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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).