

CN 51-1217/S  
ISSN1003-5508  
CODEN SLKIAB

# 四川林业科技

Journal of Sichuan Forestry Science and Technology



主办单位



四川省林学会



四川省林业科学研究院

第43卷  
2022

6

2022年12月

# 四川林业科技

## SICHUAN LINYE KEJI

2022年12月 第43卷 第6期

### 目次

#### · 研究报告 ·

- 高山松自然地理分布、生长与生态适应性研究进展 ..... 杜燕,包维楷 (1)
- 川中丘陵区人工柏木林不同结构调整模式对比研究 ..... 陈俊华,杨梅,刘一丁,等 (11)
- KOH溶液对麻竹竹笋浸蚀效力的测定与分析 ..... 张丽,赵博,龙治坚,等 (18)
- 利用红外相机对四川冶勒自然保护区兽类和鸟类资源的初步监测 ..... 杨旭,陈鑫,王大勇,等 (24)
- 基于高分四号的四川地区森林火点提取 ..... 张港,刘健,王萍,等 (34)
- 基于红外相机技术对四川荷花海国家森林公园大中型兽类多样性初步监测 ..... 李静,王腊梅,王浩森,等 (41)
- 桢楠和闽楠木材构造特征对比分析研究 ..... 朱培琦,何鑫,贾慧文,等 (48)

#### · 生态建设 ·

- 川西北高寒沙地不同恢复年限对土壤水分变化的影响 ..... 吴世磊,刘怀谷,陈德朝,等 (57)
- 四川省雅安市清漪湖省级湿地公园鸟类多样性 ..... 房超,杨倩倩,蔡均,等 (63)
- 三种豆科树种光合特性比较 ..... 武术杰,徐文建,曲麒,等 (74)
- 四川栗子坪国家级自然保护区杜鹃花属植物多样性与分布特点 ..... 郑阳,田春洋,李建威,等 (80)
- 川西北高寒区流动沙地植被恢复过程中物种组成及空间格局变化 ..... 贺丽,陈德朝,吴科君,等 (87)

#### · 林业产业 ·

- 多齿红山茶扦插繁育试验初报 ..... 殷国兰,张丽,陈宇,等 (94)
- 川南地区乌桕容器育苗技术研究 ..... 杨滨豪,邢师师,何芝然,等 (97)
- 5个种源榉木种子性状的比较研究 ..... 姜欣华,热沙,夏苗,等 (103)

#### · 综述与专论 ·

- 基于 web of science 的乔木与微气候相互关系知识图谱分析 ..... 舒柳,李岩林,黄柳菁 (109)
- 城市公园植物群落对鸟类多样性影响的研究进展 ..... 叶佳伟,闫淑君,廖剑威,等 (116)
- 中国锹甲科四新记录种记述 (鞘翅目: 锹甲科: 锹甲亚科) ..... 詹志鸿,朱创,李泽川 (122)
- 四川省檀香科植物新记录种冷杉寄生 ..... 潘红丽,何莉娜,毛颖娟,等 (129)
- 四川省兰科植物一新记录种—中华盆距兰 ..... 程跃红,陈应康,马军,等 (131)

# Journal of Sichuan Forestry Science and Technology

Vol. 43, No. 6, Dec. 2022

## Contents

Research progress on nature geographic distribution, growth law and ecological adaptability of <i>Pinus densata</i>	DU Yan, BAO Weikai ( 1 )
Comparative study on different structural adjustment models of artificial cypress plantation in hilly areas of central Sichuan	CHEN Junhua, YANG Mei, LIU Yiding, et al. ( 11 )
Determination and analysis of the etching effect of potassium hydroxide solution on <i>Dendrocalamus latiflorus</i> bamboo stumps	ZHANG Li, ZHAO Bo, LONG Zhijian, et al. ( 18 )
Preliminary investigation on mammal and bird resources in Sichuan Yele Nature Reserve by infrared camera	YANG Xu, CHEN Xin, WANG Dayong, et al. ( 24 )
Forest fire point extraction in Sichuan Province based on GF-4	ZHANG Gang, LIU Jian, WANG Ping, et al. ( 34 )
Preliminary monitoring of large and medium-sized mammal diversity in Sichuan Hehuahai National Forest Park by infrared camera survey technology	LI Jing, WANG Lamei, WANG Haosen, et al. ( 41 )
Comparative analysis of wood anatomical structure characteristics between <i>Phoebe zhennan</i> and <i>Phoebe bournei</i>	ZHU Peiqi, HE Xin, JIA Huiwen, et al. ( 48 )
Effects of different restoration years on soil moisture in alpine sandy land of northwest Sichuan	WU Shilei, LIU Huaigu, CHEN Dechao, et al. ( 57 )
Bird diversity in Qingyi Lake Provincial Wetland Park in Ya'an city, Sichuan Province	FANG Chao, YANG Qianqian, CAI Jun, et al. ( 63 )
Comparative study on photosynthetic characteristics of three leguminous tree species	WU Shujie, XU Wenjian, QU Qi, et al. ( 74 )
Species diversity and distribution characteristics of <i>Rhododendron</i> resources in Liziping National Nature Reserve, Sichuan Province	ZHENG Yang, TIAN Chunyang, LI Jianwei, et al. ( 80 )
Dynamics of species composition and spatial distribution pattern during vegetation restoration processes on mobile sandy land in alpine region of northwest Sichuan	HE Li, CHEN Dechao, WU Kejun, et al. ( 87 )
Preliminary report on cutting breeding technique of <i>Camellia polyodonta</i> How. Ex Hu.	YIN Guolan, ZHANG Li, CHEN Yu, et al. ( 94 )
Study on container seedling raising technique of <i>Sapium sebiferum</i> in southern Sichuan	YANG Binhao, XING Shishi, HE Zhiran, et al. ( 97 )
Comparative study on seed traits of <i>Aralia chinensis</i> from 5 provenances	JIANG Xinhua, Resha, XIA Miao, et al. ( 103 )
Knowledge maps analysis of the relationship between tree and microclimate based on web of science	SHU Liu, LI Yanlin, HUANG Liuqing ( 109 )
Research progress on the impact of urban park plant community on bird diversity	YE Jiawei, YAN Shujun, LIAO Jianwei, et al. ( 116 )
Four newly recorded species of stag beetles from southwest China ( Coleoptera: Lucanidae: Lucaninae )	ZHAN Zhihong, ZHU Chuang, LI Zechuan ( 122 )
<i>Arceuthobium tibetense</i> , a new record species of Santalaceae in Sichuan Province, China	PAN Hongli, HE Lina, MAO Yingjuan, et al. ( 129 )
<i>Gastrochilus sinensis</i> , a new record of Orchidaceae species in Sichuan Province, China	CHENG Yuehong, CHEN Yinkang, MA Jun, et al. ( 131 )