

第四纪研究

DISIJI YANJIU

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赵艳, 1968 年 2 月生, 中国科学院地理科学与资源研究所研究员, 先后在英国、德国、美国从事博士后及合作研究。主要从事植被演变与气候变化研究。曾入选中国科学院百人计划, 获国家杰出青年科学基金资助; 获中国青年女科学家奖、中国青年科技奖、德国洪堡学者等奖励; 主持国家自然科学基金委重点项目和国家重点研发计划项目。现任国际 PAGES 科学指导委员会委员, QSR、VHA、NSR 和《中国科学》等国内外 SCI 刊物编委。在 Science Advances 等期刊发表 SCI 论文 100 多篇



主要特邀编审介绍

目次

孢粉与气候变化

- 中国现代孢粉数据库的质量评估、整合及其应用·····崔安宁, 范保硕, 徐德克, 等(605)
- 降水梯度下中国表土花粉-植被-气候关系研究·····侯佳茗, 王萌萌, 马春梅, 等(623)
- 中国亚热带表土孢粉分布规律及其与气候的关系研究·····何玲玲, 黄康有, 陈聪, 等(638)
- 青藏高原东北缘祁连山区现代孢粉空间分布与搬运过程·····赵永涛, 蓝小玉, 雷艳, 等(656)
- 川西南伍须海及周边山地现代孢粉分布与植被、气候关系研究·····柯瑞, 肖霞云, 贾宝岩, 等(671)
- 亚洲内陆干旱区空气孢粉研究现状及展望·····苗运法, 雷艳, 赵永涛, 等(688)
- 机器学习算法在青藏高原孢粉-气候定量重建中的尝试·····秦锋, 赵艳(704)
- 滇西北天才湖地区过去 400 年以来植被变化的孢粉记录·····钟海璐, 张雨桐, 王皓言, 等(715)
- 彝海沉积物孢粉记录的西南地区近千年植被与气候演化·····崔凯, 王永波, 胡柏盈(727)
- 青藏高原南部湖泊记录的晚全新世植被演化过程·····简安璟, 李昀卿, 刘斯瑶, 等(742)
- 河北沧州东北部南大港湿地晚全新世环境演变特征·····赵永杰, 由翰飞, 张振, 等(755)
- 新疆帕米尔高原金草滩湿地中晚全新世以来植被演变·····周彦宏, 周乐, 张芸, 等(770)
- 洞庭湖流域全新世孢粉记录的植被、气候变化及人类活动·····赵琳, 曾瑶瑶, 杨祜琪, 等(780)
- 晚更新世-早全新世广西独山洞遗址孢粉记录的植被景观演替·····杨庆江, 赵克良, 周新郢, 等(793)
- 末次冰盛期以来东北地区古植被定量重建及其气候响应·····张瑞, 李琴, 勇心意, 等(805)
- 东北印度洋东经 90°海岭末次冰消期孢粉源区的转换及机制·····孙玉慧, 罗传秀, 向荣, 等(823)
- 末次冰盛期以来基于孢粉定量重建的植物多样性变化研究进展·····梁琛, 李家胜, 李泉(837)
- 新疆天山温泉湿地全新世植物多样性演化及其与古气候的关系·····韩潇潇, 王宁练, 李建勇, 等(847)

简讯

《第四纪研究》2025 年 1~6 期主题建议及征稿启事·····封底

特邀编审: 赵艳, 郑卓

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封面说明: 青海省三江源地区草甸植被, 其中多刺绿绒蒿 (*Meconopsis horridula* Hook. f. & Thomson) 生长于海拔 3600~5100 m 的山坡草地、流石滩等, 属青藏高原冰缘带生态系统成分; 近年来, 多刺绿绒蒿已被中国生物多样性红色名录列为近危物种。在青藏高原独特的高寒生态系统中植被类型和物种组成十分复杂, 现代气候变化和人类活动的叠加影响日益加剧, 高寒生态系统正在面临气候变化加速、植物多样性丧失和植被转型风险加大等多重压力。将第四纪孢粉学与植物功能生态学研究结合, 不仅可以研究过去植被长期变化过程、植物多样性变化特征, 从植物性状角度解释植被响应气候环境变化的机制, 也为预测未来气候变化情境下的高寒植被变化提供了基础

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Vol. 44 No. 3, May 2024

CONTENTS

The quality assessment, integration and application of Chinese modern pollen datasets.....	
.....	CUI Anning, FAN Baoshuo, XU Deke, et al.(622)
Study on the relationship of surface pollen, vegetation and climate along a precipitation gradient in China.....	
.....	HOU Jiaming, WANG Mengmeng, MA Chunmei, et al.(637)
Surface pollen distribution and its relationship with climate in subtropical China.....	
.....	HE Lingling, HUANG Kangyou, CHEN Cong, et al.(655)
Modern pollen assemblages and dispersion process in the Qilian Mountains, northeast Tibetan Plateau.....	
.....	ZHAO Yongtao, LAN Xiaoyu, LEI Yan, et al.(670)
The modern pollen distributional characteristics and their relationship to vegetation, climate in Lake Wuxu and the surrounding mountains, southwestern Sichuan Province.....	
.....	KE Rui, XIAO Xiayun, JIA Baoyan, et al.(687)
Current research and prospect of airborne sporopollen in the inland arid areas of Asia.....	
.....	MIAO Yunfa, LEI Yan, ZHAO Yongtao, et al.(702)
Pollen-based climate reconstruction using machine learning on the Qinghai-Tibetan Plateau.....	
.....	QIN Feng, ZHAO Yan(714)
Pollen record of vegetation changes in the Tiancai Lake area of northwestern Yunnan over the past 400 years.....	
.....	ZHONG Hailu, ZHANG Yutong, WANG Haoyan, et al.(726)
Vegetation and climate changes in Southwest China during the last millennium revealed by a palynological record from Lake Yihai.....	
.....	CUI Kai, WANG Yongbo, HU Baiying(741)
Vegetation evolution recorded by lake sediment during Late Holocene on the southern Tibetan Plateau.....	
.....	JIAN Anjing, LI Yunqing, LIU Siyao, et al.(754)
Late Holocene environmental evolution characteristics of the Nandagang wetland in northeast of Cangzhou, Hebei Province.....	
.....	ZHAO Yongjie, YOU Hanfei, ZHANG Zhen, et al.(769)
Vegetation evolution of Jincatou wetland in the Pamir Plateau, Xinjiang during the Middle to Late Holocene.....	
.....	ZHOU Yanhong, ZHOU Le, ZHANG Yun, et al.(779)
Holocene palynological records of vegetation, climate change and human activities in the Dongting Lake watershed.....	
.....	ZHAO Lin, ZENG Yaoyao, Yang Yiqi, et al.(792)
Late Pleistocene–Early Holocene vegetation landscape change recorded by pollen of Dushan cave site, Guangxi, China.....	
.....	YANG Qingjiang, ZHAO Keliang, ZHOU Xinying, et al.(804)
Quantitative reconstruction of paleovegetation history in Northeast China and its response to climate change since the Last Glacial Maximum.....	
.....	ZHANG Rui, LI Qin, YONG Xinyi, et al.(822)
Conversion and mechanism of original region of pollen on the 90° E Sea Ridge of the Northeast Indian Ocean since the last deglacial period.....	
.....	SUN Yuhui, LUO Chuanxiu, XIANG Rong, et al.(836)
Research progress on pollen-based floristic diversity change and its mechanism since the Last Glacial Maximum.....	
.....	LIANG Chen, LI Jiasheng, LI Quan(846)
Holocene floristic diversity and its relationship with paleoclimate in the Wenquan wetland of the Tianshan Mountains, Xinjiang, China.....	
.....	HAN Xiaoxiao, WANG Ninglian, LI Jianyong, et al.(858)