



Light methane in cold environments: insights from the intramolecular carbon isotopic composition of acetate

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Intramolecular carbon isotopic measurements of acetate are used to estimate the pathways of methane formation in peatlands. □□

These measurements also reveal the importance of carboxyl carbon isotopic exchange with dissolved inorganic carbon in nature. □□

This work has implications for the global warming balance of peatland ecosystems, the interpretation