

Supplement

Clay fraction properties and grassland management imprint on soil organic matter composition and stability at molecular level

K. BAUMANN^{a*}, K.-U. ECKHARDT^a, I. SCHÖNING^b, M. SCHRUMPF^b, P. LEINWEBER^a

^aSoil Sciences, Faculty of Agriculture and Environmental Sciences, University of Rostock, Justus-von-Liebig-Weg 6, 18051 Rostock, Germany

^bMax Planck Institute for Biogeochemistry, Hans-Knoell-Str. 10, 07745 Jena, Germany

*Corresponding author:

Karen Baumann. E-mail: Karen.Baumann@web.de

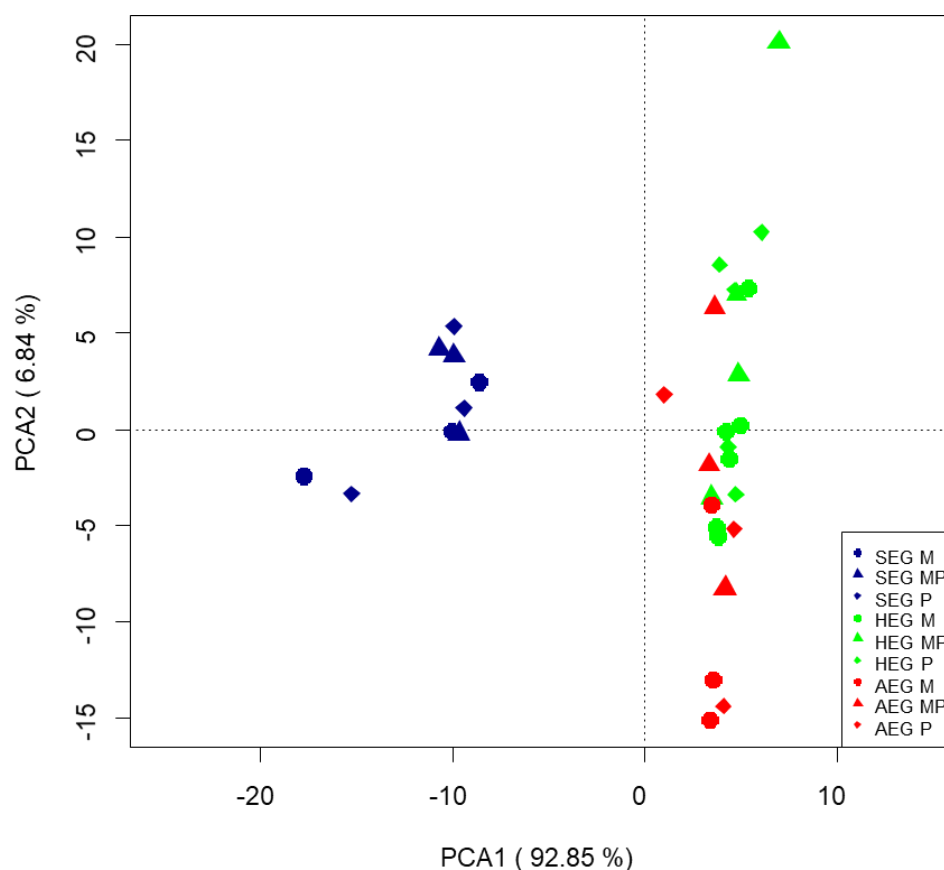


Fig. S1: Principal component analysis (PCA) of soil variables. SEG= plots of Schorfheide grassland, HEG= plots of Hainich grassland, AEG= plots of Alb grassland, M= meadow, MP= mown pasture, P= pasture