

# ***Interactive comment on “Plants or bacteria? 130 years of mixed imprints in Lake Baldegg sediments (Switzerland), as revealed by compound-specific isotope analysis (CSIA) and biomarker analysis” by M. Lavrieux et al.***

## **Anonymous Referee #1**

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The authors state in P3 L 31-32. For the forest soils, the humus layer was removed prior to sampling.

I find this counter intuitive - as this layer contain most (recent) organic matter and in term of connectivity is most likely to contribute material (thus lipid markers) to the lake. It be useful for the authors to provide an reasoning why they think this removal was valid in the context of the paper and its aims

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Interactive comment on Biogeosciences Discuss., https://doi.org/10.5194/bg-2018-288, 2018.