

ISSN 1000-5382
CODEN DLDXEU

东北林业大学学报

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

第四十八卷
第七期

二〇二〇年七月

7

第48卷 Volume 48

2020

万方数据

东北林业大学学报

2020年

第48卷第7期

目次

干旱胁迫对黄檀幼苗生长及生理特性的影响	赖小连 颜玉娟 颜立红 蒋利媛 向光锋(1)
铅胁迫对黄花风铃木幼苗生长和生理指标的影响	张博宇 滕维超(7)
盐碱胁迫对流苏幼苗的生理影响	韩丽霞 欧阳敦君 刘文静 张鸽香(11)
容器规格、基质配比和缓释肥对蒙古栎容器苗质量的影响	陆秀君 李宏祎 艾万峰 韩晓义 张晓林 王玉涛(17)
‘高原之火’北美海棠叶片组培快繁再生体系	王瑞敏 沈瑒 陈颖 冯凯 张涛 陈燕琼 杨华(23)
广西望天树人工林和天然林冠层光环境特征与其生长的关系	何鹏 程飞 杨梅 何方中(29)
3个牡丹品种花芽分化过程形态及叶片碳水化合物质量分数变化	董晓晓 别沛婷 袁涛(34)
洞庭湖湿地植物根系氧化力对氮、磷去除的影响	李永进 汤玉喜 黎蕾 唐洁 杨艳(40)
干旱胁迫对鹅绒委陵菜根系特征和生理代谢的影响	付海静 张静 赵元洪 王依萍 肖逸菲 吴逸 吴建慧(45)
金寨天马自然保护区山核桃群落的系统发育结构	王雷宏 王灿辉 张华莲 杨俊仙 刘俊龙 曹翠萍(50)
运用空间结构参数二元分布对杉木-闽楠混交林分结构分析	王奕茹 李际平 曹小玉 唐涛 颜佳睿 王雪(55)
运用机载激光雷达数据和立地质量分级对亚热带森林蓄积量遥感反演	张国飞 岳彩荣 王雷光 李春千(60)
运用遥感影像对暖温带-亚热带过渡地区森林蓄积量反演	郝泷 朱风顺 张仁杰 张挺(66)
应用GIS分析影响森林火灾发生的因子和时空分布特征——以美国加利福尼亚州为例	刘家畅 唐斌 邹源(70)
植被自然恢复对表层土壤磷有效性的影响	张鑫 谷会岩 刘强(75)
植被细根对典型黑土土壤抗蚀性的影响	李彦 谷会岩 陈月明(81)
不同根系布置模式对降雨条件下边坡稳定性的影响	嵇晓雷 杨平(86)
南方红豆杉种子不同部位浸提液对小白菜的化感作用	陈黎 刘成功 万志兵 章维(90)
应用响应面法优化提取白檀果实花色苷工艺	郭才南 安佰义 韩耀濂 王赏 王丹 张雪 刘晓嘉 程志强(98)
依据彩色共生矩阵对木质板材的识别	王辉 李辉 陈立君(103)
百合灰霉病对东方百合不同抗性品种的生理影响	李芳乐 管玲玲 胡凤荣(107)
塞罕坝地区森林虫害暴发历史及其与 气候因子的关系	邹全程 闫平 徐健楠 宫殷婷 慕晓炜 齐呼格金 赵凤君 国志锋 邱雪颖 杨光(114)
树干阻隔器阻隔防治榆紫叶甲及落叶松毛虫的效果	周俊华 王银臣 万一琳 胡基华 孙凡(120)
红松根腐病原的鉴定与检测	张平 刁健 王立海(123)
紫穗槐叶斑病原菌生物学特性及药剂敏感性	范文忠 冯时 姜仁婧 杨雪 吕雪 黎浩然(128)
3种杀菌剂对榛子苗期根腐病防治的比较	白剑宇 罗达 吴正保 史彦江 宋锋惠(133)
《东北林业大学学报》稿约	(136)

CONTENTS

Effects of Drought Stress on Growth and Physiological	
Characteristics of <i>Dalbergia hupeana</i> Seedlings	Lai Xiaolian, Yan Yujuan, Yan Lihong, Jiang Liyuan, Xiang Guangfeng(1)
Effects of Lead Stress on Growth and Physiology of <i>Tabebuia chrysantha</i> Seedlings	Zhang Boyu, Teng Weichao(7)
Physiological Response of Threshold of <i>Chionanthus retusus</i>	
Seedlings under Salt-alkali Stress	Han Lixia, Ouyang Dunjun, Liu Wenjing, Zhang Gexiang(11)
Effects of Container Size, Matrix Ratio and Slow/Controlled Release Fertilizer on	
Container Seedling of <i>Quercus mongolica</i>	Lu Xiujun, Li Hongyi, Ai Wanfeng, Han Xiaoyi, Zhang Xiaolin, Wang Yutao(17)
Rapid Tissue Culture Propagation Regeneration System of	
Leaves in <i>Malus</i> ‘Prairfire’	Wang Ruimin, Shen Yang, Chen Ying, Feng Kai, Zhang Tao, Chen Yanqiong, Yang Hua(23)
Light Environment Analysis of Artificial and Natural Canopy of	
<i>Parashorea chinensis</i> in Guangxi	He Peng, Cheng Fei, Yang Mei, He Fangzhong(29)
Changes of Morphology and Carbohydrate Content in Leaves of Three Tree	
Peony during Flower Bud Differentiation	Dong Xiaoxiao, Bie Peiting, Yuan Tao(34)
Effect of Wetland Plant Root Oxidation on Removal of N and P in Dongting Lake	Li Yongjin, Tang Yuxi, Li Lei, Tang Jie, Yang Yan(40)
Effects of Drought Stress on Root Characteristics and Physiological	
Metabolism of <i>Potentilla anserine</i>	Fu Haijing, Zhang Jing, Zhao Yuanhong, Wang Yiping, Xiao Yifei, Wu Yi, Wu Jianhui(45)
Phylogenetic Structure of <i>Carya cathayensis</i> Community in Jinzhai Tianma Nature Reserve,	
Anhui Province, China	Wang Leihong, Wang Canhui, Zhang Hualian, Yang Junxian, Liu Junlong, Cao Cuiping(50)
Stand Structure of Chinese fir and <i>Phoebe bournei</i> Mixed Forest with	
Binary Distribution Spatial Structure Parameters	Wang Yiru, Li Jiping, Cao Xiaoyu, Tang Tao, Yan Jiarui, Wang Xue(55)
Improving Lidar-based Stand Volume Estimation of Subtropical Forest with	
Site Conditions Classification	Zhang Guofei, Yue Cairong, Wang Leiguang, Li Chungan(60)
Forest Growing Stock Volume Inversion Model with Multiple Features of Remote Sensing Images in	
Transitional Region from Warm Temperate Zone to Subtropics	Hao Shuang, Zhu Fengshun, Zhang Renjie, Zhang Ting(66)
GIS-Based Spatial and Temporal Distribution Characteristics and Factor Analysis of	
Forest Fires-- Taking California, USA as An Example	Liu Jiachang, Tang Bin, Zou Yuan(70)
Effects of Natural Vegetation Restoration on Soil Phosphorus Availability in Surface Soil	Zhang Xin, Gu Huiyan, Liu Qiang(75)
Effect of Vegetation Fine Root on Soil Anti-erodibility in Typical Black Soil Region of China	Li Yan, Gu Huiyan, Chen Yueming(81)
Influence of Different Root Distribution Modes on Slope Stability under Rainfall Conditions	Ji Xiaolei, Yang Ping(86)
Allelopathic Effect of Extracts from Different Parts of <i>Taxus chinensis</i> var. <i>mairei</i>	
Seeds on Cabbage	Chen Li, Liu Chenggong, Wan Zhibing, Zhang Wei(90)
Extraction Optimization of Anthocyanins from <i>Symplocos paniculata</i> by Response	
Surface Methodology	Guo Cainan, An Baiyi, Han Zhaolian, Wang Shang, Wang Dan, Zhang Xue, Liu Xiaojia, Cheng Zhiqiang(98)
Wood Panel Recognition by Color Co-occurrence Matrix	Wang Hui, Li Hui, Chen Lijun(103)
Physiological Response of Different Resistant Cultivars of <i>Lilium</i> Oriental Hybrid after	
Inoculation with <i>Botrytis cinerea</i>	Li Fangle, Guan Lingling, Hu Fengrong(107)
Relationship between Forest Pest Infestation History and Climatic Factors in	
Saihanba Area	Zou Quancheng, Yan Ping, Xu Jiannan, Gong Yinting, Mu Xiaowei, Qihugejin, Zhao Fengjun, Guo Zhifeng, Di Xueying, Yang Guang(114)
Control of <i>Ambrostoma quadriimpressum</i> and <i>Dendrolimus superans</i> by	
Using Trunk Barrier	Zhou Junhua, Wang Yinchen, Wang Yiling, Hu Jihua, Sun Fan(120)
Pathogen Identification of <i>Pinus koraiensis</i> Root Rot	Zhang Ping, Diao Jian, Wang Lihai(123)
Bionomics of Leaf Spot Pathogenon <i>Amorpha fruticosa</i> and	
Fungicides Susceptibility	Fan Wenzhong, Feng Shi, Jiang Renjing, Yang Xue, Lü Xue, Li Haoran(128)
Protective Analysis of Three Fungicides against Hazelnut Root Rot at	
Seedling Stage	Bai Jianyu, Luo Da, Wu Zhengbao, Shi Yanjiang, Song Fenghui(133)
Notice to Contributors	(136)