

ISSN 1000-5382
CODEN DLDXEU

东北林业大学学报

JOURNAL OF NORTHEAST FORESTRY UNIVERSITY



中文核心期刊
全国优秀科技期刊

DONGBEI LINYE DAXUE XUEBAO

11

第40卷 Volume 40

2012

Journal of Northeast Forestry University

2012

Vol. 40 No. 11

CONTENTS

- Effect of PPO Treatments on Zygotic Cotyledon Explant Browning and Somatic Embryogenesis of *Fraxinus mandshurica* Sun Qian, Yang Ling, Shen Hailong, Li Yuhua, Huang Jian(1)
- Effect of Exponential Fertilization on Growth and Nitrogen Storage of Containerized *Quercus variabilis* Seedlings Li Guolei, Zhu Yan, Jiang Le, Shi Wenhui, Wang Jiayi, Liu Jiajia, Cheng Zhongqian(6)
- Influence Factors on Soft Cutting Propagation of *Cornus wateri* Under Full Sunlight and Water Spraying Xue Liyan, Kang Yongxiang, Zhang Dan, Su Yue(10)
- Postharvest Characteristics of Potted Tree Peony Cultivars and Response of Postharvest Quality of 'Luoyanghong' to 1-MCP Treatment Zhang Chao, Zhou Xinlei, Jia Peiyi, Dong Li, Zhang Xiuxin(14)
- Propagation Techniques of Stem Cuttings of *Paeonia suffruticosa* var. *papaveracea* in Gansu Liu Wenlan, Tang Hong, Zhang Liang, Zhu Xiaoxia, Kang Yunlong, Zhang Hong(19)
- Karyotypes of Twenty-one Traditional Cultivars of *Paeonia suffruticosa* and Their Evolutional Relationship Shi Qianqian, Wang Yan, Zhou Lin, Huang Guowei(23)
- Cold Resistance of *Rosa rugosa* 'kushui' and *Rosa rugosa* 'lengxiang' Liu Xiaodong, Ren Weijia, He Miao(28)
- Shade Tolerance in Six Species of *Hosta* Xu Yiling, Yu Wenjing, Song Xiaoshuang, Deng Xun, Zhou Yuqian, Yao Shuainan, Ma Xiaoqian, Tian Lipeng, Pan Jie(31)
- Effects of Drought Stress on Physiological and Biochemical Characteristics of *Callistephus chinensis* Leaves Li Qiang, Wang Jia, Cui Huliang, Hou Jianwei(35)
- Change of Nutrients and Shape of *Broussonetia papyrifera* Leaves from Different Clones Zhai Xiaoqiao, Zeng Hui, Liu Yanping, Liu Fei(38)
- Physiological Changes of Leaves of Several Fall Color Trees During Color Changing Period in Autumn and Winter Chu Aixiang, Zhang Yaozhan, Tian Yongfang(40)
- Impact of Municipal Solid Waste Landfill Soil on Leaf Photosynthetic Characteristics of Some Tree and Shrub Seedlings Yang Liu, Li Jun, Zheng Sijun, Zhang Qingfei(44)
- Effects of Combined Salt and Water-Logging Stress on Photosystem II Fluorescence Characteristics in Three Species of *Syringa* Seedlings Xu Xiaoyan, Li Juanjuan, Zhang Huihui, Wang Jingying(48)
- Effects of Microbial Nutrition on Seed Germination of *Rosa omeiensis* Han Qian, Wang Zefan, Zheng Yan, Yang Heng, Zeng Fanjing, Li Yaqi, Zhao Hui, Zhao Shiwei, Liu Hengxing(53)
- Rapid *in vitro* Propagation of Pedicel Explants of *Hemerocallis* Bi Xiaoying, Wang Ning(56)
- Molecular Cloning and Expression of Chalcone Synthase Gene in Blueberry Li Xiaoyan, Pei Jiabo, Zhang Zhidong, Wu Lin, Liu Haiguang, Li Yadong, Li Haiyan(60)
- Quantitative Classification and Ordination of Secondary Forests in Anji, Zhejiang Province Zhang Yue, Lu Xiaozhen, Yuan Weigao, Hu Keyi, Li Haitao, Shen Aihua, Zhang Jun(66)
- Forest Fire Danger Classification of Sanming City in Fujian Province Guo Huaiwen, Liu Xiaodong, Qiu Meilin(70)
- Interspecific Association Among Species of *Pyrola decorata* Community in Taibai Mountain Yu Beibei, Kang Yongxiang, Zhang Shijiao, Su Yue, Zeng Cheng(74)
- Effects of Tending on Species Composition and Diversity of Undergrowth in *Platycladus orientalis* Recreational Stands Wang Ping, Jia Liming, Li Xiaowen, Jiang Linlin(78)
- Seasonal Variation of Understorey Herbs in Primary Broad-Leaved Korean Pine Forest and Secondary Aspen-Birch Forest in Changbai Mountains and Its Environmental Interpretation Xia Fucui, Zhao Xiuhai, Pan Chunfang, Fan Juan, Wang Jinsong, Ni Ruiqiang, He Huaijiang, Chen Beibei, Ding Shengjian, Jiang Jun(83)
- Investigation on Natural Plant Communities in Yuntai Mountain, Jiangsu Province and Analysis of Its Allocation Modes Zhang Jiaping, Ding Yanfen(90)
- Analysis of Correlation Between Terrain and Forest Spatial Distribution Based on DEM Wu Ying, Zhang Wanxing, Zhang Liqiong, Wu Jing(96)
- Features of Community Structure of Phytoplankton and Assessment on Water Quality in Zhalong Wetland Yu Hongxian, Zhao Fei(99)
- Temporal and Spatial Variability of Soil Physical Properties of Two Artificial Forest Stands Meng Chun, Luo Jing, Zhao Shuping, Wang Jian, Pang Fengyan(102)
- Seasonal Dynamics of Soil Respiration in Typical Forest Ecosystems of Changbai Mountains, China Liu Ying, Han Shijie(107)
- Response of Tundra Plant Communities-Soil-Trail Erosion to Human Trampling Disturbance in Changbai Mountain Wang Hongqiao, Wu Zhengfang, Meng Xiangjun, Du Haibo(111)
- Right Angle Ultrasonic Welding Performances of Wood-Plastic Composites Zhou Yilong, Zhao Hui, Zhu Hongyuan(116)
- Antifungal Activities of China-Fir Heartwood Extracts Against Wood Decay Fungi Xu Shiyu, Wang Jing, Li Shujun(120)
- Antimicrobial Activity of Fermented Product from *Inonotus obliquus* Zou Li, Tan Yun, Yang Minbao, Sun Tingting(123)
- Optimization of Ultrasound-Assisted Extraction of Larch Caterpillar Pupa Oil Ma Ling, Hu Liyu, Ma Wei(127)
- Impact of Meteorological Conditions on *Dendrolimus tabulaeformis* and Establishment of Its Prediction Model Zhou Guangxue, Zhang Guolin, Liang Qun(131)
- Analysis of Trapping Series of Main Stem Borers in *Pinus massoniana* by Seemingly Unrelated Regression Chen Huihua, Zhang Ruzhong, Xu Zhihong(135)
- Effects of Ethanol Extracts from Six Species of Plants on Bioactivity of *Heterolochea jinyinhua* Chu Xiang Yuyong, He Bin, Wang Jingshan(139)
- Antennal Activity and EAG Responses of Asian Longhorn Beetle *Anoplophora glabripennis* (Coleoptera: Cerambycidae) to Plant Terpenes Fan Liqing, Yan Shanchun, Cheng Hong, Sun Zonghua(143)
- Thermal Properties of Isocyanate-Urea Formaldehyde Composite Adhesive Tan Haiyan, Zuo Yingfeng, Gu Jiyu, Qiu Si, Zhang Yanhua(147)
- Optimized Design of Preload for Tread Connection of Automobile Zhang Yihua, Hou Peihai, Yang Guoyu(151)
- Discussion •
- Investigation and Analysis of Public Attitudes Towards Wildlife Utilization Lu Feng, Zhang Wei(155)
- Eutrophication in Kulipao Lake and Restoration Countermeasures Cao Wenzhong, Sun Yufeng(159)

东北林业大学学报

2012年

第40卷第11期

目次

- PPO处理对水曲柳合子胚子叶外植体褐化和体胚发生的影响 孙倩 杨玲 沈海龙 李玉花 黄剑(1)
- 指数施肥对栓皮栎容器苗生长和氮积累的影响 李国雷 祝燕 蒋乐 史文辉 王佳茜 刘佳嘉 程中倩(6)
- 毛榛全光照喷雾嫩枝扦插繁殖试验 薛利艳 康永祥 张丹 苏悦(10)
- 牡丹盆花采后特征及‘洛阳红’采后品质对1-MCP的响应 张超 周昕蕾 贾培义 董丽 张秀新(14)
- 甘肃紫斑牡丹茎扦插繁殖技术初探 刘文兰 唐红 张亮 朱晚霞 康云龙 张红(19)
- 中原牡丹传统品种的核型及进化关系 史倩倩 王雁 周琳 黄国伟(23)
- 苦水玫瑰和冷香玫瑰抗寒性 刘晓东 任伟嘉 何森(28)
- 6种玉簪耐阴性分析 许怡玲 遇文婧 宋小双 邓勋 周玉迁 姚帅男 马晓乾 田立鹏 潘杰(31)
- 干旱胁迫对翠菊苗期生理生化特性的影响 李婧 王佳 崔虎亮 侯建伟(35)
- 构树不同无性系间叶片营养成分及叶形的变化 翟晓巧 曾辉 刘艳萍 刘飞(38)
- 几种秋色叶树种秋冬转色期叶色变化的生理特性 楚爱香 张要战 田永芳(40)
- 生活垃圾填埋土对乔灌木幼苗光合特性的影响 杨柳 李君 郑思俊 张庆费(44)
- 盐和淹水双重胁迫对3种丁香幼苗叶片叶绿素荧光特性的影响 许小妍 李娟娟 张会慧 王晶英(48)
- 微生物营养剂对
- 峨眉蔷薇种子萌发的影响 韩倩 王泽翻 郑燕 杨恒 曾凡景 李亚奇 赵惠恩 赵世伟 刘恒星(53)
- 萱草花茎离体培养与快速繁殖 毕晓颖 王宁(56)
- 越橘查耳酮合酶基因的克隆及表达分析 李晓艳 裴嘉博 张志东 吴林 刘海广 李亚东 李海燕(60)
- 浙江省安吉县次生林数量分类与排序 张悦 鲁小珍 袁位高 胡可易 李海涛 沈爱华 张骏(66)
- 福建三明地区森林火险区划 郭怀文 刘晓东 邱美林(70)
- 太白山雅美鹿蹄草群落植物种间关联性 余贝贝 康永祥 张世姣 苏悦 曾理(74)
- 侧柏游憩林抚育对林下植物组成及多样性的影响 汪平 贾黎明 李效文 姜林林(78)
- 长白山阔叶红松林及杨桦林下草本季节动态及
- 环境解释 夏富才 赵秀海 潘春芳 范娟 汪金松 倪瑞强 何怀江 陈贝贝 丁胜建 姜俊(83)
- 江苏云台山天然植物群落调查与配置模式分析 张佳平 丁彦芬(90)
- 基于DEM的地形与植被分布关联分析 吴英 张万幸 张丽琼 伍静(96)
- 扎龙湿地浮游植物群落结构特征与水质评价 于洪贤 赵菲(99)
- 两种人工林土壤物理性质时空变异性 孟春 罗京 赵淑苹 王俭 庞凤艳(102)
- 长白山典型森林生态系统土壤呼吸的季节动态 刘颖 韩士杰(107)
- 长白山高山苔原带植物群落、土壤、游径侵蚀对践踏干扰的响应 王洪桥 吴正方 孟祥君 杜海波(111)
- 木塑复合板材的超声波直角焊接性能试验 周一龙 赵辉 祝虹媛(116)
- 杉木提取物对木材腐朽菌的抑制性能 许士玉 王婧 李淑君(120)
- 桦褐孔菌发酵产物的抑菌活性 邹莉 谭昀 杨民宝 孙婷婷(123)
- 落叶松毛虫蛹油超声波振荡辅助萃取方法优化 马玲 胡礼禹 马伟(127)
- 气象条件对油松毛虫的影响及其预测模型的构建 周广学 张国林 梁群(131)
- 马尾松主要蛀干害虫林间诱捕序列的似乎不相关分析 陈绘画 张汝忠 徐志宏(135)
- 6种植物乙醇提取物对金银花尺蠖的生物活性 向玉勇 何斌 王精山(139)
- 光肩星天牛对寄主植物萜烯类化合物触角活性和电位反应 范丽清 严善春 程红 孙宗华(143)
- 异氰酸酯-脲醛树脂复合胶黏剂的热性能 谭海彦 左迎峰 顾继友 邱思 张彦华(147)
- 汽车螺纹联接件预紧力的优化设计 章伊华 侯培海 杨国玉(151)

• 问题讨论 •

- 野生动物利用态度调查及分析 陆锋 张伟(155)
- 库里泡富营养化现状分析及修复对策 曹文钟 孙玉凤(159)