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Biogeochemical studies in lesser Himalayan lakes of Jammu District, India.

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abstract

Preliminary studies were done for sediment cores of Mansar and Surinsar lakes of Jammu, for their biogeochemical nature. The samples were analyzed for carbonate, organic carbon and total nitrogen. Selected samples were studied for their $\delta^{15}\text{N}$ values as well as for amino acids and amino sugars. Using these data the source of organic matter in the lake sediments is discussed