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保留凋落物-保留灌木根系



保留凋落物-阻断灌木根系



移除凋落物-保留灌木根系



移除凋落物-阻断灌木根系



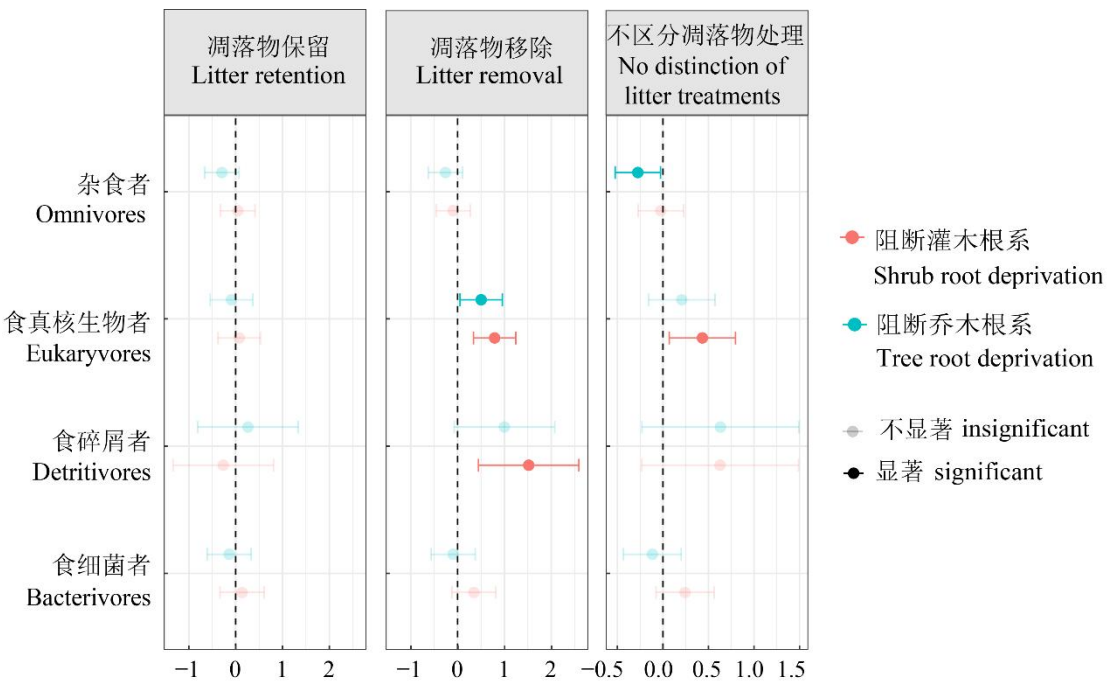
保留凋落物-阻断乔木根系



移除凋落物-阻断乔木根系

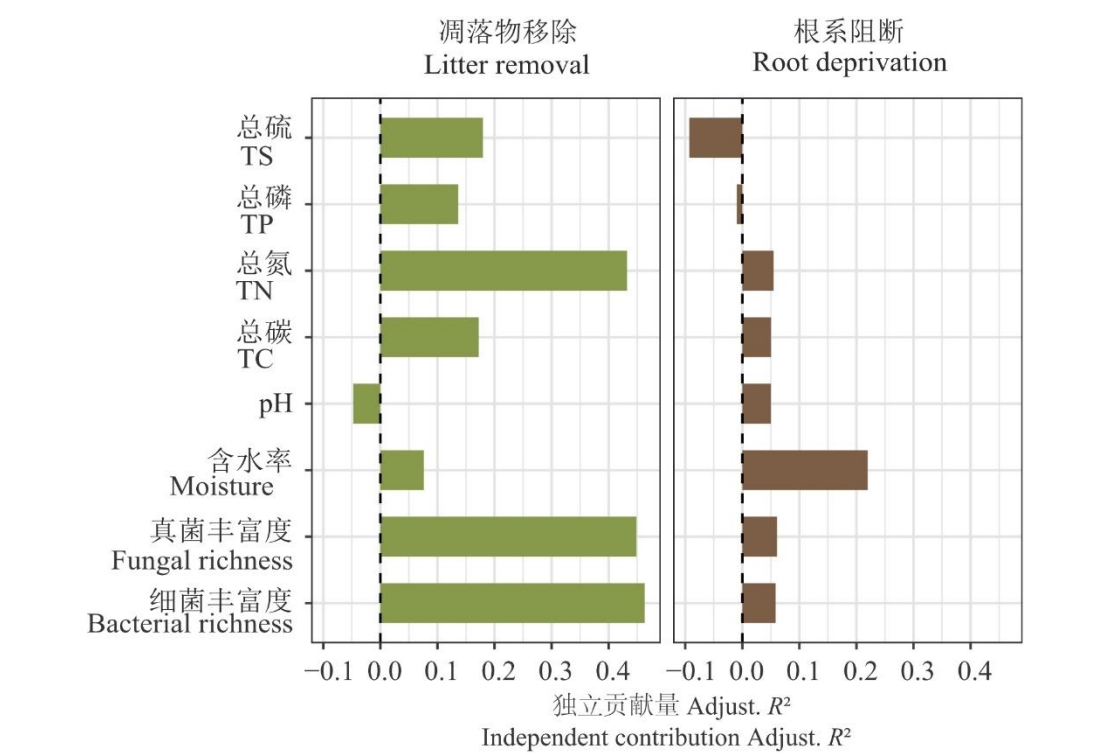
附录 1 实验样地照片

Appendix 1 Photos of experimental plots



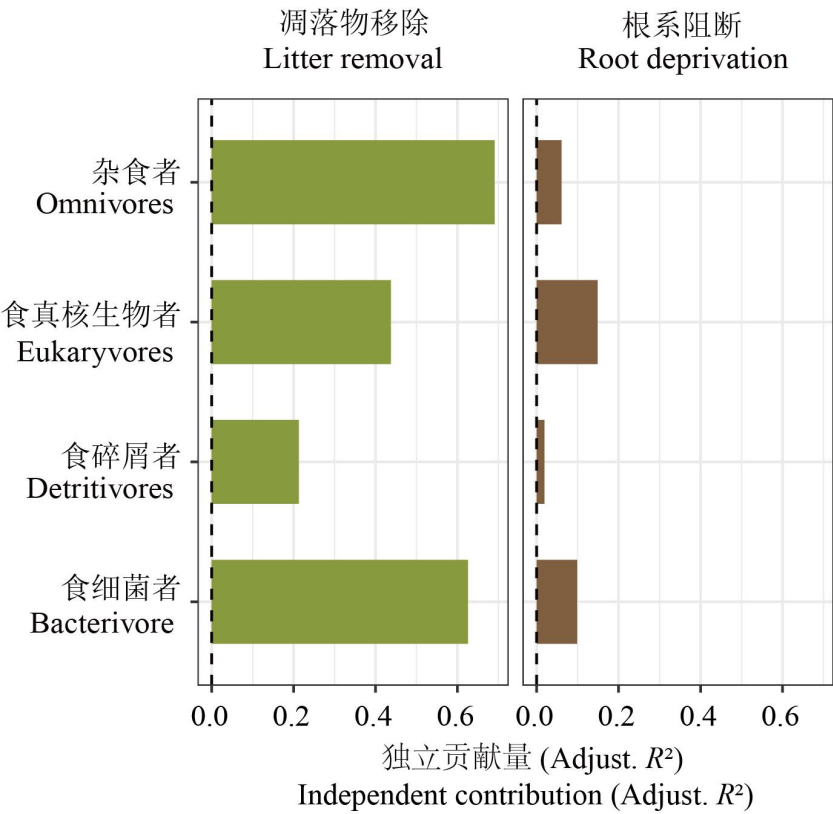
附录 2 阻断灌木根系和乔木根系相对于保留根系对杂食者、食真核生物者、食碎屑者和食细菌者丰富度的效应。实心点表示效应显著 ($P < 0.05$), 误差线表示效应值的 95% 置信区间。

Appendix 2 Effects of shrub and tree root deprivation relative to root retention on the richness of omnivores, eukaryotes, detritivores, and bacterivores. Solid points indicate statistically significant effects ($P < 0.05$), and error bars represent 95% confidence intervals.



附录 3 基于冗余分析 (RDA) 的层次方差分解分析 (rdacca.hp) 结果。调整 R^2 表示在控制其他处理并综合考虑各处理共同作用的影响下, 移除凋落物和阻断根系对土壤理化性质和微生物资源多样性的独立贡献。

Appendix 3 Results of hierarchical partitioning based on redundancy analysis (RDA) performed with the rdacca.hp package. Adjusted R^2 values indicate the independent contribution of litter removal and root deprivation to soil physicochemical properties and microbial resource diversity, estimated by averaging effects across all possible predictor combinations.



附录 4 基于冗余分析 (RDA) 的层次方差分解分析 (rdacca.hp) 结果。调整 R^2 表示在控制其他处理并综合考虑各处理共同作用的影响下, 移除凋落物和阻根系断对原生生物各功能类群丰富度的独立贡献。

Appendix 4 Results of hierarchical partitioning based on redundancy analysis (RDA) performed with the rdacca.hp package. Adjusted R^2 values indicate the independent contribution of litter removal and root deprivation to the richness of each protist functional group, estimated by averaging effects across all possible predictor combinations.