

# 四川林业科技

SICHUAN LINYE KEJI

2022年4月 第43卷 第2期

## 目次

### · 研究报告 ·

- 大熊猫栖息地冷杉属植物群落与大熊猫分布的关系 ..... 刘兴良,杨文静,刘杉,等(1)
- 花椒和竹叶花椒生态适宜性分析 ..... 叶萌,杨俐,向丽,等(21)
- 带状皆伐对岷山山系大熊猫廊道灌丛土壤养分的快速效应 ..... 李玲,王玉杰,苟小林,等(31)
- 同域分布水鹿和毛冠鹿活动节律的比较研究——基于红外相机数据 ..... 贾国清,杨旭,李永东,等(38)
- 四川贡嘎山国家级自然保护区白马鸡与血雉的时空生态位分化 ..... 李永东,杨旭,贾国清,等(47)
- 苍山不同土地利用类型中姬蜂科昆虫多样性和季节动态 ..... 阳霞,李金库,谭坤,等(56)
- 宁夏荒漠草原灰钙土和风沙土生境植物功能性状对围封的响应 ..... 余轩,王兴,吴婷,等(63)
- 联合 Sentinel-1 和 Sentinel-2 数据反演森林蓄积量 ..... 张雨田,许晓东,石军南,等(71)

### · 生态建设 ·

- 基于 RS 与 GIS 的九寨沟国家级自然保护区地震前后植被覆盖度变化分析 ..... 雷雨,冯彬,谢瑶瑶,等(81)
- 四川申果庄自然保护区鸟兽多样性新记录 ..... 陈云梅,田关胜,徐凉燕,等(88)
- 白马雪山自然保护区植物物种多样性海拔分布格局 ..... 聂佩潇,张彩彩,龙晓斌,等(95)
- 嘉陵江中游水电梯级开发对小龙门江心洲的形态演变与影响机制研究 ..... 罗刚,舒秋贵(101)
- 基于 Fragstats 的南充市主城区城市绿地景观格局分析 ..... 李羽洁,刘怡,陈俊华,等(108)
- 南充市主城区城市森林结构特征分析 ..... 谢天资,陈俊华,谢川,等(118)
- 成都熊猫基地野放研究中心游憩行为意向研究 ..... 钟美玲,唐勇,王尧树(124)

### · 林业产业 ·

- 林业碳普惠发展现状及建议 ..... 代丽梅,谭欣悦,汪晖,等(132)
- 四川省花椒锈病发病规律及药剂防治研究 ..... 杨双昱,杨莉,曾全,等(138)

### · 综述与专论 ·

- 美国城市森林建设和管理策略、行动与启示 ..... 彭林林(145)
- 宝天曼蝴蝶区系研究 ..... 陈良甫,田野,江鹏,等(151)
- 四川兰科植物一新记录属——蛤兰属 ..... 程跃红,金森龙,谭迎春,等(159)
- 四川小檗科植物新记录种洮河小檗 ..... 刘芙蓉,王海峰,罗建勋,等(162)
- 四川省爵床科植物一新记录种——肖笼鸡 ..... 罗垚,刘秋蓉,李丽,等(165)

# Journal of Sichuan Forestry Science and Technology

Vol. 43, No. 2, Apr. 2022

## Contents

### Research Reports

- Relationship between *Abies* plant community and giant panda distribution in giant panda habitat  
..... LIU Xingliang, YANG WenJing, LIU Shan, et al. ( 1 )
- Ecological suitability analysis of *Zanthoxylum bungeanum* and *Zanthoxylum armatum*  
..... YE Meng, YANG Li, XIANG Li, et al. ( 21 )
- Rapid effects of strip clear-cutting on soil nutrients of giant panda corridor shrubs in the Minshan Mountains  
..... LI Ling, WANG Yujie, GOU Xiaolin, et al. ( 31 )
- Comparison study on activity rhythms of sambar (*Cervus equinus*) and tufted deer (*Elaphodus cephalophus*) in the same region based on infrared camera data  
..... JIA Guoqing, YANG Xu, LI Yongdong, et al. ( 38 )
- Spatio-temporal niche differentiation of white eared pheasant (*Crossoptilon crossoptilon*) and blood pheasant (*Ithaginis cruentus*) in Gongga Mountain National Nature Reserve, Sichuan Province  
..... LI Yongdong, YANG Xu, JIA Guoqing, et al. ( 47 )
- Diversity and seasonal dynamics of Ichneumonidae insects in different land use types in Cangshan Mountain  
..... YANG Xia, LI Jinku, TAN Kun, et al. ( 56 )
- Plant functional traits in response to fence enclosure in sierozem and aeolian sandy soil habitats of Ningxia desert grasslands  
..... YU Xuan, WANG Xing, WU Ting, et al. ( 63 )
- Inversion of forest volume by combining Sentinel-1 and Sentinel-2 data  
..... ZHANG Yutian, XU Xiaodong, SHI Junnan, et al. ( 71 )

### Ecological Development

- Analysis of vegetation coverage change in Jiuzhaigou National Nature Reserve before and after earthquake based on RS and GIS  
..... LEI Yu, FENG Bin, XIE Yaoyao, et al. ( 81 )
- New records of mammal and bird diversity in Shengguozhuang Nature Reserve, Sichuan Province  
..... CHEN Yunmei, TIAN Guansheng, XU Liangyan, et al. ( 88 )
- Altitude distribution pattern of plant species diversity in the Baima Snow Mountain Nature Reserve, Yunnan Province  
..... NIE Peixiao, ZHANG Caicai, LONG Xiaobin, et al. ( 95 )
- Research on the morphological evolution and influencing mechanism of Xiaolongmen central island by cascade hydropower exploitation in the middle reaches of Jialing River  
..... LUO Gang, SHU QiuGui ( 101 )
- Analysis on the landscape pattern of urban green space in the main urban area of Nanchong City based on Fragstats  
..... LI Yujie, LIU Yi, CHEN Junhua, et al. ( 108 )
- Analysis on the characteristics of urban forest structure in the main urban area of Nanchong City  
..... XIE Tianzi, CHEN Junhua, XIE Chuan, et al. ( 118 )
- Recreation value, place attachment and pro-environment behaviors of Chengdu field research center for giant pandas in Chengdu Panda Base  
..... ZHONG Meiling, TANG Yong, WANG Yaoshu ( 124 )

### Forestry Industry

- The development status and suggestions of carbon GSP in forestry  
..... DAI Limei, TAN Xinyue, WANG Hui, et al. ( 132 )
- Studies on the incidence and chemical control of prickly ash rust in Sichuan Province  
..... YANG Shuangyu, YANG li, ZENG Quan, et al. ( 138 )

### Review and Monograph

- Strategies, actions and enlightenment of urban forest construction and management in the United States  
..... PENG Linlin ( 145 )
- Study on the butterfly fauna of Baotianman National Nature Reserve  
..... CHEN Liangfu, TIAN Ye, JIANG Peng, et al. ( 151 )
- Conchidium* Griff, a newly recorded genus of Orchidaceae in Sichuan, China  
..... CHENG Yuehong, JIN Senlong, TAN Yingchun, et al. ( 159 )
- Berberis haoi*, a new record of Berberidaceae species in Sichuan Province, China  
..... LIU Furong, WANG Haifeng, LUO Jianxun, et al. ( 162 )
- A new record of Acanthaceae plants (*Strobilanthes affinis*) in Sichuan Province, China  
..... LUO Yao, LIU Qiorong, LI Li, et al. ( 165 )