

目 次

基于毛细管电泳的日本落叶松 MSAP 反应体系的建立	刁 姝, 孙 超, 孙晓梅, 等(361)
基于 BP 神经网络的天然云冷杉针阔混交林标准树高 - 胸径模型	刘 鑫, 王海燕, 雷相东, 等(368)
囊盘菌 (<i>Ascocoryne</i>) 挥发性气体成分多样性及其产烃分析	高 茜, 严东辉, 王凯英, 等(376)
鼎湖山大气降水氢氧同位素特征及水汽来源	高德强, 徐 庆, 张蓓蓓, 等(384)
北京市 9 种常见绿化树种吸收积累 SO ₂ 能力研究	王荣新, 辛学兵, 裴顺祥, 等(392)
九连山金斑喙凤蝶野外生物学特性观测	林宝珠, 朱祥福, 曾菊平, 等(399)
木麻黄青枯病菌的分离及强致病菌株的筛选	许秀玉, 徐 斌, 甘先华, 等(409)
马尾松二代无性系生长和针叶 N/P 化学计量特征	庞 丽, 周志春, 张 一, 等(417)
广西融水特色红心杉木优树材质性状变异规律研究	李魁鹏, 韦正成, 黄开勇, 等(424)
宝天曼三桠乌药对降雨减少后的生理生态响应	陈志成, 陆海波, 刘晓静, 等(430)
湖南会同县杉木人工林管理碳汇的核算研究	李 娟, 白彦锋, 彭 阳, 等(436)
基于 MaxEnt 生态软件划分澳洲坚果的潜在地理适生区	王 伟, 田荣荣, 那立妍, 等(444)
云冷杉过伐林垂直结构特征分析	陈科屹, 张会儒, 雷相东, 等(450)
不同温度处理对石斛兰花芽分化和发育的影响	郑宝强, 邓茜玫, 李 奎, 等(460)
干旱处理对毛竹光响应的影响: 基于 4 种模型比较分析	倪 霞, 曹永慧, 周本智, 等(465)
不同砧木品种对核桃树体生长及光合特性的影响	李 莉, 周贝贝, 徐慧敏, 等(472)
典型中亚热带天然阔叶林各林层树高胸径关系研究	庄崇洋, 黄清麟, 马志波, 等(479)
滩地杨树人工林皆伐后蒸发散与产流变化	高升华, 汤玉喜, 唐 洁, 等(486)
退化草牧场防护林土壤腐殖质碳组分特征及酶活性	陈立新, 李 刚, 李少博, 等(494)
4 个枫香家系在不同环境下的叶色变化	王冬雪, 德永军, 施 翔, 等(503)
研究简报	
间伐强度对木荷 - 萌芽杉木中龄混交林生长和林分结构的影响	姚甲宝, 曾平生, 袁小平, 等(511)
滇西地区西南桦无性系早期测定与生长节律研究	黄佳聪, 郭俊杰, 曾 杰(519)
抗褐化剂对天女木兰芽外植体褐化与酚酸氧化的影响	高红兵, 杜凤国, 王 欢(526)

Contents

- Establishment of *Larix kaempferi* MSAP System Based on Capillary Electrophoresis
 DIAO Shu, SUN Chao, SUN Xiao-mei, *et al.* (361)
- Generalized Height-diameter Model for Natural Mixed Spruce-fir Coniferous and Broadleaf Forests based on BP Neural Network LIU Xin, WANG Hai-yan, LEI Xiang-dong, *et al.* (368)
- Metabolites Diversity and Hydrocarbons Analysis on Volatile Organic Compounds Produced by *Ascocoryne* Strains
 GAO Qian, YAN Dong-hui, WANG Kai-ying, *et al.* (376)
- Characteristics of δD and $\delta^{18}O$ in Precipitation in Mt. Dinghu and Its Water Vapor Sources
 GAO De-qiang, XU Qing, ZHANG Bei-bei, *et al.* (384)
- Sulfur Dioxide Absorption and Accumulation Capacity of 9 Common Urban Greening Tree Species in Beijing
 WANG Rong-xin, XIN Xue-bing, PEI Shun-xiang, *et al.* (392)
- Research on Biological Characteristics of *Teinoplus aureus* in Jiulianshan
 LIN Bao-zhu, ZHU Xiang-fu, ZENG Ju-ping, *et al.* (399)
- Isolation of Pathogen of *Casuarina* Bacterial Wilt and Screening of High Pathogenic Strains
 XU Xiu-yu, XU Bin, GANG Xian-hua, *et al.* (409)
- Plant Growth and Needles N and P Stoichiometric Characteristics of Second-generation *Pinus massoniana* Clones
 PANG Li, ZHOU Zhi-chun, ZHANG Yi, *et al.* (417)
- Research on Variation Pattern of Wood Properties of Red-heart Chinese Fir Plus Trees, a Featured Provenance from Rongshui of Guangxi ... LI Kui-peng, WEI Zheng-cheng, HUANG Kai-yong, *et al.* (424)
- Ecophysiological Responses of *Lindera obtusiloba* to Rainfall Reduction in Baotianman Nature Reserve
 CHEN Zhi-cheng, LU Hai-bo, LIU Xiao-jing, *et al.* (430)
- Carbon Accounting of Chinese Fir Plantation in Huitong, Hu'nan Province
 LI Juan, BAI Yan-feng, PENG Yang, *et al.* (436)
- Predicting Potential Geographic Suitable Regions of *Macadamia integrifolia* Based on MaxEnt
 WANG Wei, TIAN Rong-rong, NA Li-yan, *et al.* (444)
- Analysis of Vertical Structure Characteristics for Spruce-Fir Over-cutting Forest
 CHEN Ke-yi, ZHANG Hui-ru, LEI Xiang-dong, *et al.* (450)
- Effects of Temperature Treatment on Flower Bud Differentiation and Development of *Dendrobium*
 ZHENG Bao-qiang, DENG Xi-mei, LI Kui, *et al.* (460)
- Light Response of *Phyllostachys edulis* under Drought Stress; Based on 4 Models
 NI Xia, CAO Yong-hui, ZHOU Ben-zhi, *et al.* (465)
- Effects of Different Rootstock Varieties on Growth and Photosynthetic Characteristics of Walnut
 LI Li, ZHOU Bei-bei, XU Hui-min, *et al.* (472)
- Study on Height-diameter Relationship in Each Stratum of Typical Natural Broadleaved Forests in Mid-subtropics
 ZHUANG Chong-yang, HUANG Qing-lin, MA Zhi-bo, *et al.* (479)
- Variations of Evapotranspiration and Water Yield in a Post-clearcutting Riparian Poplar Plantation
 GAO Sheng-hua, TANG Yu-xi, TANG Jie, *et al.* (486)
- Characteristics of Carbon Components in Soil Humus and Enzyme Activities in Degraded Pastureland Shelterbelts
 CHEN Li-xin, LI Gang, LI Shao-bo, *et al.* (494)
- Change of Leaf Color of Four *Liquidambar formosana* Families under Different Environmental Conditions
 WANG Dong-xue, DE Yong-jun, SHI Xiang, *et al.* (503)

Scientific Notes

- Impacts of Thinning Intensities on Growth and Stand Structure of *Schima superba*-Sprouting *Cunninghamia lanceolata* Mixed Plantation YAO Jia-bao, ZENG Ping-sheng, YUAN Xiao-ping, *et al.* (511)
- Early Selection of *Betula alnoides* Clones and Their Growth Rhythm in Western Yunnan, China
 HUANG Jia-cong, GUO Jun-jie, ZENG Jie (519)
- Effects of Browning Inhibitors on Bud Explants Browning and Phenolic Acids Oxidation of *Magnolia sieboldii* K. Koch GAO Hong-bing, DU Feng-guo, WANG Huan (526)