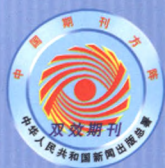


ISSN 1000-5382
CODEN DLDXEU

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

7

第40卷 Volume 40

2012

万方数据

东北林业大学学报

2012 年

第 40 卷 第 7 期

目 次

鹅掌楸属树种近交衰退分析	姚俊修 李火根 边黎明 施季森 (1)
柽柳类锌指基因 <i>ThZF1</i> 的功能分析	曲冠征 郑唐春 杜兆伟 赵思雯 夏德安 (6)
青海云杉半同胞家系苗期遗传变异及选择	刘林英 蒋明 张宋智 马建伟 安三平 王军辉 (11)
广州一号桉树高效组培再生体系的建立	欧阳乐军 沙月娥 黄真池 曾富华 (14)
山西省吉县刺槐、油松人工林密度动态调控技术	玉宝 王百田 (18)
人工林大青杨木材生长轮宽度对气候因子的响应分析	陈磊 郭明辉 (22)
不同沙土配比对约书亚树幼苗生理特征的影响	刘力宁 满秀玲 唐中华 李奕 曲昭琪 段亮亮 (25)
ICP-OES 法测定云南榿树不同部位矿质元素	马长乐 胥辉 白琮 章家理 朱勇 (30)
不同光环境下桉楠幼树叶片叶绿素荧光特性	王茹 刘桂华 赵海燕 胡婧楠 (32)
新疆野核桃不同小叶数复叶构件生物量可塑性及分配规律	张维 任艳利 赵玉 袁依如 拉木 杨允菲 李建东 (37)
东北百里香化感作用	王玲 马喜娟 张秀珍 (41)
Na_2CO_3 胁迫对马蔺幼苗生长及生理特性的影响	张天殊 吴建慧 王可心 郭瑶 (45)
不同温度、光照及 PEG-6000 胁迫对南玉带种子萌发的影响	岳桦 王海洋 李玉珠 (49)
融雪剂胁迫对月季光合特性的影响	茹豪 张建军 徐佳佳 王清玉 黄明 (51)
光照和氮交互作用对 3 种彩叶玉簪光合作用及荧光特性的影响	李金鹏 罗丹娜 马彦 董然 (56)
外源硅缓解枸杞 NaHCO_3 盐害的生理反应	刘强 王庆成 周晓梅 王占武 倪福太 (60)
不同水分处理对莱蕨幼苗生长和生理特性的影响	魏琳 赵雨森 高德武 李日新 孙雪文 刘刚 徐洪亮 徐金忠 (64)
我国猴头栽培菌株的反转录转座子间扩增多态性	王俊 图力古尔 高兴喜 (68)
小兴安岭天然森林沼泽生态系统碳汇功能	周文昌 牟长城 刘夏 顾韩 (71)
北京奥林匹克森林公园绿地二氧化碳摩尔分数季节和年度变化特征	潘剑彬 董丽 晏海 (76)
吉林省临江林业局森林资源的生态效益价值分析	朱丽华 王海南 李学友 杨立学 (82)
长春市 25 种草本花境植物景观价值的综合评价	马彦 赵和祥 张起源 董然 (86)
哈尔滨城市森林小气候状况及对人体舒适度的影响	汪永英 孔令伟 李雯 毛桃义 曹晓飞 荣旭东 (90)
生态学相关原理在哈尔滨市圈旅游资源评价中的应用	吴妍 卓丽环 许大为 (94)
GIS 和 Voronoi 图在哈尔滨城市公园绿地布局中的应用	李文 张博 (99)
松嫩平原北部农牧复合区耕地地力质量评价	李继红 韩雨良 陈秀娟 (104)
松嫩平原北部土壤钾水平分异特征分析	张慧 付强 林佳 (108)
冀北山地不同生境下土壤种子库特征分析	刘琳 姜楠 李玉灵 李继泉 左宗林 (112)
松材线虫危害后马尾松林土壤氮素的矿化特性	王蕾蕾 尹维彬 岳妍 徐小牛 (116)
不同寄主植物对舞毒蛾幼虫发育和中肠总蛋白酶的影响	徐伟 付晓霞 冯晓宇 李玉 (121)
中国黑琴鸡东部分布区资源现状及巢址生境评价	梁兵宽 王志臣 孙海义 田家龙 (123)
昆明金殿国家森林公园不同生境类型蝶类多样性	蒲正宇 周德群 王鹏华 史军义 姚俊 (128)
“白鼻子”病貉血液常规生化指标的测定分析	侯志军 李彦东 金平 张长生 华育平 (131)
水稻结实对反刍动物甲烷排放的影响	华金玲 张永根 王立克 戴四发 鹿训胜 (135)
L-半胱氨酸对农杆菌介导的大豆子叶节转化的影响	张福丽 张怡 周玲 谭光轩 陈龙 苑保军 豆颖丰 鲁四海 李成伟 (139)
改性异氰酸酯树脂胶玉米秸秆皮板工艺	卢杰 张显权 张红杰 (142)
不同催化剂双氧水氧化淀粉的转化及结晶度的比较	刘灿 顾继友 张彦华 (145)
● 研究简报 ●	
吉林省鸟类新纪录——黄腹山雀	王翌 李天松 徐境玲 唐景文 邓秋香 (148)
嵌套样地资源统计估计方法	罗仙仙 (150)
树枝枝丫粉碎机的研制	姜雪松 张红丽 (154)
小型绞盘机卷筒优化设计	潘明旭 王立海 宋世全 杨德岭 (158)
尖突水龟虫雄性前足的结构	王晓玲 (162)
《东北林业大学学报》稿约	(164)

英文审校:李金荣

技术编辑:刘国生

CONTENTS

Inbreeding Depression in <i>Liriodendron</i> Revealed by Both Phenotypic and Genotypic Characteristics	Yao Junxiu, Li Huogen, Bian Liming, Shi Jisen(1)
Functional Characterization of a Zinc-Finger-Like Gene from <i>Tamarix hispida</i>	Qu Guanzheng, Zheng Tangchun, Du ZhaoWei, Zhao Siwen, Xia Dean(6)
Genetic Variation and Selection of Half-sib Families of Qinghai Spruce at Seedling Stage	Liu Linying, Jiang Ming, Zhang Songzhi, Ma Jianwei, An Sanping, Wang Junhui(11)
Establishment of Tissue Culture Regeneration System of <i>Eucalyptus Guangzhou</i> NO. 1	Ouyang Lejun, Sha Yuee, Huang Zhenchi, Zeng Fuhua(14)
Dynamic Control Technology of Density of <i>Robinia pseudoacacia</i> and <i>Pinus tabulaeformis</i> Plantations in Jixian County of Shanxi Province	Yu Bao, Wang Baitian(18)
Response Analysis of Growth Ring Width of Wood from <i>Populus ussuriensis</i> Plantations to Climatic Factors	Chen Lei, Guo Minghui(22)
Physiological Characteristics of <i>Yucca brevifolia</i> Seedlings at Different Ratios of Sand to Soil	Liu Lining, Man Xiuling, Tang Zhonghua, Li Yi, Qu Chaoqi, Duan Liangliang(25)
Determination of Mineral Elements in Different Parts of <i>Torreya yunnanensis</i> by ICP-OES	Ma Changle, Xu Hui, Bai Qiong, Qin Jiali, Zhu Yong(30)
Chlorophyll Fluorescence Characteristics of <i>Phoebe zennan</i> Seedlings under Different Light Regimes	Wang Ru, Liu Guihua, Zhao Haiyan, Hu Jingnan(32)
Biomass Plasticity and Allocation Rules for Modules of Compound Leaves with a Different Number of Leaflets on <i>Juglans cathayensis</i> in Xinjiang	Zhang Wei, Ren Yanli, Zhao Yu, Hai Yirulamu, Yang Yunfei, Li Jiandong(37)
Allelopathy of <i>Thymus mandschuricus</i>	Wang Ling, Ma Xijuan, Zhang Xiuzhen(41)
Effects of Na ₂ CO ₃ on Biomass and Physiological Characteristics of <i>Iris lactea</i> var. <i>chinensis</i>	Zhang Tianshu, Wu Jianhui, Wang Kexin, Guo Yao(45)
Effects of Temperature, Light Intensity and PEG Stress on Seed Germination of <i>Asparagus oligoclonus</i>	Yue Hua, Wang Haiyang, Li Yuzhu(49)
Effects of Deicing Salt Stress on Photosynthetic Characteristics of <i>Rosa chinensis</i>	Ru Hao, Zhang Jianjun, Xu Jiajia, Wang Qingyu, Huang Ming(51)
Effects of Light Intensity and Nitrogen Interaction on Photosynthesis and Chlorophyll Fluorescence Characteristics in Three Species of Colorful <i>Hosta</i>	Li Jinpeng, Luo Danna, Ma Yan, Dong Ran(56)
Toxic Effects of NaHCO ₃ on <i>Lycium dasystemum</i> Alleviated by Exogenous Si	Liu Qiang, Wang Qingcheng, Zhou Xiaomei, Wang Zhanwu, Ni Futai(60)
Effects of Different Water Treatments on the Growth and Physiological Characteristics of <i>Matteuccia struthiopteris</i> Seedlings	Wei Lin, Zhao Yusen, Gao Dewu, Li Rixin, Sun Xuwen, Liu Gang, Xu Hongliang, Xu Jinzhong(64)
<i>Hericium erinaceus</i> Strains with Inter-Retrotransposon Amplified Polymorphism in China	Wang Jun, Bao Tolgor, Gao Xingxi(68)
Carbon Sink in Natural Swamp Forest Ecosystems in Lesser Xing'an Mountains	Zhou Wenchang, Mu Changcheng, Liu Xia, Gu Han(71)
Seasonal and Annual Characteristics of CO ₂ Concentration in Beijing Olympic Forest Park	Pan Jianbin, Dong Li, Yan Hai(76)
Value Analysis of Ecological Benefits of Forest Resources in Linjiang Forestry Bureau, Jilin Province	Zhu Lihua, Wang Hainan, Li Xueyou, Yang Lixue(82)
Comprehensive Appraisal on Landscape Value for Twenty-five Species of Herbaceous Border Plants in Changchun	Ma Yan, Zhao Hexiang, Zhang Qiuyan, Dong Ran(86)
Status of Microclimate in Urban Forests in Harbin and Its Effects on Human Comfort Degree	Wang Yongying, Kong Lingwei, Li Wen, Mao Taoyi, Cao Xiaofei, Rong Xudong(90)
Application of Ecology Principles to Evaluation of Tourism Resources in Metropolitan Region of Harbin	Wu Yan, Zhuo Lihuan, Xu Dawei(94)
Application of GIS Map and Voronoi Graph to Layout of Park Green Space in Harbin	Li Wen, Zhang Bo(99)
Evaluation on Quality of Farmland in Farming-Pastoral Zone in the North of Songnen Plain	Li Jihong, Han Yuliang, Chen Xiujuan(104)
Horizontal Spatial Variation of Soil Arsenic in Northern Songnen Plain	Zhang Hui, Fu Qiang, Lin Jia(108)
Characteristics of Soil Seed Bank Under Different Habitats in Hebei Mountainous Region	Liu Lin, Jiang Tao, Li Yuling, Li Jiquan, Zuo Zonglin(112)
Soil Nitrogen Mineralization in <i>Pinus massoniana</i> Stands After Disturbance by Pine Wilt Disease	Wang Leilei, Yin Weinbin, Yue Yan, Xu Xiaoni(116)
Effects of Different Host Plants on Development and Total Midgut Protease Activities of <i>Lymantria dispar</i> Larvae	Xu Wei, Fu Xiaoxia, Feng Xiaoyu, Li Yu(121)
Population Status and Nest-Site Habitat Evaluation of Black Crouse (<i>Lyrurus tetrix</i>) in Its Eastern Distribution Areas in China	Liang Bingkuan, Wang Zhichen, Sun Haiyi, Tian Jialong(123)
Butterfly Diversity of Different Types of Habitats in Jindian National Forest Park, Kunming	Pu Zhengyu, Zhou Dequn, Wang Penghua, Shi Junyi, Yao Jun(128)
Analysis of Blood Routine Biochemical Parameters for Raccoon Dogs Suffering from White Nose Disease	Hou Zhijun, Li Yandong, Jin Xin, Zhang Changsheng, Hua Yuping(131)
Effect of Rice Straw Silage on Methane Emission from Ruminants	Hua Jinxing, Zhang Yonggen, Wang Like, Dai Sifa, Pang Xunsheng(135)
Effects of L-cysteine on <i>Agrobacterium</i> -Mediated Transformation of Soybean Cotyledonary Nodes	Zhang Fuli, Zhang Yi, Zhou Ling, Tan Guangxuan, Chen Long, Yuan Baojun, Dou Yingfeng, Lu Sihai, Li Chengwei(139)
Production Technology for Corn Stalk Bark Composite with Modified Isocyanate Resin	Lu Jie, Zhang Xianquan, Zhang Hongjie(142)
Effects of Different Catalysts on Conversion and Crystallinity of Oxidized Starch by Hydrogen Peroxide	Liu Can, Gu Jiyou, Zhang Yanhua(145)
• Research note •	
A New Record Species from Jilin Province: <i>Parus venustus</i>	Wang Yi, Li Tiansong, Xu Jingling, Tang Jingwen, Deng Qiuxiang(148)
Estimation Method of Resources Based on Nested Plots	Luo Xianxian(150)
Research and Development of Branch Chipper Shredders	Jiang Xuesong, Zhang Hongli(154)
Optimized Design of Small Winding Drum Installed in Skidding Tractor Based on Computer Aided Design	Pan Mingxu, Wang Lihai, Song Shiquan, Yang Deling(158)
Observations on Forefeet of Male Large <i>Hydrophilus acuminatus</i>	Wang Xiaoling(162)
Notice to Contributors	(164)