

林业科学 第47卷 第2期

(2011年2月)

目 次

旅游活动对九华山风景区游道附近植物群落的影响	晋秀龙,陆林,郝朝运,等(1)
针阔混交林冬季油锯择伐作业中保留木的损伤率	王立海,游祥飞,孟春,等(9)
择伐对天然云冷杉林林分生长和结构的影响	胡云云,闵志强,高延,等(15)
基于MERSI数据的山西森林覆盖监测	武永利,田国珍(25)
Erf-BP混合像元分解及在森林遥感信息提取中应用	徐小军,杜华强,周国模,等(30)
不同林龄马尾松的种源选择效果	金国庆,秦国峰,刘伟宏,等(39)
菊花营养性状杂种优势表现与主基因+多基因混合遗传分析	张飞,陈发棣,房伟民,等(46)
文冠果体胚形态建成过程中的蛋白质组分	顾玉红,高述民,李凤兰,等(53)
黄栌与大丽轮枝菌互作的组织病理学变化	鲍绍文,陶万强,田呈明(58)
欧美杨107杨抗硫无性系的变异及其抗氧化保护系统对SO ₂ 响应	徐洁,白坤栋,万贤崇,等(66)
短枝木麻黄幼苗小枝单宁形成的养分和酸度效应	张立华,林益明,叶功富(72)
杨树内生菌球毛壳抗生物质的培养基优化、检测和动力学	高建锋,刘晓光,高克祥,等(82)
武夷山风景区萧氏松茎象的发生与环境因素的综合相关分析	陈顺立,杜瑞卿,余培旺,等(89)
两行一带式乔木固沙林带风速流场和防风效果风洞试验	杨文斌,王晶莹,董慧龙,等(95)
中度火干扰对白桦落叶松混交林土壤理化性质的影响	孙龙,赵俊,胡海清(103)
绿色供应链视角下的林纸一体化共生机制	张智光(111)
胶合板产业集群的成因与效应分析	吕柳,卢晓宁,温作民(118)
综合评述	
Storage, carbon pool of coarse woody debris in forest ecosystems and influence factors	Guo Jianfen, Yang Yusheng, Zhong Xianfang, et al. (125)
木材流体渗透理论与研究方法	李永峰,刘一星,于海鹏,等(134)
问题讨论	
中国森林生态系统服务功能及其价值评估	王兵,任晓旭,胡文(145)
研究简报	
NaCl和Na ₂ CO ₃ 胁迫对四翅滨藜种子萌发及保护酶活性的影响	王娟娟,张文辉(154)
基于油茶组59万条EST序列的转录组学初步分析	陈英,江香梅,张露,等(161)
尾巨桉3-羟基-3-甲基戊二酰CoA还原酶基因的克隆及表达分析	彭江,孙一铭,宋锋,等(164)
城市污泥对杨树幼苗光合生理特性的影响	卢振兰,白莉萍,宋金洪,等(169)
中国野漆树与日本野漆树油脂成分差异性分析	唐丽,傅超凡,钟秋平(174)
不同生境对踏郎生长及土壤养分空间差异的影响	杨东华,赵雨森(180)

(本期值班编辑 石红青 统编统校 张君颖)

SCIENTIA SILVAE SINICAE Vol. 47, No. 2

CONTENTS

Effects of tourism activities on plants communities of trail neighborhoold in Mount. Jiuhua scenic region	Jin Xiulong, Lu Lin, Hao Chaoyun, et al. (1)
Damage rate of residual trees caused by chainsaw felling in the selective cutting operations during winter in a conifer-broadleaved forest	Wang Lihai, You Xiangfei, Meng Chun (9)
Effects of selective cutting on stand growth and structure for natural mixed spruce (<i>Picea koraiensis</i>) -fir (<i>Abies nephrolepis</i>) forests	Hu Yunyun, Min Zhiqiang, Gao Yan, et al. (15)
Forest remote monitoring based on MERSI data in Shanxi	Wu Yongli, Tian Guozhen(25)
Spectral mixture analysis based on Erf-BP model and applied in extracting forest information	Xu Xiaojun, Du Huaqiang, Zhou Guomo, et al. (30)
Provenance selection effect at different stand age of <i>Pinus massoniana</i>	Jin Guoqing, Qin Guofeng, Liu Weihong, et al. (39)
Heterosis and major gene plus polygene mixed genetic analysis for vegetative traits in chrysanthemum	Zhang Fei, Chen Fadi, Fang Weimin, et al. (46)
Variation in protein expression during somatic embryogenesis of <i>Xanthoceras sorbifolia</i>	Gu Yuhong, Gao Shumin, Li Fenglan, et al. (53)
Histopathological response in the interaction between <i>Cotinus coggygria</i> and <i>Verticillium dahliae</i>	Bao Shaowen, Tao Wanqiang, Tian Chengming (58)
Responses of poplar (<i>Populus × euramericana</i> cv. "74/76") SO ₂ -resistant clone to SO ₂ fumigation and the variation in antioxidant systems	Xu Jie, Bai Kundong, Wan Xianchong, et al. (66)
Effects of nutrients and acidity on tannin production of <i>Casuarina equisetifolia</i> seedling branchlets	Zhang Lihua, Lin Yiming, Ye Gongfu(72)
Optimization of media for culturing endophytic fungus <i>Chaetomium globosum</i> isolated from a poplar and detection and dynamics of antifungal substances	Gao Jianfeng, Liu Xiaoguang, Gao Kexiang, et al. (82)
Integrated correlative analysis between occurrence of <i>Hylobitellus xiaoi</i> and ambient factors	Chen Shunli, Du Ruiqing, Yu Peiwang, et al. (89)
Windbreak effects and wind velocity flow field of low density forest with two-line-one-belt distribution patterns of single-belt scheme	Yang Wenbin, Wang Jingying, Dong Huilong, et al. (95)
Effect of moderate fire disturbance on soil physical and chemical properties of <i>Betula platyphylla</i> - <i>Larix gmelinii</i> mixed forest	Sun Long, Zhao Jun, Hu Haiqing(103)
Symbiosis mechanism of forestry-paper integration from the perspective of green supply chain	Zhang Zhiguang(111)
Effect analysis and forming of plywood industry clusters in China	Lu Liu, Lu Xiaoning, Wen Zuomin(118)
Review	
Storage, carbon pool of coarse woody debris in forest ecosystems and influence factors	
..... Guo Jianfen, Yang Yusheng, Zhong Xianfang, et al. (125)	
Theory of fluids penetrating wood and its researching method	Li Yongfeng, Liu Yixing, Yu Haipeng, et al. (134)
Discussion	
Assesment of forest ecosystem services value in China	Wang Bing, Ren Xiaoxu, Hu Wen(145)
Scientific notes	
Effects of activities of protective enzymes and seed germination in <i>Atriplex canescens</i> under NaCl and Na ₂ CO ₃ stress	Wang Juanjuan, Zhang Wenhui(154)
Transcriptome characterization for <i>Camellia</i> Sect. <i>Oleifera</i> based on the 592 499 ESTs	Chen Ying, Jiang Xiangmei, Zhang Lu, et al. (161)
Molecular cloning and prokaryotic expression of the gene encoding HMG-CoA reductase from <i>Eucalyptus urophylla</i> × <i>E. grandis</i>	Peng Jiang, Sun Yiming, Song Feng, et al. (164)
Effects of municipal sewage sludge on photosynthetic characteristics in poplar seedlings	Lu Zhenlan, Bai Liping, Song Jinhong, et al. (169)
Variation analysis of oil and fat compositions between Chinese wild lacquer and Japanese wild lacquer	Tang Li, Fu Chaofan, Zhong Qiuping, et al. (174)
Effects of site condition on growth and spatial variations of <i>Hedysarum Laeve</i>	Yang Donghua, Zhao Yusen(180)