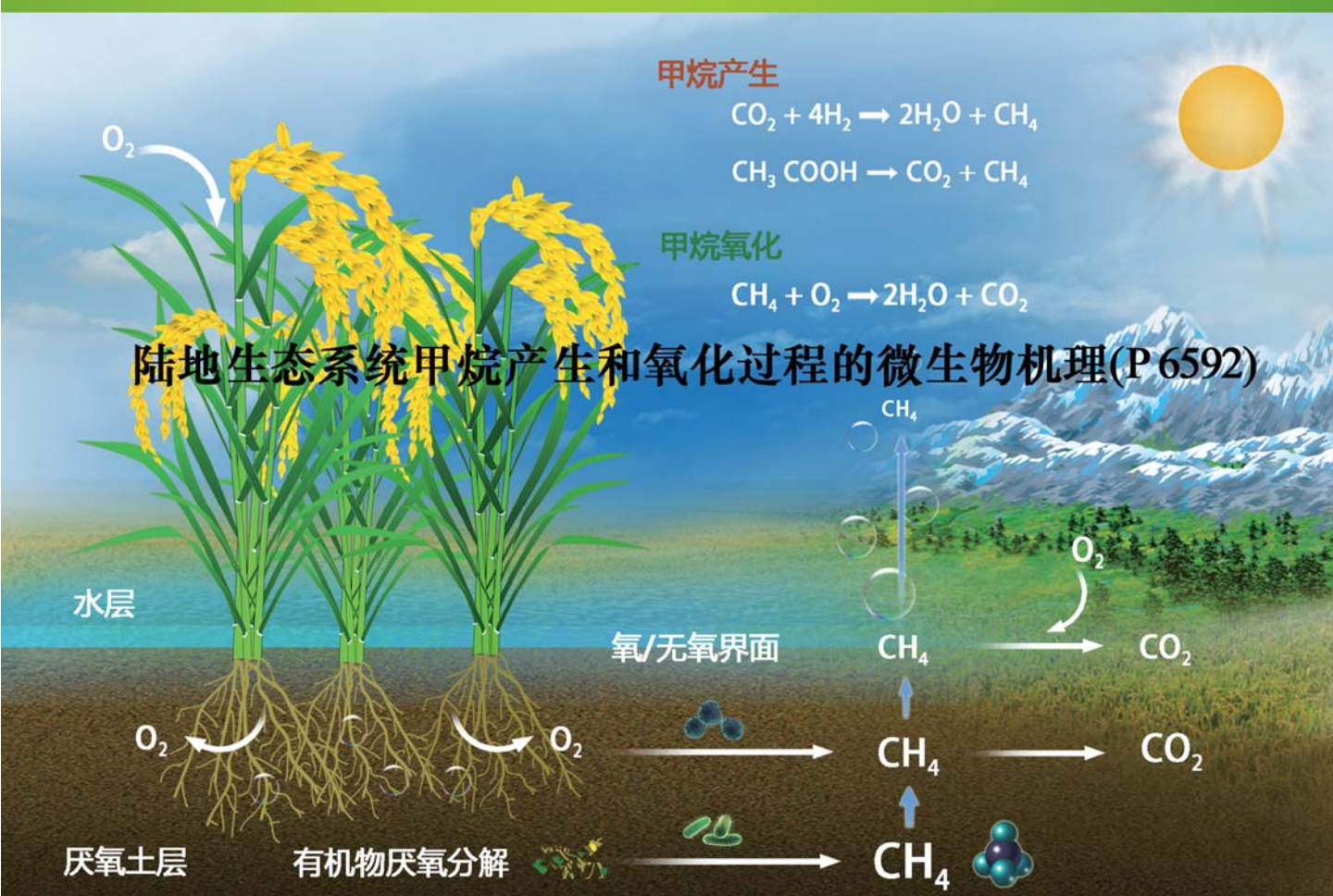


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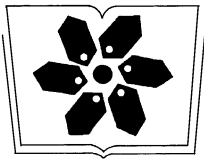
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封面图说: 在水稻土和湿地生态系统,植物光合产物以根系分泌物、凋落物和残留物形式进入土壤,发生厌氧分解产生甲烷,甲烷可穿过植物通气组织或以气泡形式排放到大气。但植物根际和土-水界面存在活跃的甲烷氧化微生物,可将相当一部分甲烷彻底氧化分解。图中甲烷(CH₄)字体和相连箭头由粗到细表示甲烷数量的递减(详见 P6592)。

彩图及图说提供: 张坚超和陆雅海 北京大学 E-mail: luyh@pku.edu.cn

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