiscus hamabo</i>	····· JIANG Shan, SONG Zhengda, LI Pirui, HUANG Jia'nan, LIAO Panhua, FENG Xu, CHEN Yu	112
Effects of medium proportion on tissue culture of stem segment and rooting of plantlet of <i>Rhododendron molle</i> 'Jinzhihu'	····· TIAN Xiaoling, LIU Guangchao, HE Jiao, LU Dengyu, HUANG Chengling	115
New records of three wild species in three genera of Orchidaceae in Fujian Province	··· 万方数据 ··· MA Liang, CHEN Xinyan, HUANG Yuanzhen, CHEN Shipin	118