

目 次

5 年生马尾松生长性状 3 地点家系变异及评价	解懿妮, 刘青华, 蔡燕灵, 等(1)
尾巨桉杂种 F ₁ 与抗风性关联的性状分析及其选优	沈 乐, 徐建民, 李光友, 等(13)
昆崙山腮扁叶蜂虫基指数模型	胡瑞瑞, 梁 军, 谢 宪, 等(21)
北亚热带 3 种典型森林群落水文过程中盐基离子年内动态变化特征	康希睿, 张涵丹, 王小明, 等(28)
塞罕坝华北落叶松人工林不同经营模式效果评价	葛兆轩, 苑美艳, 单博文, 等(38)
基于峰谷分析算法用针刺仪测定树木年龄的可行性分析	潘 虹, 卢 军, 郭旭展, 等(48)
贮藏温度对枫香种子耐贮性的影响	裴云霞, 曹 健, 杜克兵, 等(55)
广东省常绿阔叶林生物量生长模型	曹 磊, 刘晓彤, 李海奎, 等(61)
白桦 <i>BpbZIP1</i> 基因抗旱耐盐分析及 ABRE 元件结合鉴定	郭依萍, 石晶静, 周美琪, 等(68)
翁源青云山自然保护区亚热带常绿阔叶林群落结构和区系特征	陈晓熹, 李 群, 黄久香, 等(77)
基于非靶向代谢组学的沉水樟内源生根抑制物分析	邹显花, 胡亚楠, 孙雪莲, 等(86)
麻栎不同种源幼林生长和生物量的变异	苑海静, 邢文黎, 徐海东, 等(97)
桂西北秃杉人工林不同年龄阶段的固碳功能	谢敏洋, 何 斌, 戴 军, 等(106)
虫瘿组织中肚倍蚜唾液蛋白的提取和鉴定	杨 瑛, 魏洪媛, 邵淑霞, 等(114)
林下植被去除对杉木人工林土壤酶活性及其化学计量比的影响	刘 仁, 袁小兰, 刘 俏, 等(121)
年龄无关的生长模型研究—以落叶松平均高为例	国 红, 雷渊才, 郎璞玫(129)
山西省酸枣遗传多样性及遗传结构分析	胡晓艳, 杜淑辉, 王兆山, 等(137)
金丝楸优良无性系遗传多样性和亲缘关系的 AFLP 分析	马庆国, 王治军, 徐慧敏, 等(145)
基于 LUCC 和景观格局变化的海南东寨港红树林湿地动态研究	吴庭天, 丁 山, 陈宗铸, 等(154)
不同品种油茶根际丛枝菌根真菌群落结构特征	林宇岚, 李正昀, 吴 斐, 等(163)
森林环境中民用与专业级设备多模态定位精度比较研究	武红敢, 罗 鹏, 杨云风, 等(170)
浙江滨海湿地互花草生长性状对土壤化学因子的响应	陆琳莹, 邵学新, 杨 慧, 等(177)
研究简报	
天水小陇山红豆杉群落特征的生态学意义	张国强, 巨天珍, 刘文桢, 等(184)
短翅足距小蠹生物学特性初步研究	翟 鸣, 邱建生, 吴跃开, 等(191)
更正	(105)

Contents

Family Variation and Evaluation of Growth Traits of 5-Year-old *Pinus massoniana* in Three Sites XIE Yi-ni, LIU Qing-hua, CAI Yan-ling, *et al*(12)

Correlation Analysis and Selection on Wind Resistance and Correlative Characters of *Eucalyptus urophylla* × *E. grandis* F1 Hybrids SHEN Le, XU Jian-min, LI Guang-you, *et al*(20)

Pest Based Index Model of *Cephalcia kunyushanica* in Kunyushan Mountains HU Rui-rui, LIANG Jun, XIE Xian, *et al*(27)

Annual Dynamic Characteristics of Base Cations During Hydrological Processes of Three Forest Communities in Northern Subtropical Region of ChinaKANG Xi-rui, ZHANG Han-dan, WANG Xiao-ming, *et al*(37)

Evaluation of Management Modes on *Larix principis-rupprechtii* Plantations in Saihanba of Hebei Province, China GE Zhao-xuan, YUAN Mei-yan, SHAN Bo-wen, *et al*(47)

Feasibility Analysis of Tree Age Estimation Algorithm Using Resistograph Based on Peak-valley Analysis PAN Hong, LU Jun, GUO Xu-zhan, *et al*(54)

Effects of Storage Temperature on Seed Storability of *Liquidambar formosana* PEI Yun-xia, CAO Jian, DU Ke-bing, *et al*(60)

Biomass Growth Models for Evergreen Broad-leaved Forests in Guangdong CAO Lei, LIU Xiao-tong, LI Hai-kui, *et al*(67)

Drought and Salt Tolerance Analysis of *BpbZIP1* Gene in Birch and ABRE Element Binding Identification GUO Yi-ping, SHI Jing-jing, ZHOU Mei-qi, *et al*(76)

The Community Structure and Floristic Characteristics of Subtropical Evergreen Broadleaved Forest in Qingyunshan Nature Reserve, Guangdong CHEN Xiao-xi, LI Qun, HUANG Jiu-xiang, *et al*(85)

Analysis of Endogenous Rooting Inhibitors in *Cinnamomum micranthum* Based on Non-targeted Metabolomics ApproachZOU Xian-hua, HU Ya-nan, SUN Xue-lian, *et al*(96)

Variation in Growth and Biomass of *Quercus acutissima* Provenances YUAN Hai-jing, XING Wen-li, XU Hai-dong, *et al*(105)

Carbon Sequestration of Different Aged *Taiwania flousiana* Plantations in Northwestern Guangxi XIE Min-yang, HE Bin, DAI Jun, *et al*(113)

Salivary Protein Collection and Identification of Galling Aphid *Kaburagia rhusicola rhusicola* from Plant Gall Tissue YANG Ying, WEI Hong-yuan, SHAO Shu-xia, *et al*(120)

Effects of Understory Vegetation Removal on Soil Hydrolytic Enzyme Activity and Stoichiometric Ratio of Chinese Fir Plantation LIU Ren, YUAN Xiao-lan, LIU Qiao, *et al*(128)

Study on Age-independent Tree Model: Taking the Average Height of *Larix gmelinii* as an Example GUO Hong, LEI Yuan-cai, LANG Pu-mei(136)

Genetic Diversity and Genetic Structure of *Ziziphus jujuba* var. *spinosa* in Shanxi HU Xiao-yan, DU Shu-hui, WANG Zhao-shan, *et al*(144)

AFLP Analysis of *Catalpa bungei* Superior Clones MA Qing-guo, WANG Zhi-jun, XU Hui-min, *et al*(153)

Dynamic Analysis of Mangrove Wetlands Based on LUCC and Landscape Pattern Change in Dongzhai Port WU Ting-tian, DING Shan, CHEN Zong-zhu, *et al*(162)

Community Structure Characteristics of Arbuscular Mycorrhizal Fungi among *Camellia oleifera* Cultivars LIN Yu-lan, LI Zheng-yun, WU Fei, *et al*(169)

Comparison on Multimodal Positioning Accuracy of Commercial and Professional Receiver in Forest Environment WU Hong-gan, LUO Peng, YANG Yun-feng, *et al*(176)

Response of *Spartina alterniflora* Growth to Soil Chemical Properties in Coastal Wetland of ZhejiangLU Lin-ying, SHAO Xue-xin, YANG Hui, *et al*(183)

Scientific Notes

Ecological Significance of Community Characteristics of *Taxus chinensis* in Xiaolongshan Mountains of Tianshui ZHANG Guo-qiang, JU Tian-zhen, LIU Wen-zhen, *et al*(190)

Preliminary Observation on the Bionomics of *Xylosandrus brevis* ZHAI Ming, QIU Jian-sheng, WU Yue-kai, *et al*(198)