

目 次 CONTENTS

综合述评 Reviews

- 植物 $2n$ 配子发生机理研究进展····· 张平冬(1)
Research progress on the mechanism of $2n$ gamete occurrence in plants ····· Zhang Pingdong

林学 Forest Sciences

- 胡杨 *PeCSP1* 过表达负调控拟南芥耐盐性·····
····· 刘晓婧 温馨 赵瑞 陈少良 赵楠 李金克 周晓阳 尧俊(9)

- Overexpression of *Populus euphratica* *PeCSP1* negatively regulating salt tolerance in *Arabidopsis thaliana* ·····
····· Liu Xiaojing Wen Xin Zhao Rui Chen Shaoliang Zhao Nan Li Jinke Zhou Xiaoyang Yao Jun

- 基于 4 株相邻木关系的林分空间结构多样性测度方法研究·····
····· 惠刚盈 赵中华 胡艳波 张岗岗 张弓乔 程世平 卢彦磊(18)

- Research on the measurement method of forest spatial structure diversity based on 4 neighborhood tree relationship
····· Hui Gangying Zhao Zhonghua Hu Yanbo Zhang Ganggang Zhang Gongqiao
Cheng Shiping Lu Yanlei

- 马尾松次生林林窗初期灌木层优势物种生态位研究····· 陈仕友 姜春前 白彦锋 王辉 何云核(27)
Niche of dominant species in shrub layer of *Pinus massoniana* secondary forest at the initial stage of forest gap ·····

- Chen Shiyu Jiang Chunqian Bai Yanfeng Wang Hui He Yunhe
寒温带 4 种乔木树种不同径级根系分解及碳氮释放动态····· 刘思琪 满秀玲 张 颀 徐志鹏(36)

- Dynamics of root decomposition and carbon and nitrogen release of four tree species with different diameter classes
in the cold temperate zone ····· Liu Siqi Man Xiuling Zhang Di Xu Zhipeng

- 基于改进 CASA 模型的晋北地区植被 NPP 时空动态及气候影响研究·····
····· 李 婧 韩海荣 康峰峰 胡保安 景泓元(47)

- Spatiotemporal dynamics and climate impact of vegetation NPP in the northern Shanxi Province region based on the
improved CASA model ····· Li Jing Han Hairong Kang Fengfeng Hu Baoan Jing Hongyuan

- 毛乌素沙地植被物候变化及其对气候的响应····· 王 鑫 刘新月 母艳梅 刘 鹏 贾 昕(61)
Changes in vegetation phenology and its responses to climatic factors in the Mu Us Desert ·····

- Wang Xin Liu Xinyue Mu Yanmei Liu Peng Jia Xin

不同种植点配置的梭梭林防风效应的风洞试验·····	牛丹妮 马 瑞 刘虎俊 张瑜忠(76)
Wind tunnel test on the windproof effect of <i>Haloxylon ammodendron</i> forests with different planting site configurations ·····	Niu Danni Ma Rui Liu Hujun Zhang Yuzhong
藏东南地区水土流失及其生态风险评估·····	周宇欣 姜群鸥 刘兰华 何财松 周 扬 格桑卓玛(88)
Soil and water loss and ecological risk assessment in southeastern Tibet of southwestern China ·····	····· Zhou Yuxin Jiang Qunou Liu Lanhua He Caisong Zhou Yang Kassandra Mar
基于探地雷达识别林地粗根和石砾·····	邱啟璜 牛健植 王 迪 吴昊阳 杨 涛 杨书鉴(99)
Identification of coarse roots and rock fragments in woodland based on ground penetrating radar ·····	····· Qiu Qihuang Niu Jianzhi Wang Di Wu Haoyang Yang Tao Yang Shujian

园艺学 Horticulture Sciences

兰州市 42 种园林木本植物叶片碳氮磷化学计量特征·····	韩 蓉 田 青 孙一梅 李娟霞 朱 珠(110)
Stoichiometric characteristics of carbon, nitrogen and phosphorus in the leaves of 42 woody landscape plants in Lanzhou City of northwestern China ·····	Han Rong Tian Qing Sun Yimei Li Juanxia Zhu Zhu
芍药种子休眠解除过程的酵母杂交 cDNA 文库构建·····	····· 费日雯 樊富伟 孙天祎 辛如洁 宋文慧 关士鑫 孙晓梅(120)
Construction of a yeast hybrid cDNA library during seed dormancy release of <i>Paeonia lactiflora</i> ·····	····· Fei Riwen Fan Fuwei Sun Tianyi Xin Rujie Song Wenhui Guan Shixin Sun Xiaomei

林业工程 Forestry Engineering

基于纤维素骨架的毛竹热处理材力学性能研究·····	王雪苑 黄宇翔 马尔妮(130)
Research on mechanical properties of <i>Phyllostachys edulis</i> heat treatment materials based on cellulose skeleton ·····	····· Wang Xueyuan Huang Yuxiang Ma Erni
基于红外热成像的古建筑望板腐朽状况无损检测研究·····	柳苏洋 辛振波 张厚江 王 辉 张 典(139)
Nondestructive testing of the decay condition of ancient building roof boarding based on infrared thermal imaging ·····	····· Liu Suyang Xin Zhenbo Zhang Houjiang Wang Hui Zhang Dian
《北京林业大学学报》第七届编委会名单 ·····	(封二)
《北京林业大学学报》征稿简则 ·····	(封三)