

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
第十一期

二〇二〇年十一月

11

第48卷 Volume 48

2020

万方数据

东北林业大学学报

2020年

第48卷第11期

目次

硝态氮供应水平对棕榈幼苗根系形态及苗木生长的影响	刘盈盈 韦小丽 周紫晶 邵畅畅(1)
辽东地区不同林龄长白落叶松人工林	
生态系统碳储量分配特征	廖国莉 段劫 贾忠奎 马履一 苏小珺 何远洋(8)
不同光合有效辐射对2种鸭跖草科植物生理指标及	
超微结构的影响	陈斌 刘筱玮 徐畅 李洪瑶 夏斌 杨扬 何森(14)
祁连山东段灌丛穿透雨特征	张雪 赵锦梅 雷隆举 王迪(23)
干涉水云模型对不同极化方式哨兵数据估测森林生物量的精度比较	张伟伦 张延成 范文义 吴国明(27)
结合干涉特征的极化 SAR 图像监督分类——将乐林场的林分类型识别	侯敬怡 张延成 范文义(33)
运用机载激光雷达数据估算不同森林类型叶面积指数	陈卓 范文义 于颖 毛学刚(39)
应用地基激光雷达数据估算塔里木河下游	
胡杨叶面积指数	巴比尔江·迪力夏提 玉米提·哈力克 艾萨迪拉·玉苏甫 魏建新(46)
海拔对毛竹春笋重金属残留及其与土壤化学性状制约性关系的影响	徐森 谷瑞 陈双林 郭子武 章超(51)
杜鹃冠网蝽危害胁迫对杜鹃花叶组织脂膜过氧化及抗氧化酶的影响	何香 董廷发 何恒果 段宇杰(56)
低温胁迫下菊花叶片不饱和脂肪酸质量分数对	
光系统 II 功能的影响	聂林杰 孙泽硕 程祥飞 张开明 李永华(61)
对简单线性迭代聚类算法改进的遥感影像超像素分割方法	赵宇晴 陈广胜 景维鹏(66)
四川盆周西缘山地典型人工林地地表节肢动物群落特征	张亚 周海英 陈兵 涂程伟 肖玖金 张健(72)
草甘膦对桉树人工林土壤酶活性的影响	侯文军 邹明 李宝福 俞元春(76)
黑龙江省帽儿山 2—5 月份气温变化对雀形目鸟类迁徙时间的影响	陶珊慧 赵圣军 安玉鑫 吴伟 许青(80)
吉林省上营森林经营局不同林型昆虫群落多样性	赵红蕊 陈帅 柳立杨 姜俊嘉 刘辉 程艳 刘修成(84)
祁连山国家公园青海片区蚂蚁物种的分布格局	熊忠平 钱昱含 徐正会 李彪 翟奖 黄钊 和秋菊(92)
真藓属(<i>Bryum</i> Hedw.) 在新疆的分布	刘永英 艾克达·艾克巴尔 阿布都沙拉木·土尔洪 买买提明·苏来曼(98)
链格孢菌毒素胁迫下的棘孢木霉转录组构建及生防基因差异表达	安一博 马玲 韩静 张平 刘志华(105)
户外集成材用复合改性木薯淀粉胶黏剂的性能	邵卓峰 陈启凤 王志勇(111)

• 研究简报 •

中国新记录种:巴西无梗囊霉的形态与分子生物学鉴定	姚莉梅 石磊 李海波 尚昆 朱青青 周光荣 江龙(117)
采自江西的 2 个小蘑菇属中国新记录种	孙佳悦 王粤生 王鑫 汪毅 易忠琛 颜俊清 霍光华(120)
舟蛾科新记录种记述(鳞翅目)	潘朝晖 陈刘生(124)
更正	(125)、(126)

英文审校:于雷

万方数据

CONTENTS

Responses of Root Morphology and Seedling Growth of *Trachycarpus fortunei* to
Different Nitrate Supply Level Liu Yingying, Wei Xiaoli, Zhou Zijing, Shao Changchang(1)

Distribution Characteristics of Carbon Storage in *Larixolgensis* Plantation
Ecosystem of Different Ages in Eastern Liaoning Province Liao Guoli, Duan Jie, Jia Zhongkui, Ma Lityi, Su Xiaojun, He Yuanyang(8)

Effects of Different Photosynthetically Active Radiation on Physiological Characteristics and
Ultrastructure of Two Species of Commelinaceae Chen Bin, Liu Xiaowei, Xu Chang, Li Hongyao, Xia Bin, Yang Yang, He Miao(14)

Throughfall Characteristics of Shrub in Eastern Qilian Mountain Zhang Xue, Zhao Jinmei, Lei Longju, Wang Di(23)

Comparison of Biomass Accuracy with Different Polarization Data with
Interferometric Water Cloud Model Zhang Weilun, Zhang Yancheng, Fan Wenyi, Wu Guoming(27)

Supervised Classification of Polarimetric SAR Images with Interference Features
--Stand Type Identification of Jiangle Forest Farm Hou Jingyi, Zhang Yancheng, Fan Wenyi(33)

Estimating Leaf Area Index of Different Forest Types Using Airborne Laser Scanner Chen Zhuo, Fan Wenyi, Yu Ying, Mao Xuegang(39)

Estimating the Leaf Area Index of *Populus euphratica* in the Lower Reaches of
Tarim River with Terrestrial Laser Scanning Babierjiang Dilixiati, Umot Halik, Aisadila Yusufu, Wei Jianxin(46)

Effects of Altitude on Heavy Metal Residues in *Phyllostachys edulis* spring
Shoots and Their Restrictive Relations with Soil Characters Xu Sen, Gu Rui, Chen Shuanglin, Guo Ziwu, Zhang Chao(51)

Effects of Herbivores Tress by *Stephanitis pyrioides* Scott on the Contents of MDA and
Activities of Protective Enzymes in *Rhododendron* Leaf He Xiang, Dong Tingfa, He Hengguo, Duan Yujie(56)

Effect of Unsaturated Fatty Acid on PSII Function in Chrysanthemum (*Dendranthema morifolium*)
Leaves under Low Temperature Stress Nie Linjie, Sun Zeshuo, Cheng Xiangfei, Zhang Kaiming, Li Yonghua(61)

Improved SLIC Clustering Superpixels Segmentation Method on Remote Sensing Image Zhao Yuqing, Chen Guangsheng, Jing Weipeng(66)

Characteristics of Surface Arthropod Community under Typical Artificial Forest in the
Western Margin of Sichuan Basin Zhang Ya, Zhou Haiying, Chen Bing, Tu Chengwei, XiaoJiujin, Zhang Jian(72)

Effect of Glyphosate on Soil Enzyme Activities in Eucalyptus Plantations Hou Wenjun, Zou Ming, Li Baofu, Yu Yuanchun(76)

Effect of Temperature Change on Migration Time of Passeriformes in Maoer
Mountain of Heilongjiang Province from February to May Tao Shanhui, Zhao Shengjun, An Yuxin, Wu Wei, Xu Qing(80)

Insect Diversity of Different Forest Type in Shangying Forest Management
Bureau of Jilin Province Zhao Hongnui, Chen Shuai, Liu Liyang, Jiang Junjia, Liu Hui, Cheng Yan, Liu Xiucheng(84)

Distribution Patterns of Ant Species from Qinghai Part of Qilian Mountain National Park
..... Xiong Zhongping, Qian Yuhan, Xu Zhenghui, Li Biao, Zhai Jiang, Huang Zhao, He Qiuju(92)

Notes on *Bryum* Hedw. in Xinjiang, China Liu Yongying, Akida Akbar, Abdusalam Turgun, Mamtimin Sulayman(98)

Transcriptome Construction and Biocontrol Gene Differential Expression Analysis of
Trichoderma asperellum under *Alternaria alternata* Toxin Stress An Yibo, Ma Ling, Han Jing, Zhang Ping, Liu Zhihua(105)

Performance of Composite Modified Cassava Starch Adhesive for Decorative
Glulam of Landscape Facilities Shao Zhuofeng, Chen Qifeng, Wang Zhiyong(111)

• Research note •

Acaulospora brasiliensis, A New Chinese Record Species of Glomeromycota through Morphology and
Molecular Phylogeny Identification Yao Limei, Shi Lei, Li Haibo, Shang Kun, Zhu Qingqing, Zhou Guangrong, Jiang Long(117)

Two New Records of *Micropsalliota* from
Jiangxi Province Sun Jiayue, Wang Yuesheng, Wang Xin, Wang Yi, Yi Zhongchen, Yan Junqing, Huo Guanghua(120)

Description of New Record to China (Lepidoptera, Notodontidae) Pan Zhaohui, Chen Liusheng(125, 126)