



ISSN 1001-1498

CN 11-1221/S

CODEN LKYAEB

# 林业科学研究

FOREST RESEARCH

第26卷 第1期

Vol. 26 No. 1



2013 1



中国林业科学研究院  
THE CHINESE ACADEMY OF FORESTRY

万方数据



## 目次

- I-69 杨人工林养分循环的研究..... 杨世桦,杨承栋,董玉红,等(1)
- 喀斯特森林植被自然恢复中凋落物现存量及其碳库特征演化..... 黄宗胜,符裕红,喻理飞(8)
- 枫香同工酶遗传多样性分析..... 柴国锋,郑勇奇,王良桂,等(15)
- 湖北恩施桢楠林群落组成与结构..... 王琦,李因刚,柳新红,等(21)
- ptc-miR213 的人工 microRNA 植物表达载体的构建及遗传转化..... 谢丽华,蒋晶,刘明英,等(29)
- 桉树蛀干新害虫——桉蝙蛾形态与生物学研究..... 杨秀好,于永辉,曹书阁,等(34)
- 欧美杨新型溃疡病病株与健株干部树皮中真、细菌优势种群分析..... 李永,朴春根,贺伟,等(41)
- 氮素指数施肥对 3 个楸树无性系光合特性的影响..... 王力朋,晏紫伊,李吉跃,等(46)
- 采伐对幕布山区毛竹林土壤呼吸的影响..... 唐晓鹿,范少辉,漆良华,等(52)
- 白刺光合生理特性对人工模拟增雨的响应..... 何季,吴波,贾子毅,等(58)
- 利用 16S rDNA 基因序列进行害竹飞虱(半翅目:飞虱科)的分子鉴定..... 侯晓晖,陈祥盛(65)
- 氮素营养对闽楠幼苗生长及光合特性的影响..... 王东光,尹光天,邹文涛,等(70)
- 构树 ISSR 反应体系的优化与建立..... 廖声熙,崔凯,张鹏,等(76)
- 杜鹃花花色苷遗传变异的研究..... 陈越,李纪元,倪穗,等(81)
- 枯叶蛱蝶触角感器的扫描电镜观察..... 唐宇翀,周成理,陈晓鸣(88)
- 中国特有濒危植物崖柏扦插繁殖研究..... 金江群,郭泉水,朱莉,等(94)
- 研究简报**
- 杨树花枝盆栽加温促进生根人工杂交育种技术..... 蔺胜军,王志英,苏晓华,等(101)
- 华北南部低丘山地刺槐林土壤温度与冠层气温关系的研究..... 郑宁,陆森,张劲松,等(107)
- 山桐子自然群体表型性状变异分析..... 江锡兵,龚榜初,李大伟,等(113)
- 普通油茶不同树体结构与光能利用的关系..... 段伟华,袁德义,高超,等(118)
- 长江滩地不同杨树无性系的生长比较..... 唐罗忠,吴麟,葛晓敏,等(123)
- 三种色型玛咖甾醇组分及含量分析..... 甘瑾,冯颖,张弘,等(129)
- 书讯**
- 《中国荒漠植物图鉴》,《库姆塔格沙漠研究》出版..... (14,128)

# FOREST RESEARCH

Vol. 26 No. 1 Feb. 2013

## Contents

- Study on the Nutrient Cycling of I-69 Poplar Plantation  
..... YANG Shi-hua, YANG Cheng-dong, DONG Yu-hong, *et al*(1)
- Evolution of Litterfall Accumulation and the Characteristics of Its Carbon Pool in the Process of Natural Restoration  
of Karst Forest Vegetation ..... HUANG Zong-sheng, FU Yu-hong, YU Li-fei(8)
- Genetic Diversity of Allozyme Markers of *Liquidambar formosana* Hance  
..... CHAI Guo-feng, ZHENG Yong-qi, WANG Liang-gui, *et al*(15)
- Community Composition and Structure of *Phoebe zhennan* Forest in Enshi, Hubei Province  
..... WANG Qi, LI Yin-gang, LIU Xin-hong, *et al*(21)
- Construction of Artificial miRNA of ptc-miR213 Expression Vector and Transformation into *Arabidopsis thaliana*  
..... XIE Li-hua, JIANG Jing, LIU Ming-ying, *et al*(29)
- Morphology and Biology of *Endoclyta signifer* Walker(Lepidoptera:Hepialidae), a New Wood Borer on *Eucalyptus*  
..... YANG Xiu-hao, YU Yong-hui, CAO Shu-ge, *et al*(34)
- Analysis on Dominant Population of Fungus and Bacteria from Healthy and Canker Disease-Infected *Populus × eu-*  
*roamericana* Bark ..... LI Yong, PIAO Chun-gen, HE Wei, *et al*(41)
- Effects of Nitrogen Exponential Fertilization on Photosynthetic Characteristics of Three *Catalpa bungei* Clones  
..... WANG Li-peng, YAN Zi-yi, LI Ji-yue, *et al*(46)
- Effect of Cutting on Soil Respiration in *Phyllostachy edulis* Forest, Mubushan, China  
..... TANG Xiao-lu, FAN Shao-hui, QI Liang-hua, *et al*(52)
- Light Responses of *Nitraria tangutorum* to Rain Addition Treatments ..... HE Ji, WU Bo, JIA Zi-yi, *et al*(58)
- Molecular Identification of Bamboo Planthoppers (Hemiptera: Delphacidae) Based on Mitochondrial 16S rDNA  
Gene Sequences ..... HOU Xiao-hui, CHEN Xiang-sheng(65)
- Effects of Nitrogen Loading on Growth and Photosynthetic Characteristics of *Phoebe bournei* Seedlings  
..... WANG Dong-guang, YIN Guang-tian, ZOU Wen-tao, *et al*(70)
- Establishment and Optimization of ISSR Reaction System of *Broussonetia papyrifera*  
..... LIAO Sheng-xi, CUI Kai, ZHANG Peng, *et al*(76)
- Research on Genetic Variations of Anthocyanins in Azalea Petals ... CHEN Yue, LI Ji-yuan, NI Sui, *et al*(81)
- Scanning Electron Microscopic Observations of Antennae and Sensilla of *Kallima inachus*  
..... TANG Yu-chong, ZHOU Cheng-li, CHEN Xiao-ming(88)
- Study on Cutting Propagation of *Thuja sutchuenensis*, An Endangered Species Endemic to China  
..... JIN Jiang-qun, GUO Quan-shui, ZHU Li, *et al*(94)
- Scientific Notes**
- Controlled Breeding Techniques to Accelerate Rooting of Poplar Floral Cuttings by Warming the Flowerpots  
..... MAN Sheng-jun, WANG Zhi-ying, SU Xiao-hua, *et al*(101)
- Relationship between Soil and Air Temperature of *Robinia pseudoacacia* Plantation in North China  
..... ZHENG Ning, LU Sen, ZHANG Jin-song, *et al*(107)
- Variation Analysis of Phenotypic Traits in Natural Population of *Idesia polycarpa*  
..... JIANG Xi-bing, GONG Bang-chu, LI Da-wei, *et al*(113)
- Relationship between Tree Composition and Light Utilization of *Camellia oleifera*  
..... DUAN Wei-hua, YUAN De-yi, GAO Chao, *et al*(118)
- Comparative Studies on the Growth of Different Poplar Clones on Beach Land of Yangtse River  
..... TANG Luo-zhong, WU Lin, GE Xiao-min, *et al*(123)
- Analysis on Composition and Content of Sterols in Three Color Types of Maca, *Lepidium meyenii*  
..... GAN Jin, FENG Ying, ZHANG Hong, *et al*(129)