

MICROBIAL DYNAMICS IN AN ALPINE GLACIER FOREFIELD: ENVIRONMENTAL DRIVERS AND ECOLOGICAL IMPLICATIONS

SUPPLEMENTARY MATERIAL

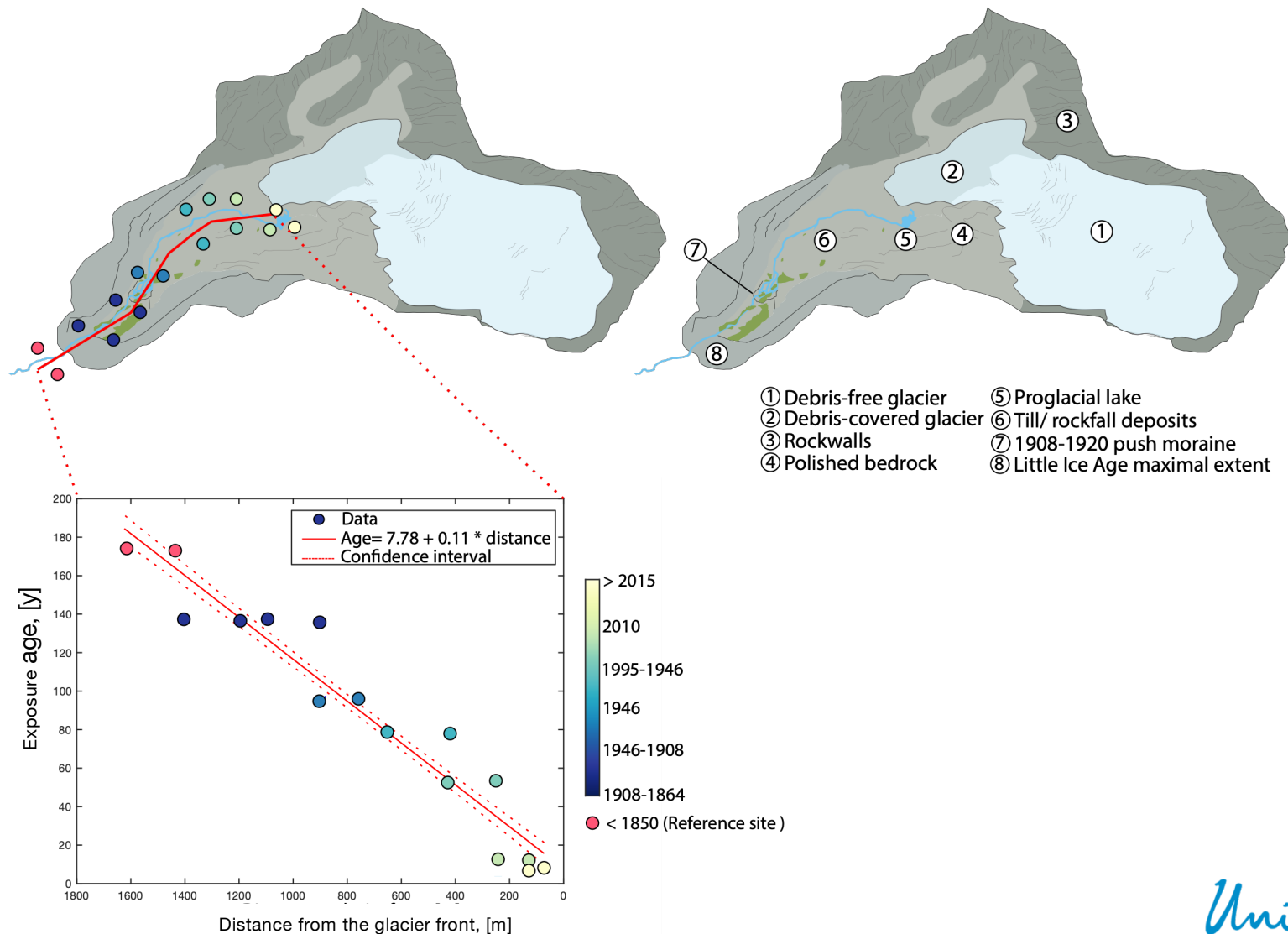
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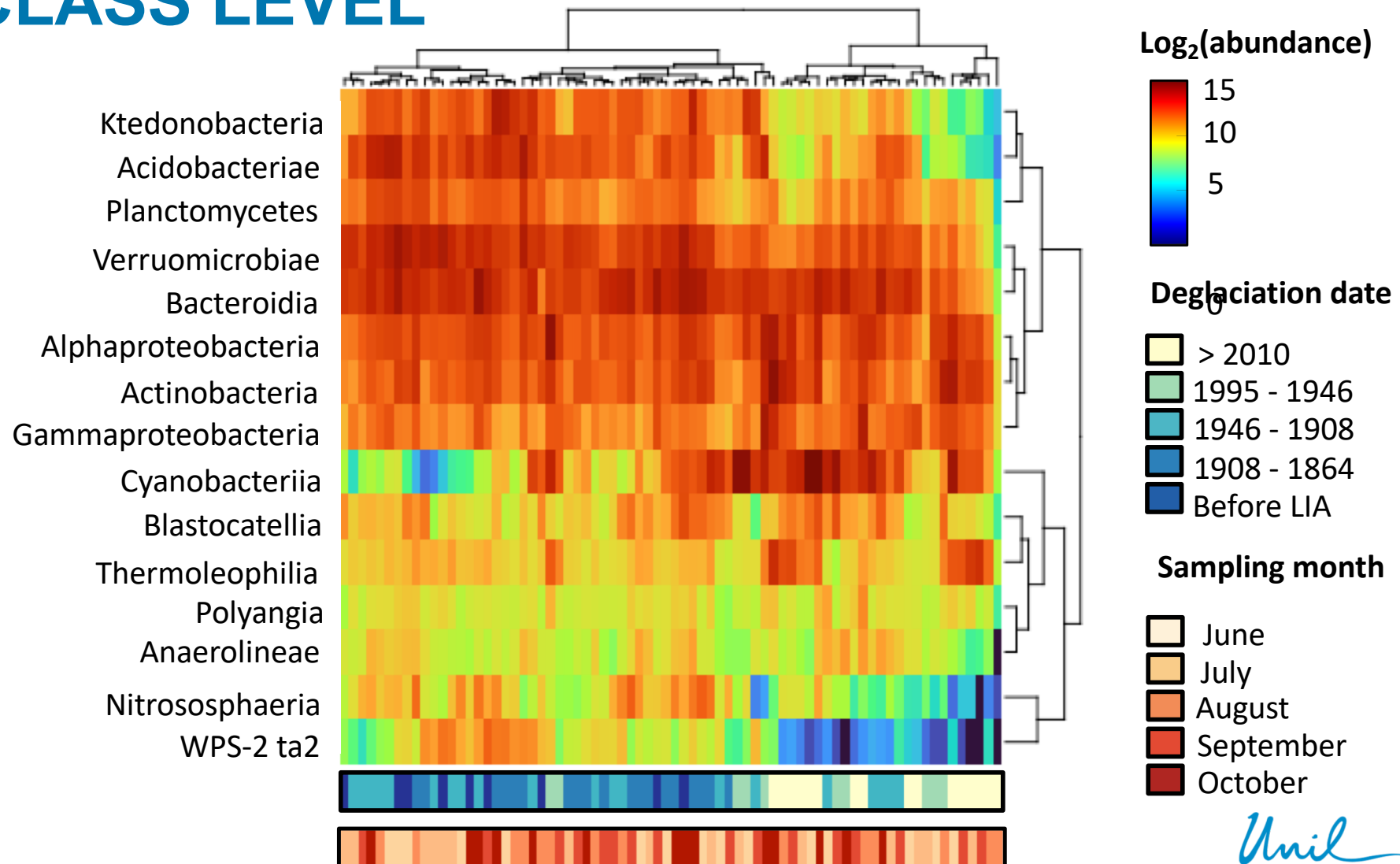
²Laboratory of Catchment Hydrology and Geomorphology, Institute of Environmental Engineering, EPFL, Switzerland (current working location)



STUDY AREA CHARACTERISATION



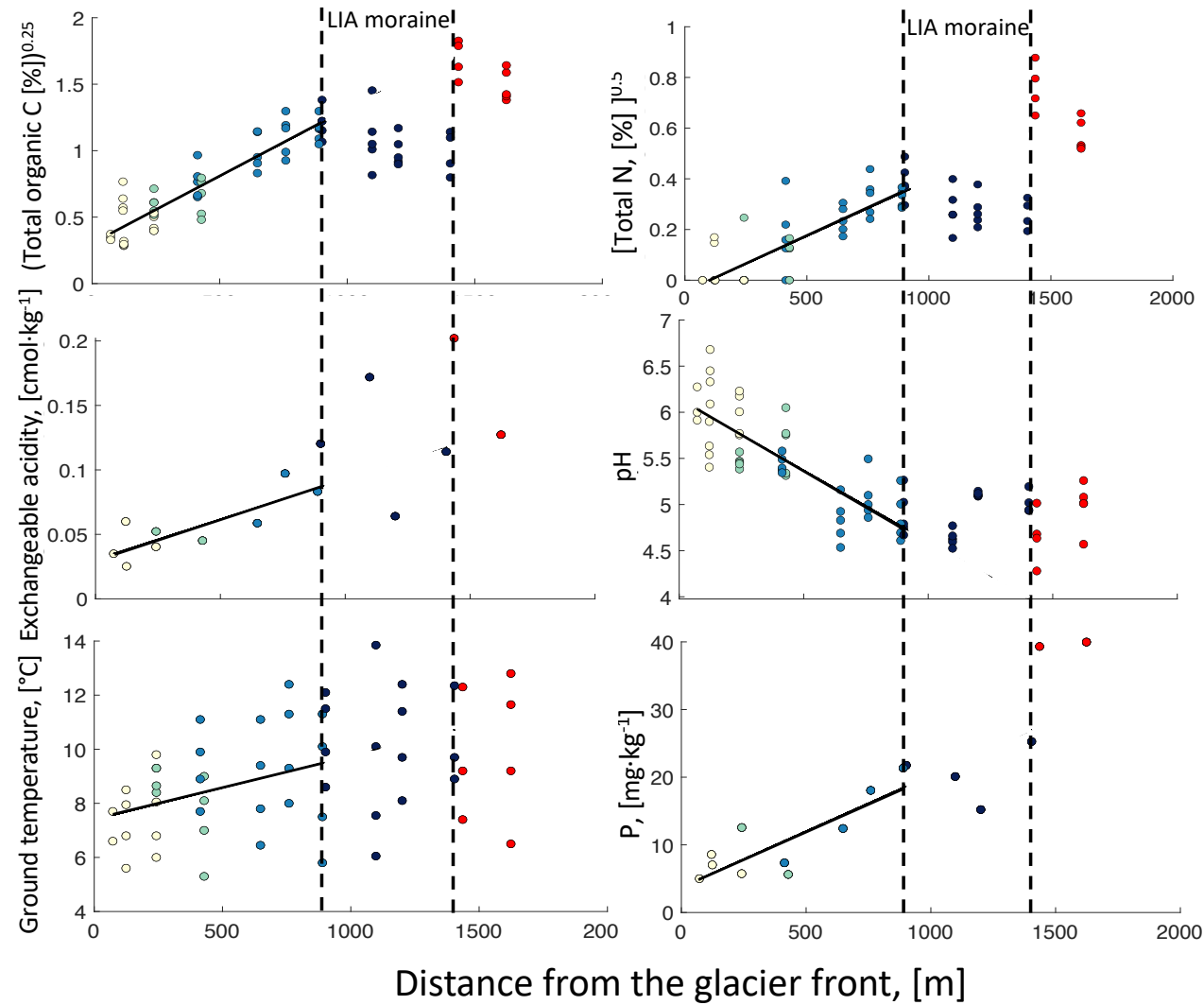
BACTERIAL COMMUNITY COMPOSITION OVER THE BRICOLA GLACIER FOREFIELD AT THE CLASS LEVEL



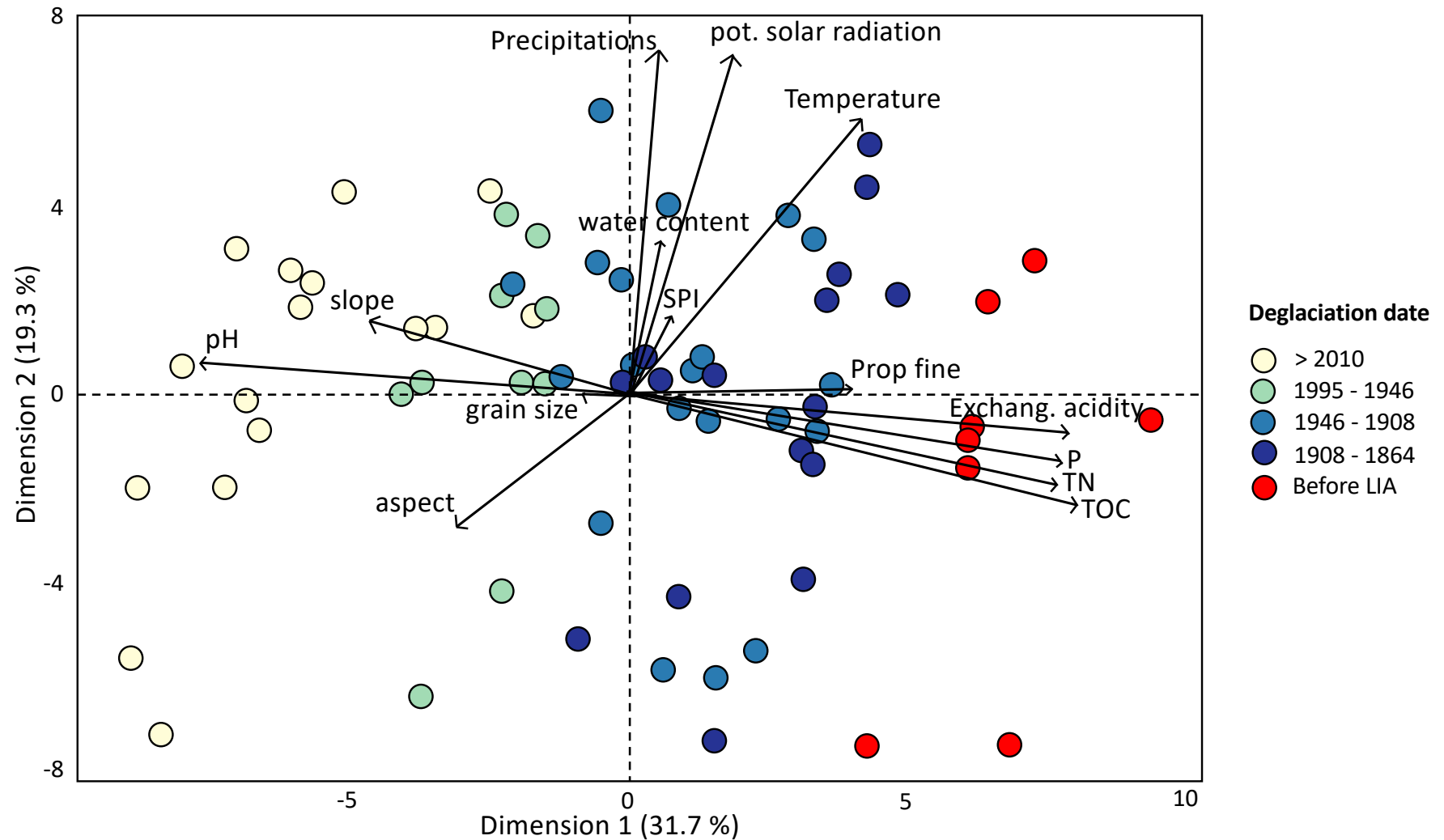
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SEDIMENT GEOCHEMISTRY CHANGES OVER TIME SINCE DEGLACIATION



PRINCIPAL COMPONENT ANALYSIS OF ABIOTIC FACTORS IN BRICOLA



USING PCA DIMENSIONS AS ENVIRONMENTAL CONSTRAINS FOR BETA-DIVERSITY

- Using the scores of the first 5 dimensions of our PCA as environmental constrains for db-RDA
- Soil chemistry, seasonality and granulometry as environmental drivers of bacterial diversity

