



ISSN 1005-264X  
www.plant-ecology.com

# 植物生态学报

Chinese Journal of Plant Ecology

第47卷 第1期 2023年1月 Vol. 47 No. 1 January 2023



主办单位：中国科学院植物研究所  
中国植物学会

Sponsors: Institute of Botany, Chinese Academy of Sciences  
Botanical Society of China

# 植物生态学报

Zhiwu Shengtai Xuebao

2023年1月 第47卷 第1期

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**封面说明:** 西藏自治区班戈县高寒草原景观(王冠钦摄)。杨元合等综述了草地群落多样性、植被生产力、碳分解过程、土壤碳库及其组分、氮循环过程对外源氮输入的非线性响应特征及其驱动机制, 为准确评估大气氮沉降等外源氮输入的生态效应提供了理论基础(本期1-24页)。

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**Cover illustration:** The landscape of alpine steppe in Baingoin County, Xizang Autonomous Region, China (Photographed by WANG Guan-Qin). Yang *et al.* summarized nonlinear responses and potential mechanisms of community diversity, carbon and nitrogen cycles of grassland ecosystems to external nitrogen input, which could be expected to provide theoretical basis for evaluating ecological impacts of anthropic nitrogen input (Pages 1-24 of this issue).