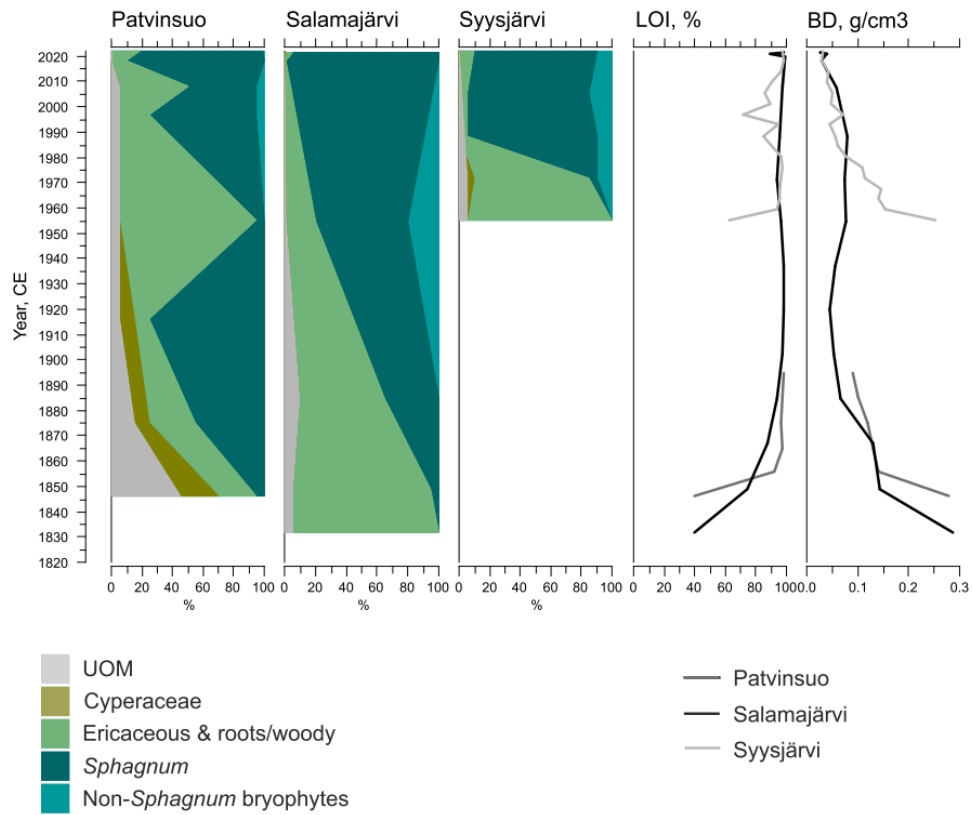
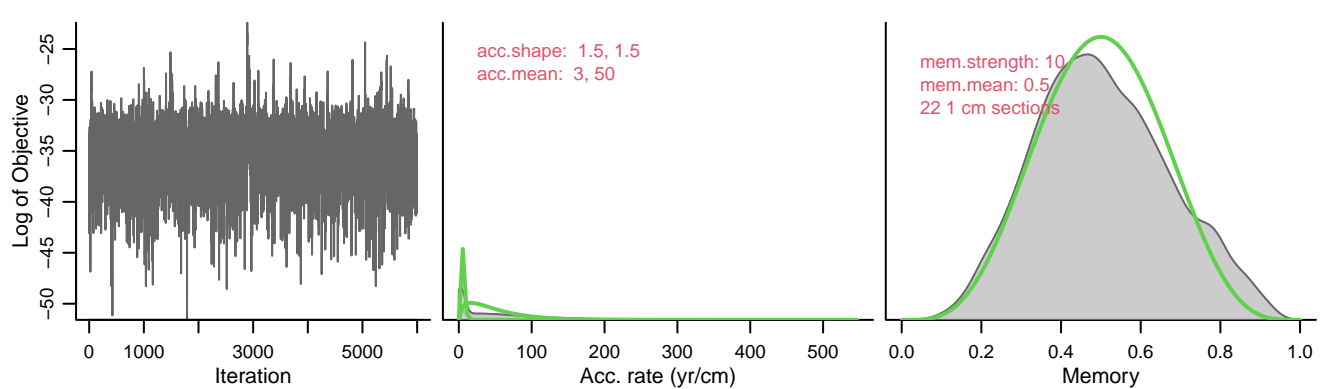


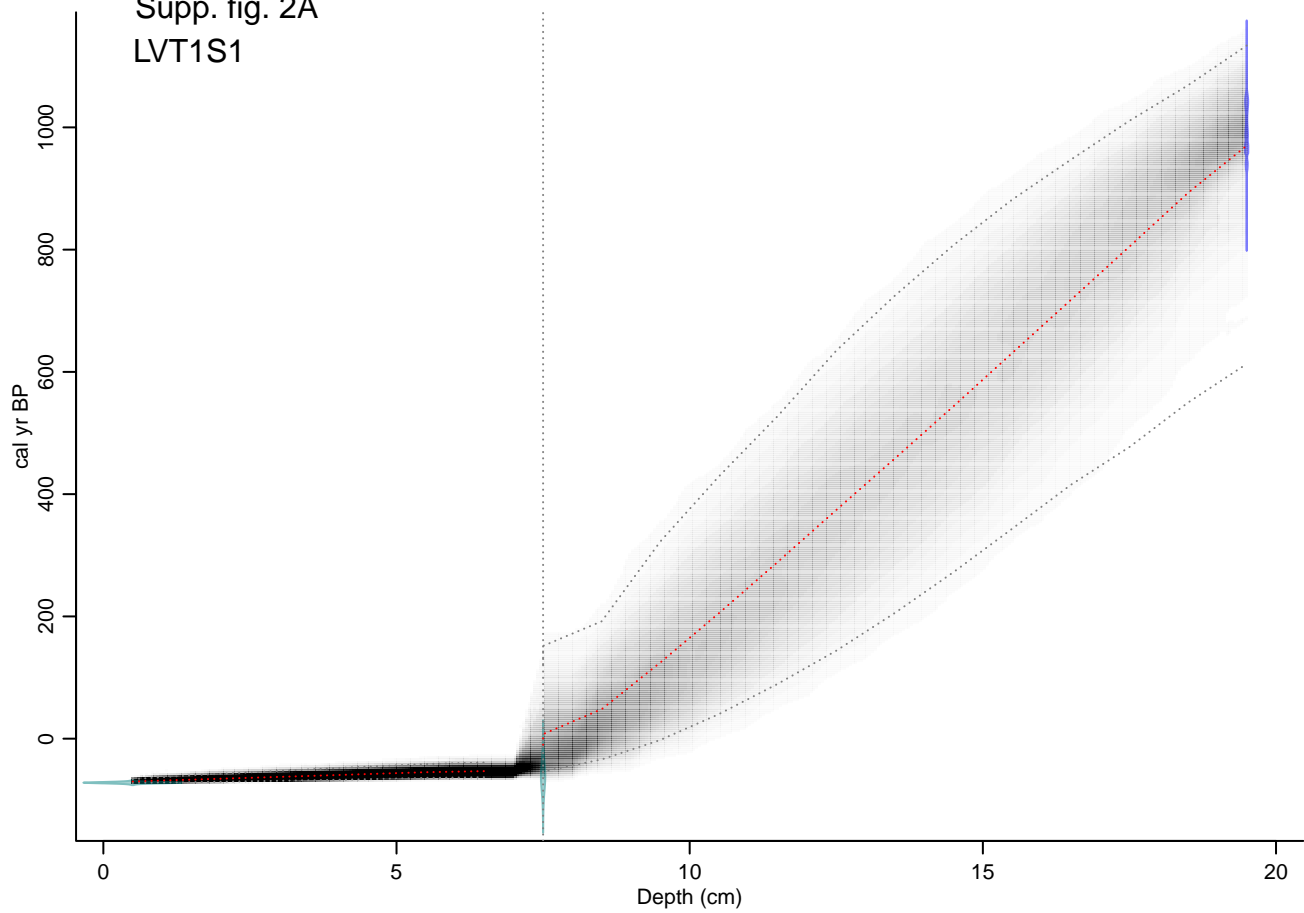
## Comparison profiles

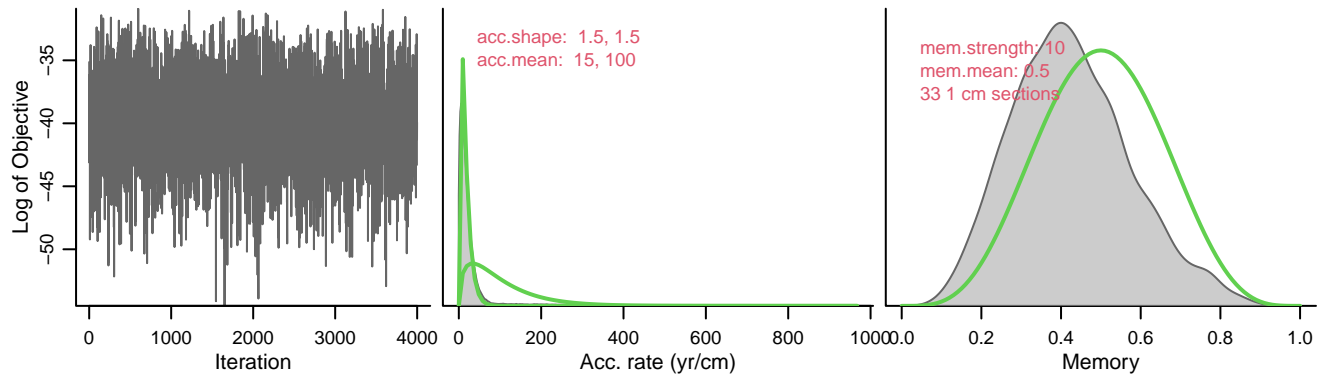


Supplementary figure 1. Fossil plant records (left) including undetected organic matter (UOM) and loss of ignition (LOI) and bulk density (BD) for supplementary profiles. Proportion of vegetation type and LOI in percentages (%), unit for bulk density is g/cm<sup>3</sup>.



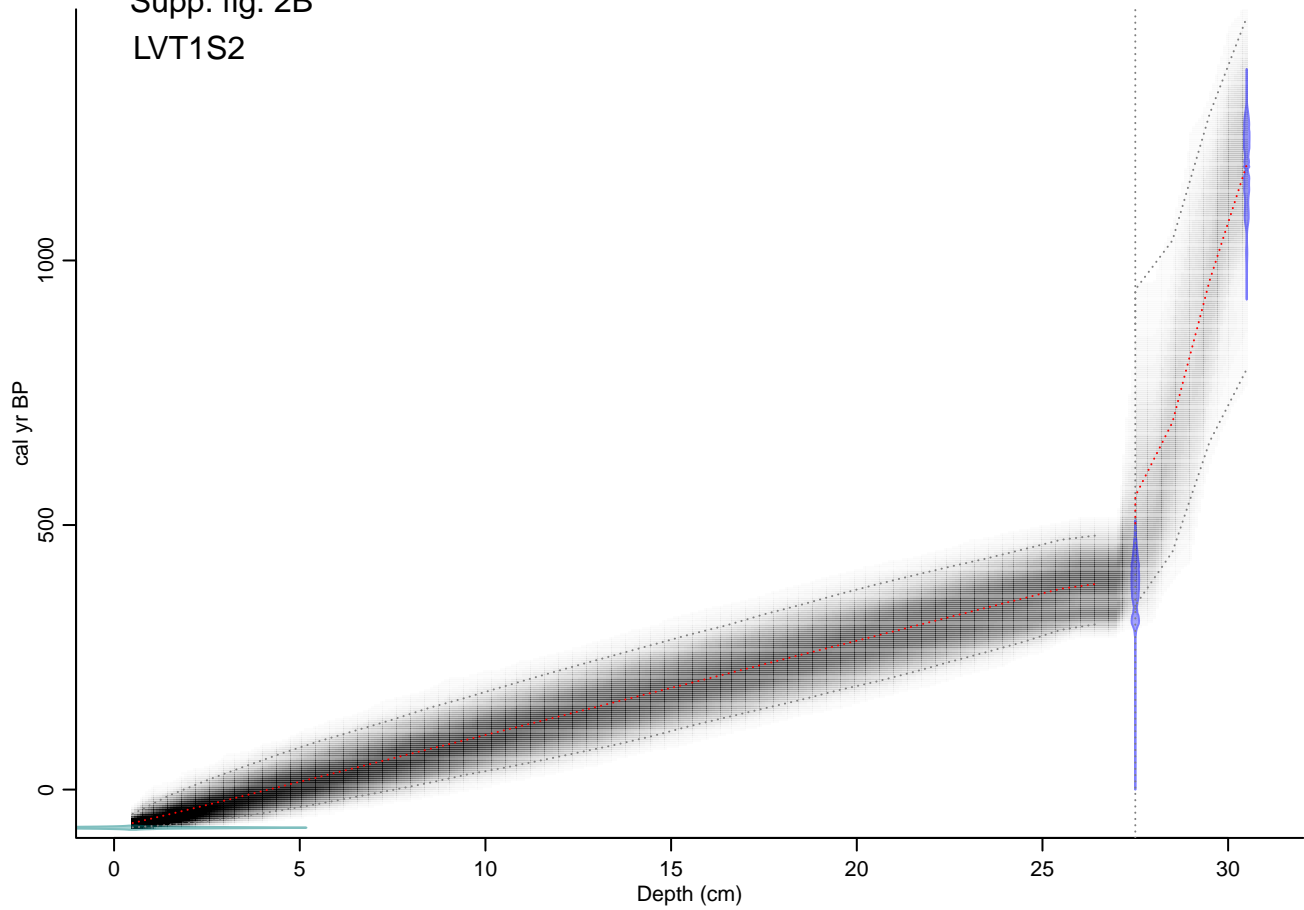
Supp. fig. 2A  
LVT1S1

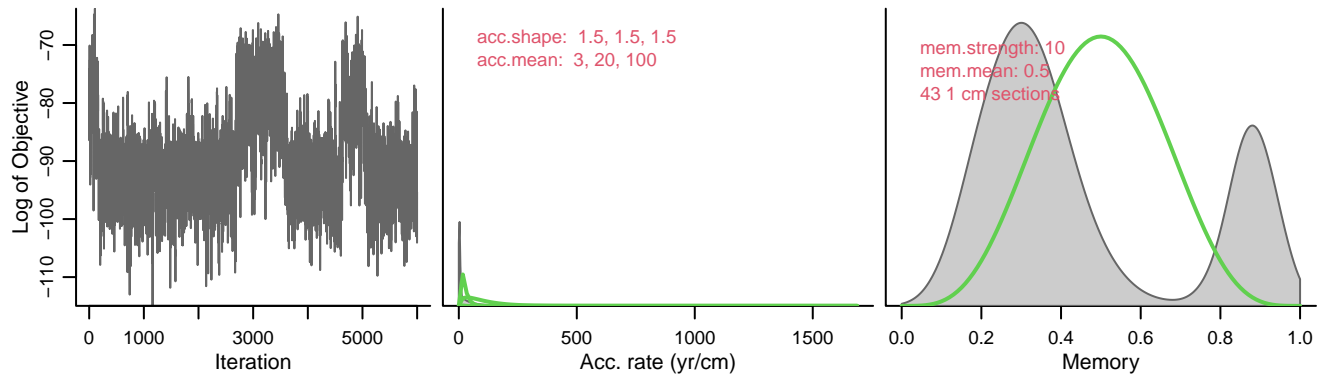




Supp. fig. 2B

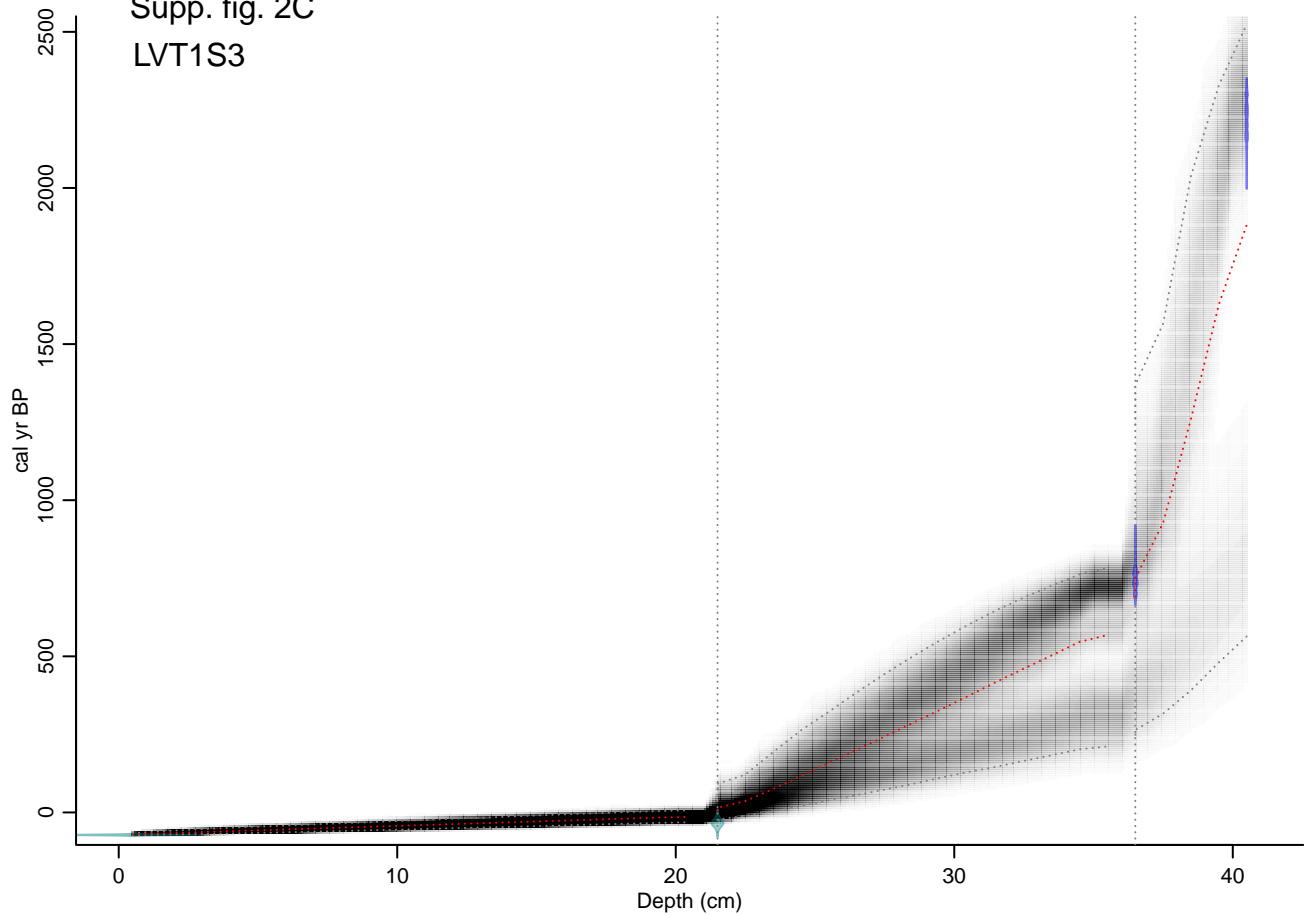
LVT1S2

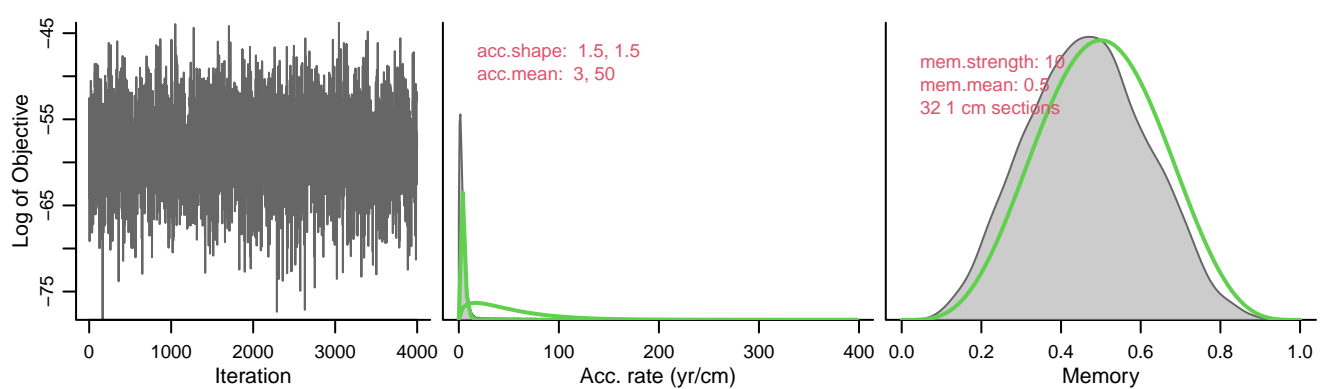




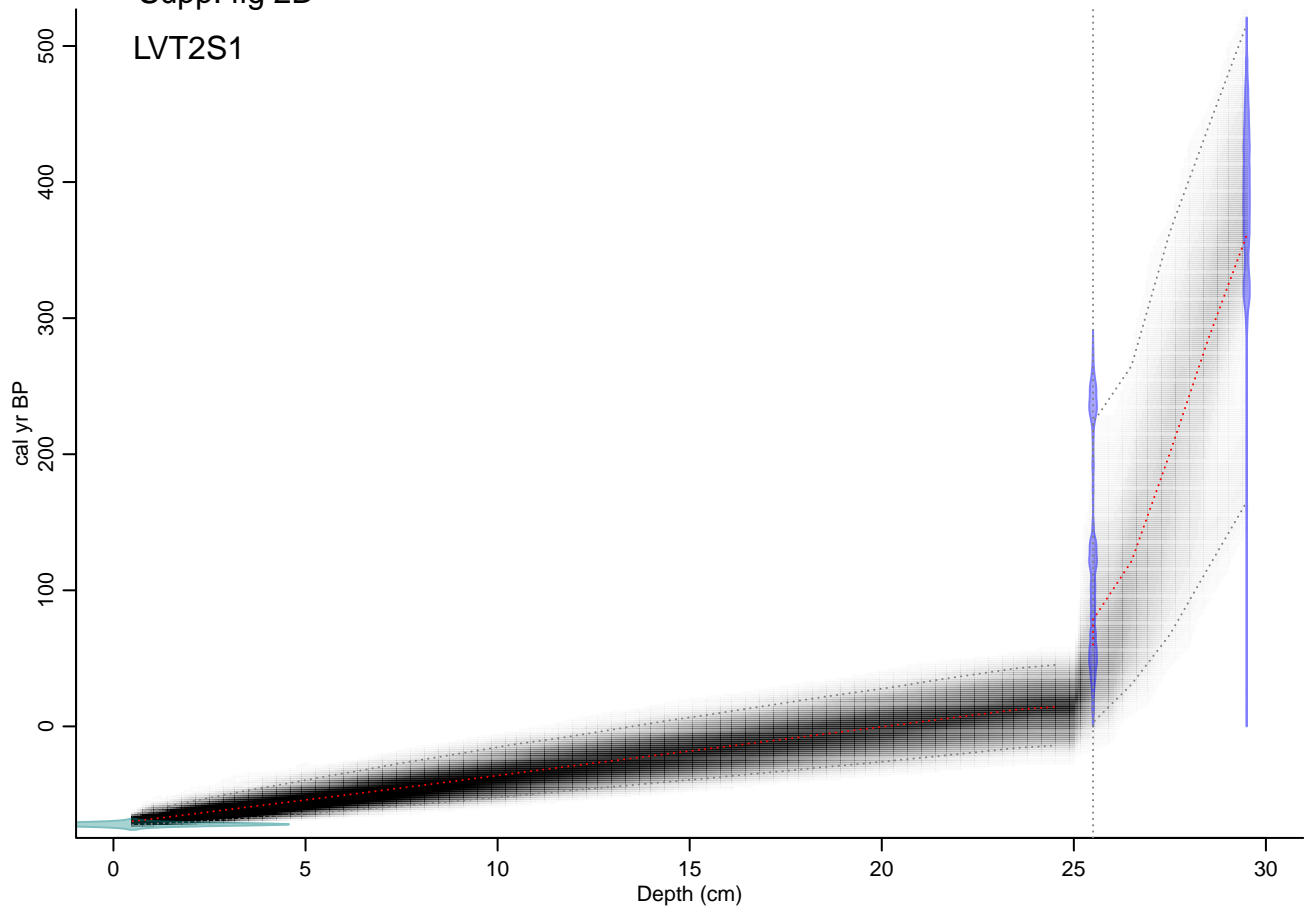
Supp. fig. 2C

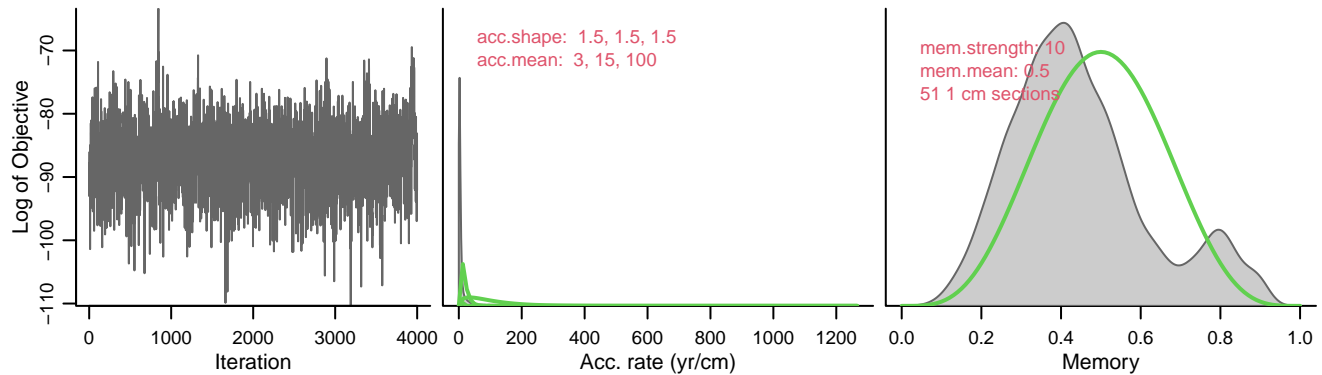
LVT1S3





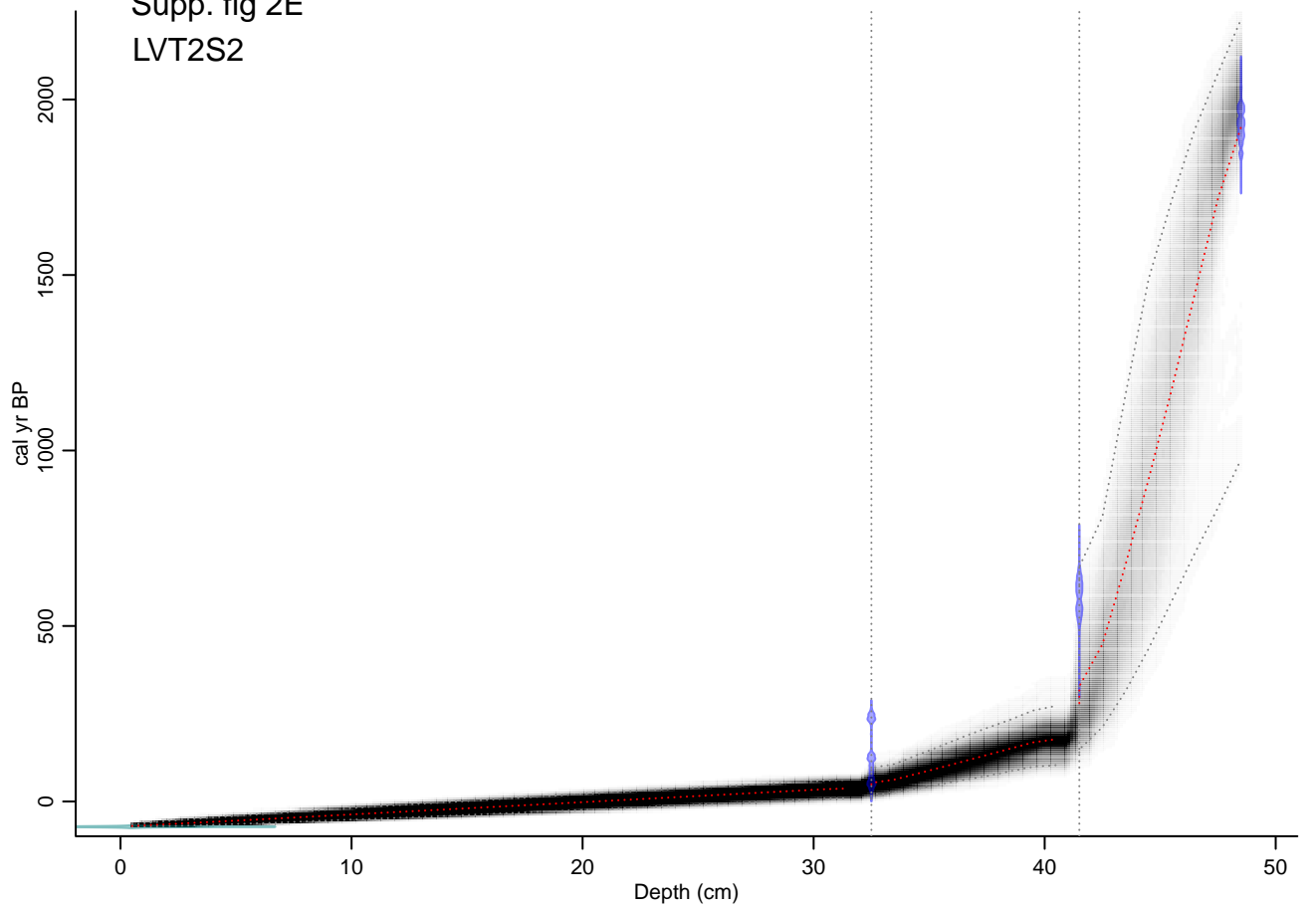
Supp. fig 2D

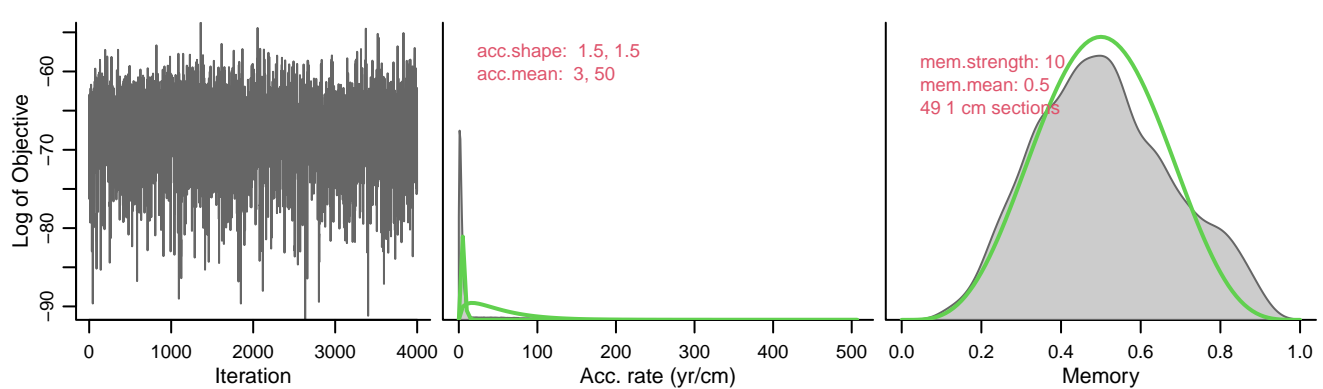




Supp. fig 2E

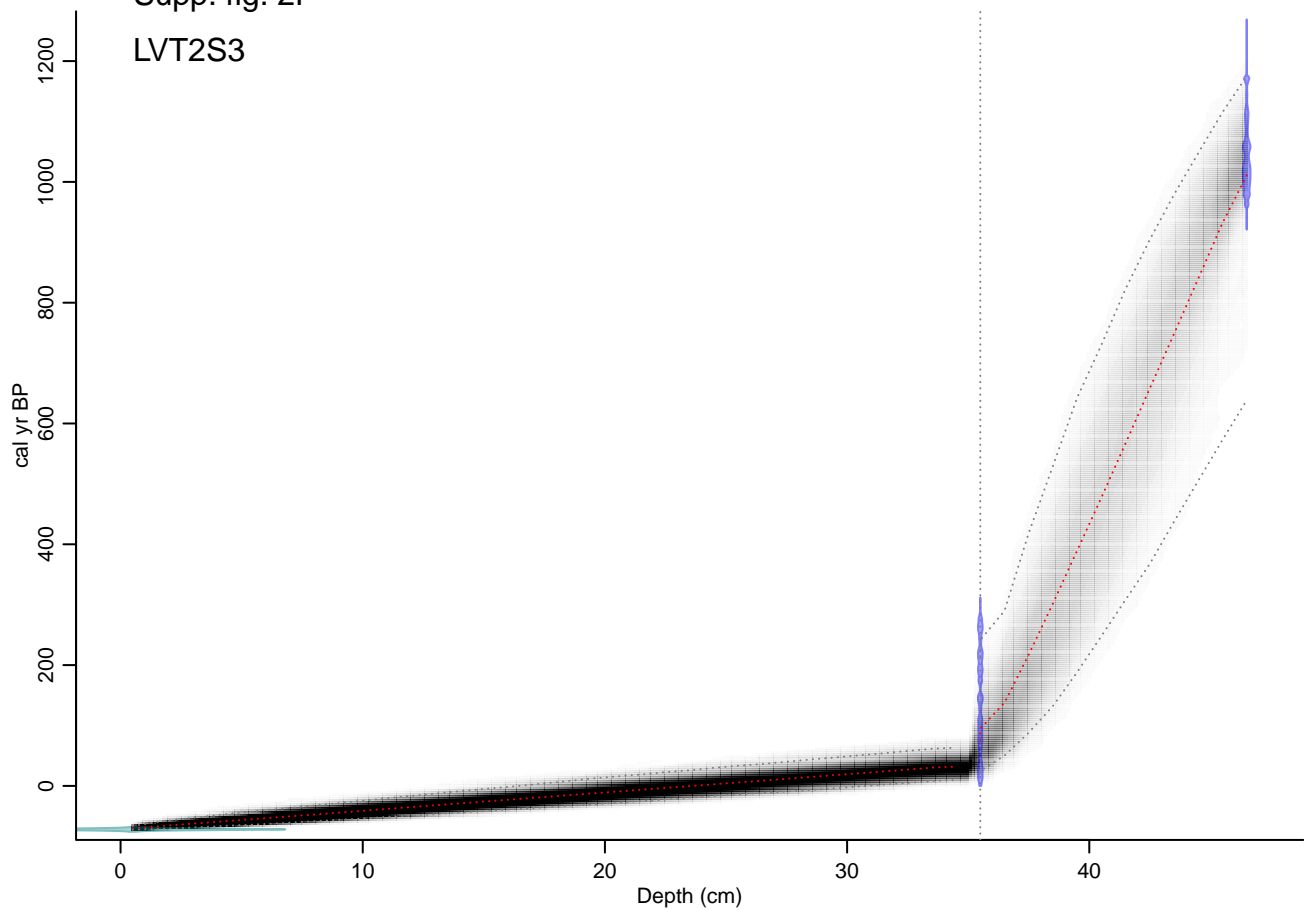
LVT2S2

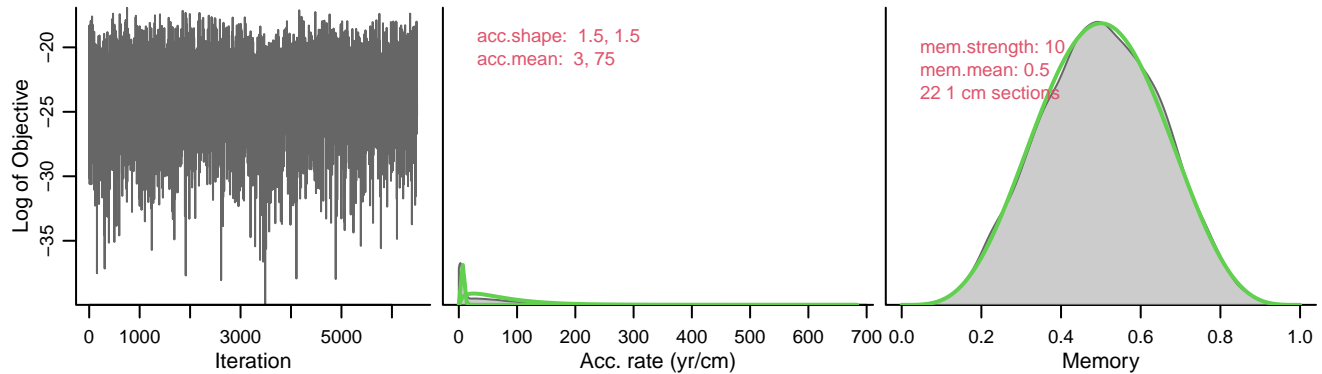




Supp. fig. 2F

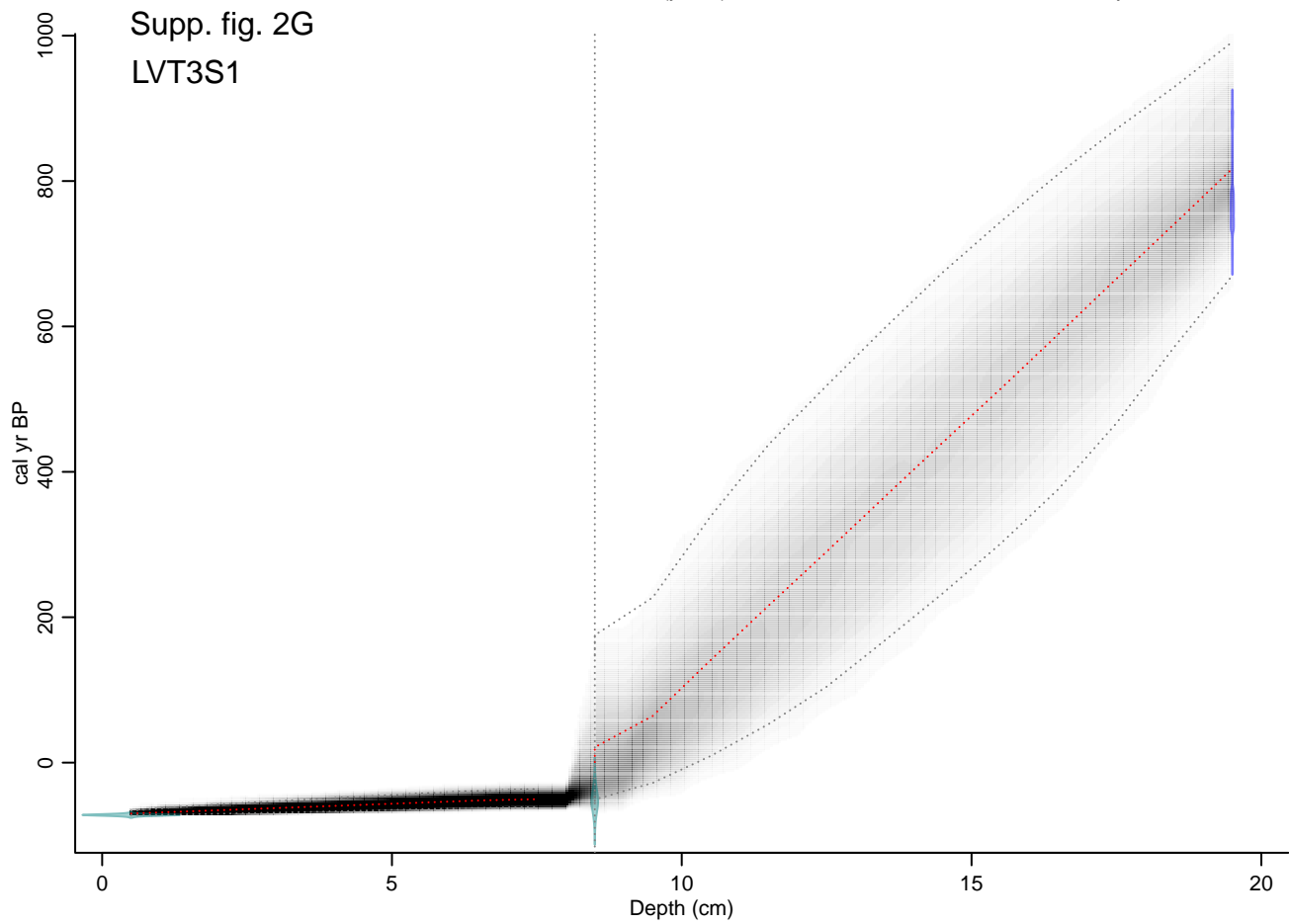
LVT2S3



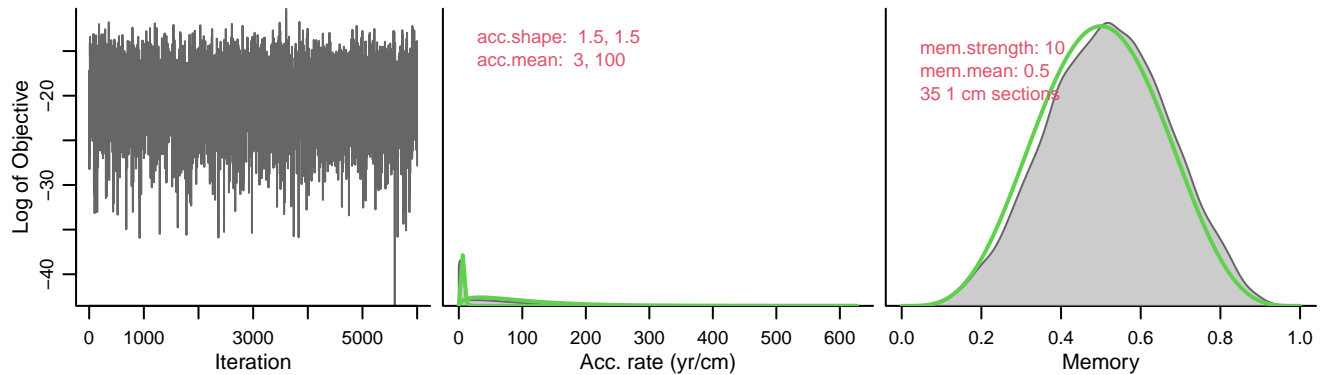


Supp. fig. 2G

LVT3S1

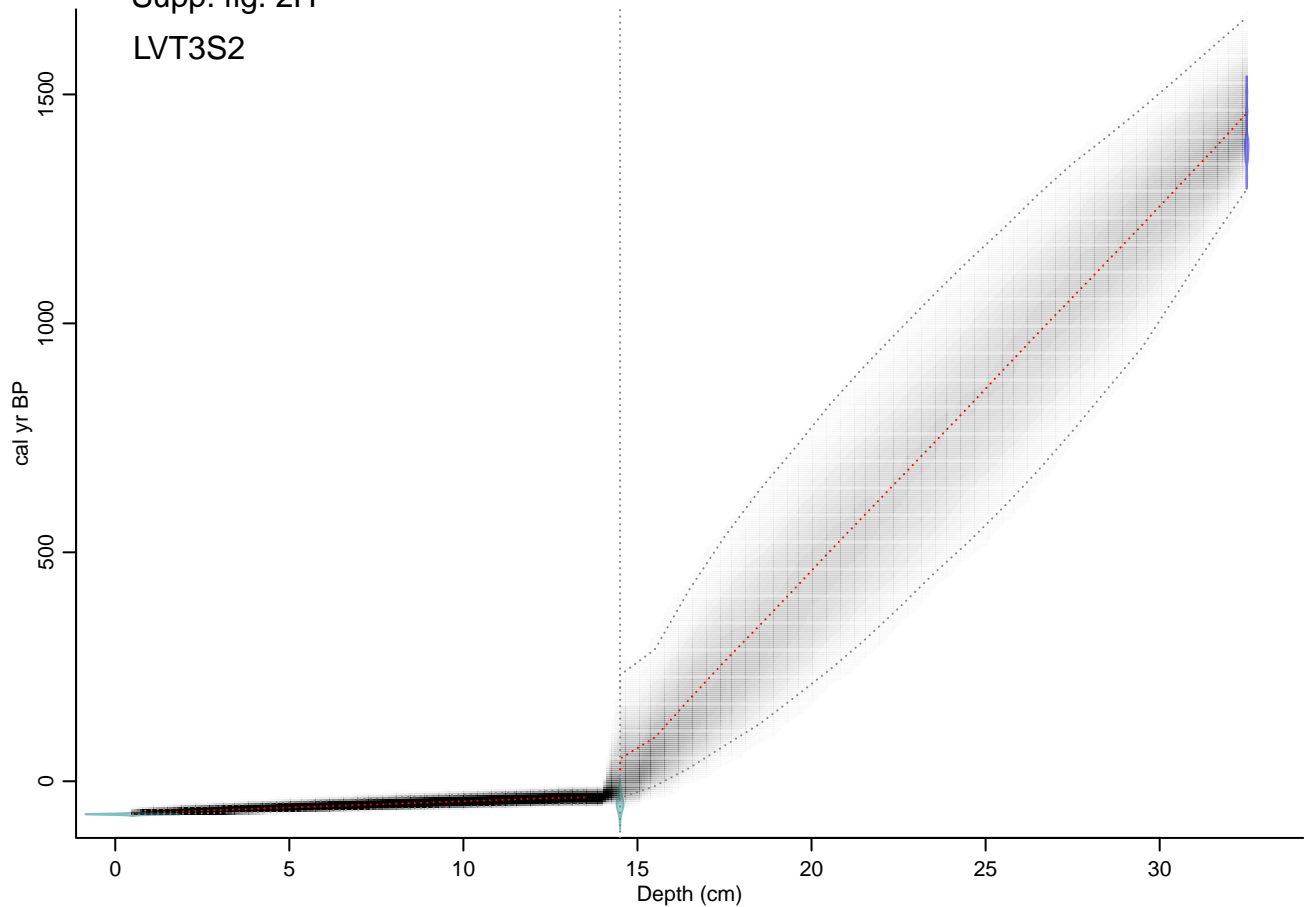


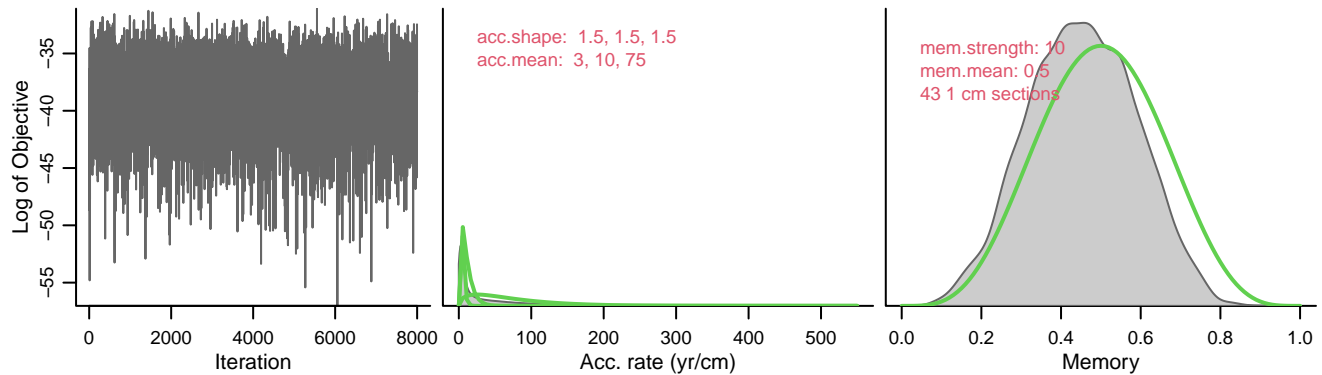




Supp. fig. 2H

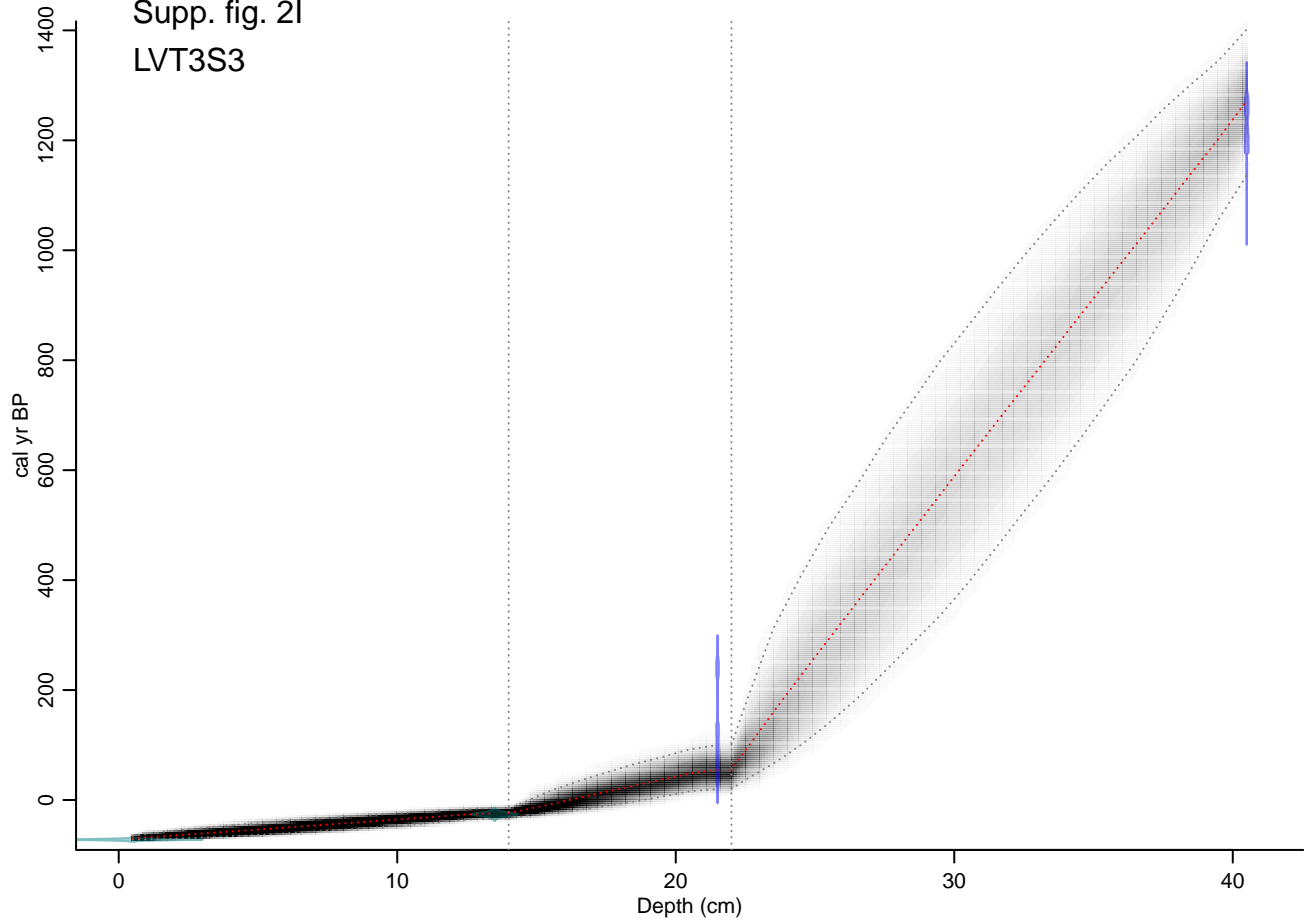
LVT3S2

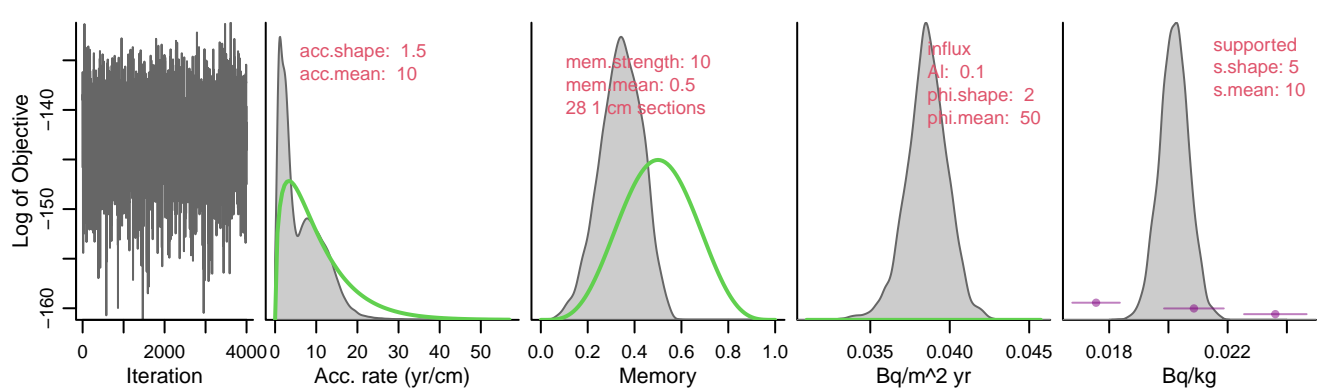




Supp. fig. 2I

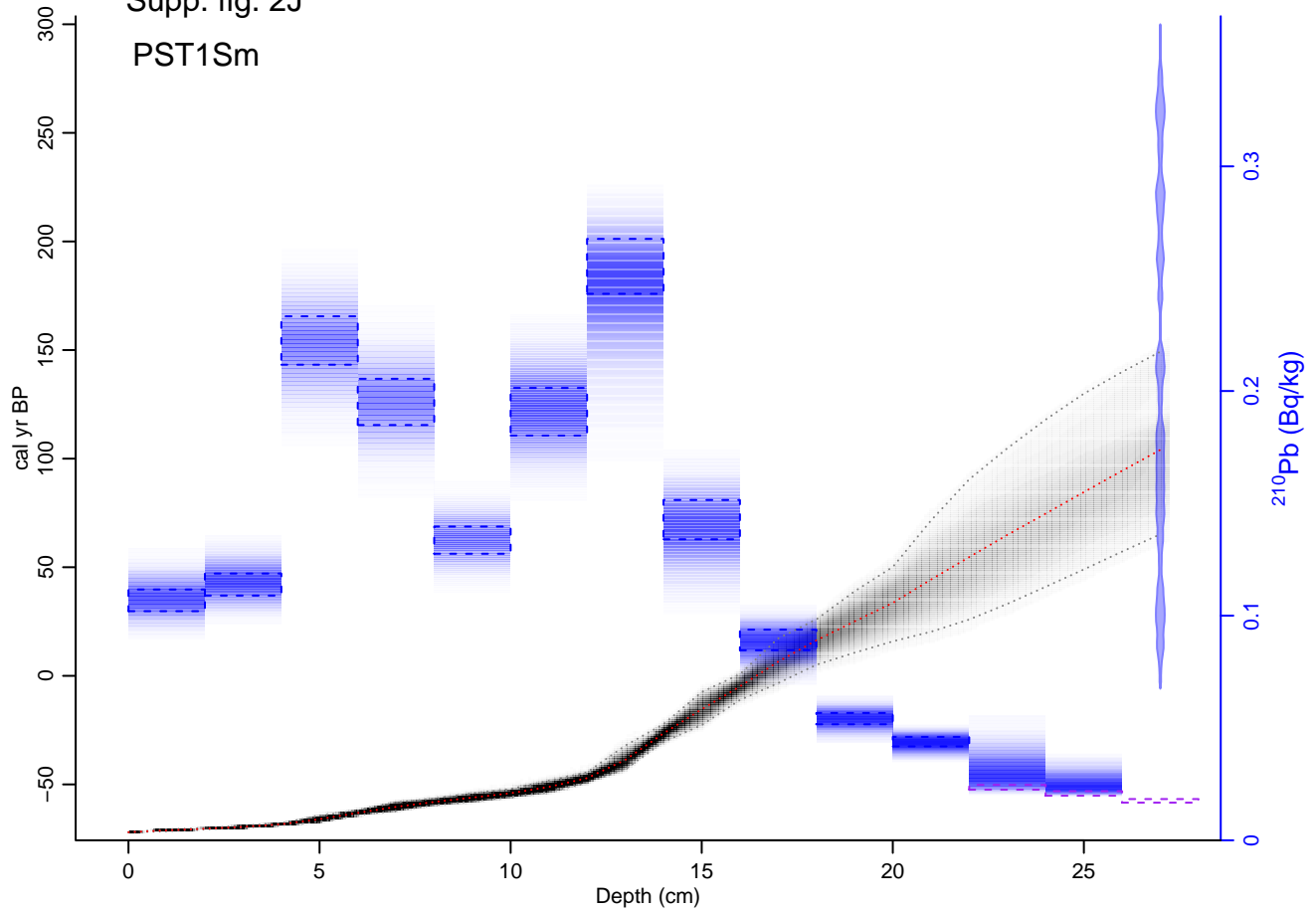
LVT3S3

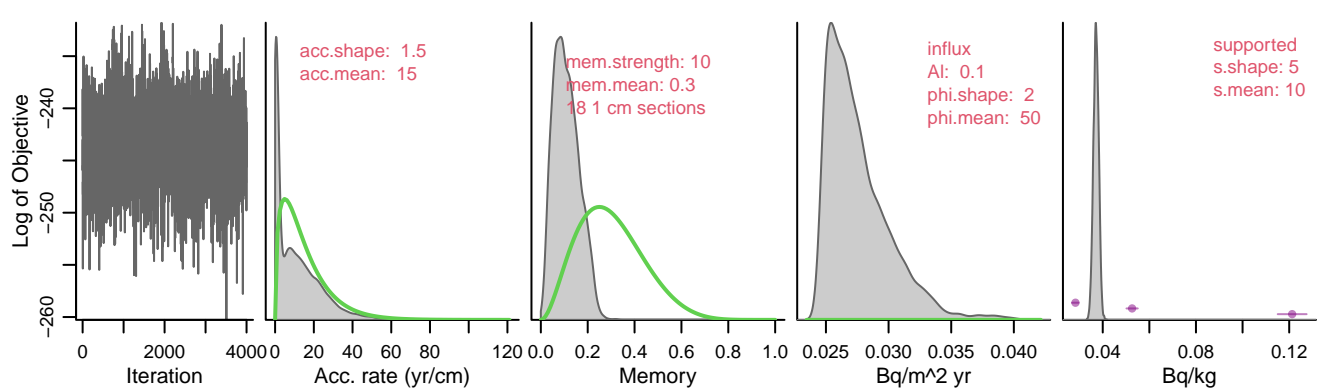




Supp. fig. 2J

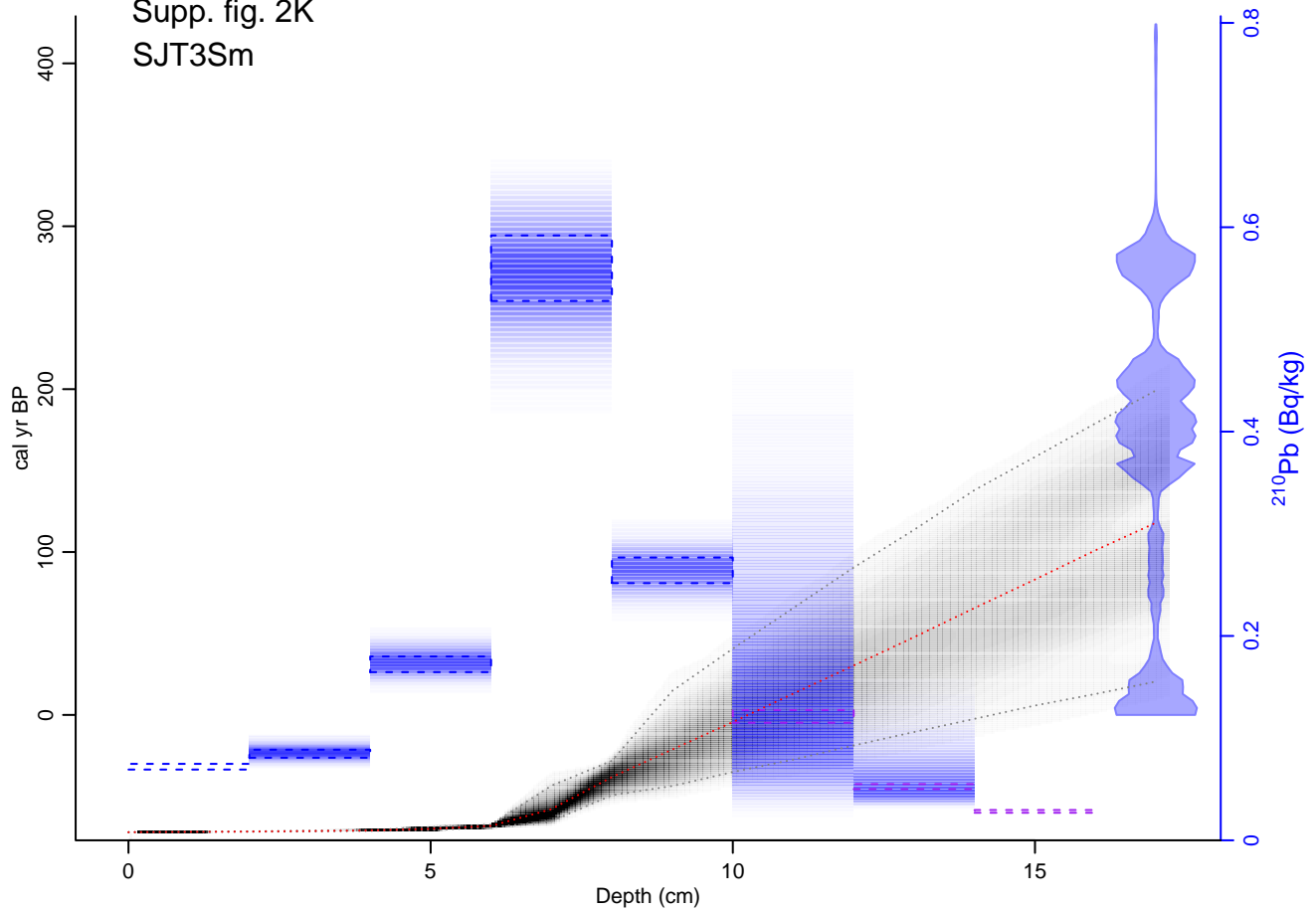
PST1Sm

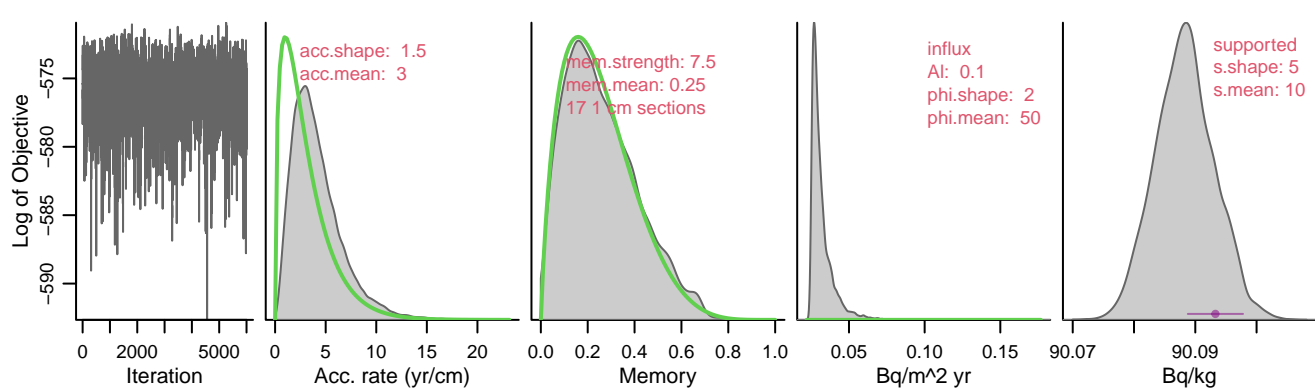




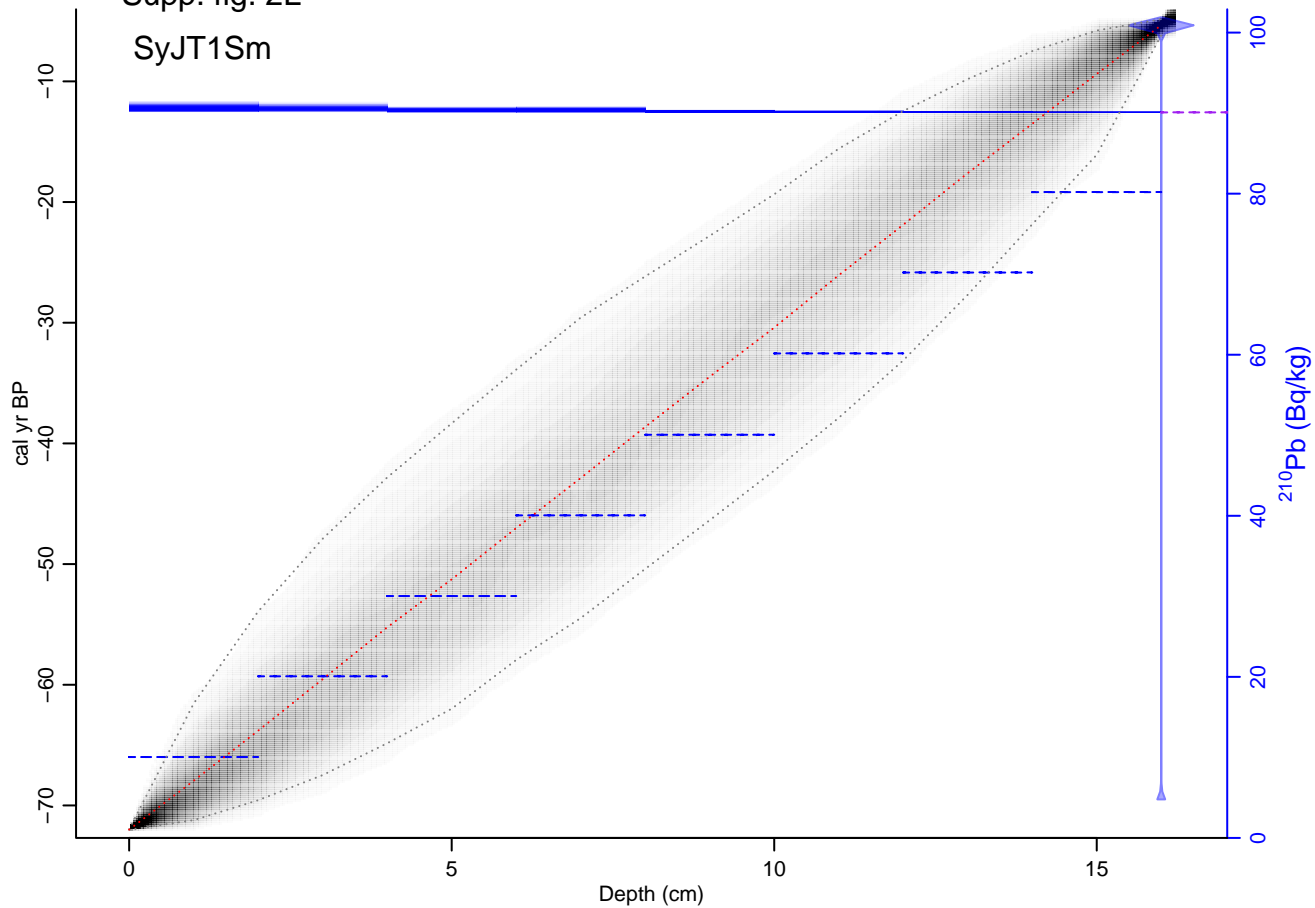
Supp. fig. 2K

SJT3Sm



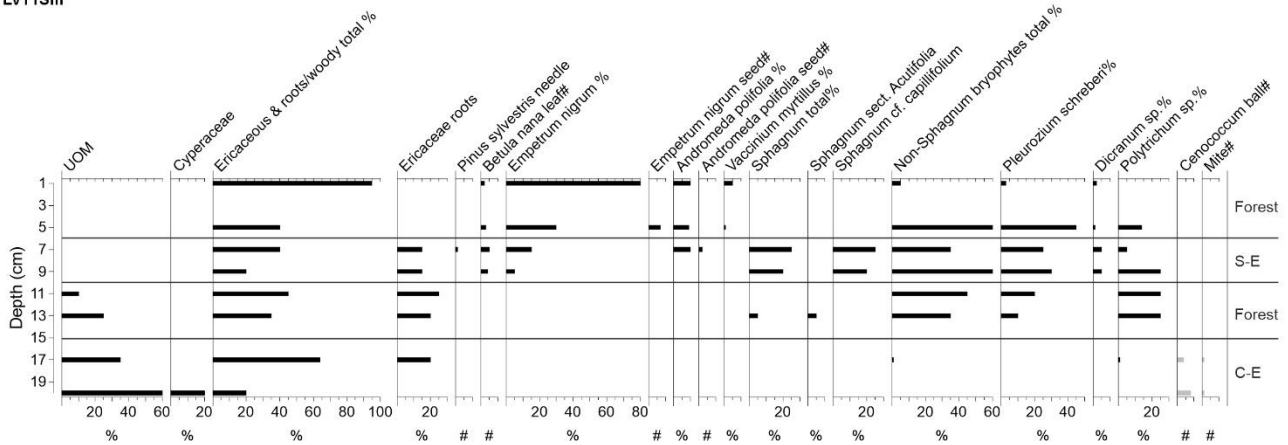


Supp. fig. 2L

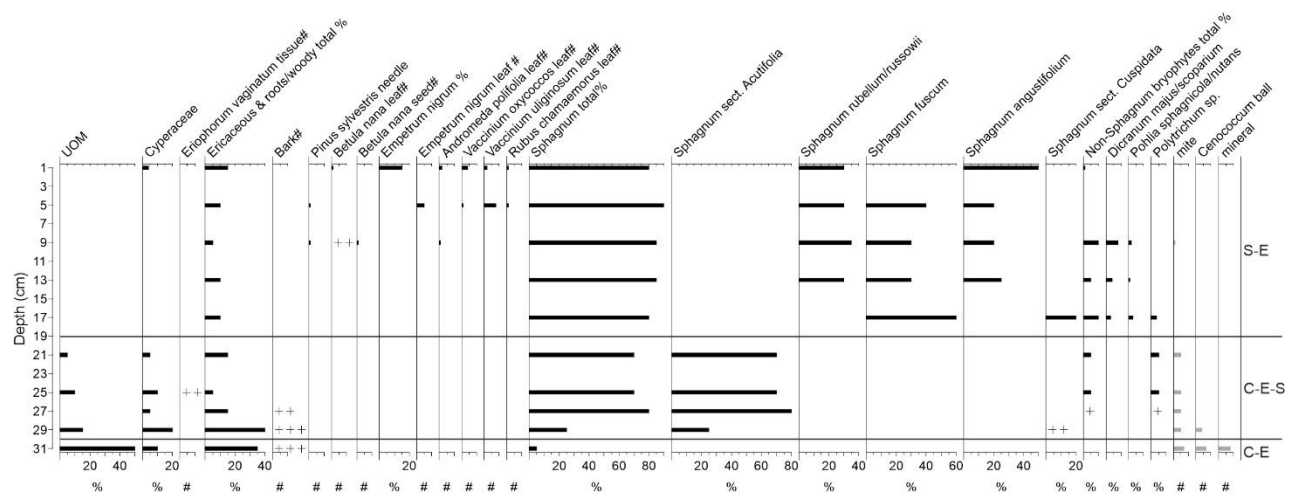


# Lompolovuoma transect 1

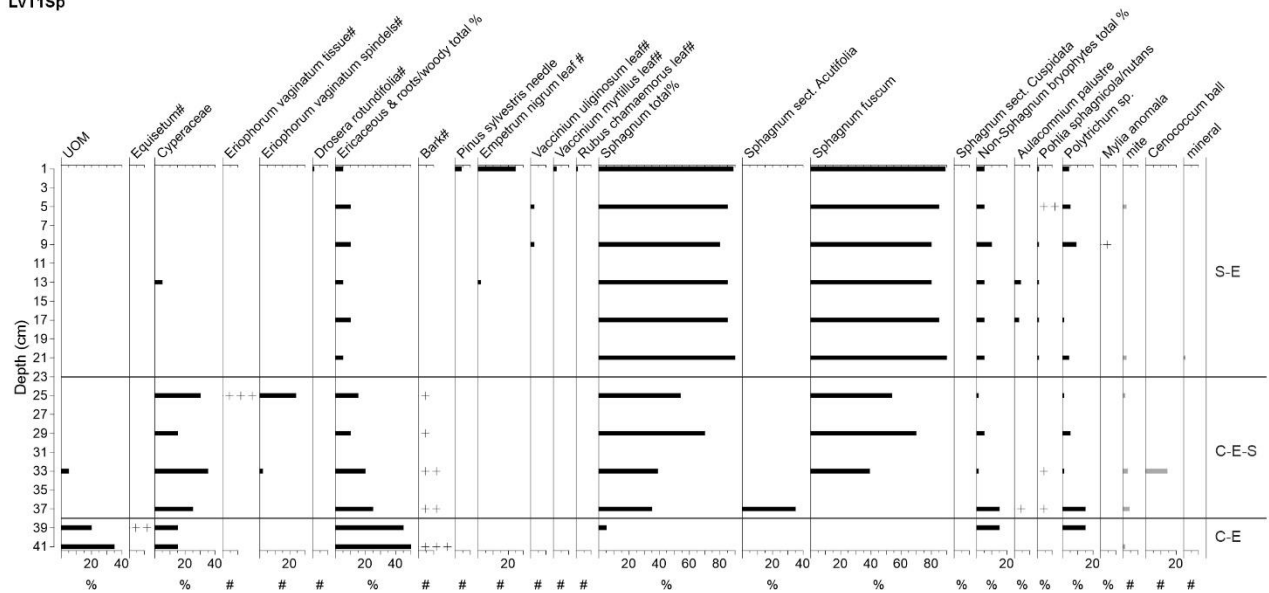
LVT1Sm



LVT1Si



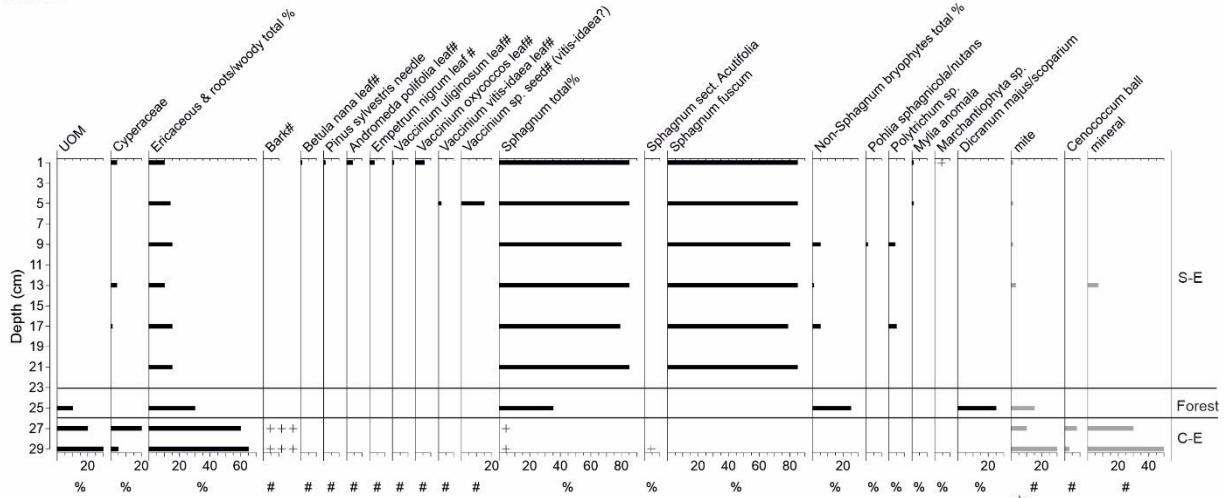
LVT1Sp



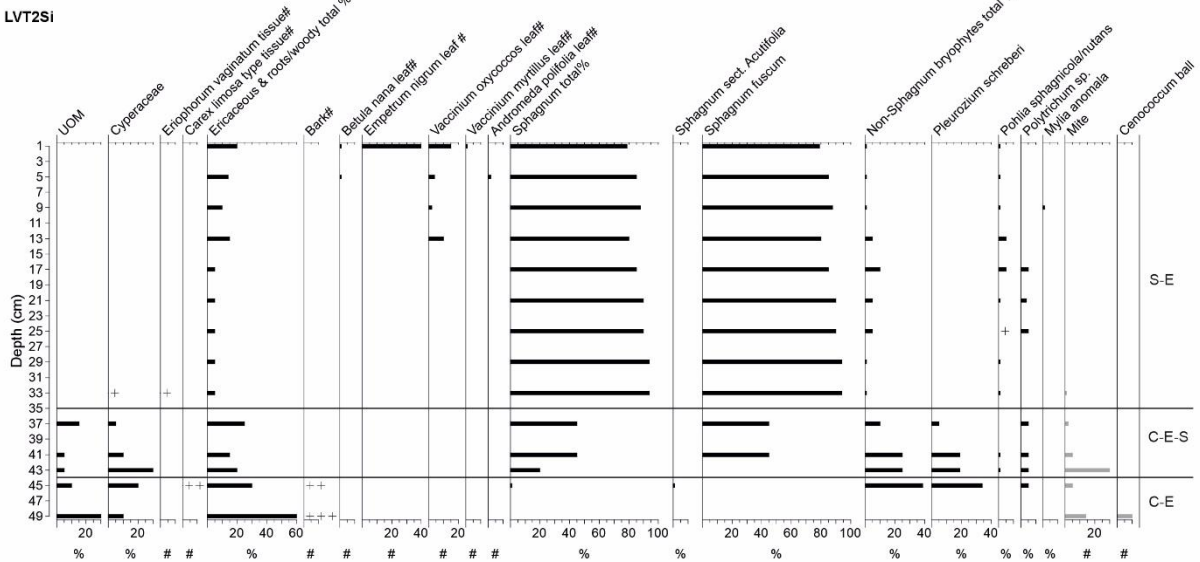
Supplementary figure 3a. Macrofossil data for peat profiles in transect 1. Unrecognized organic matter (UOM), and plant species or species groups are presented as well as remains of mites, Cenococcum, and mineral content.

# Lompolovuoma transect 2

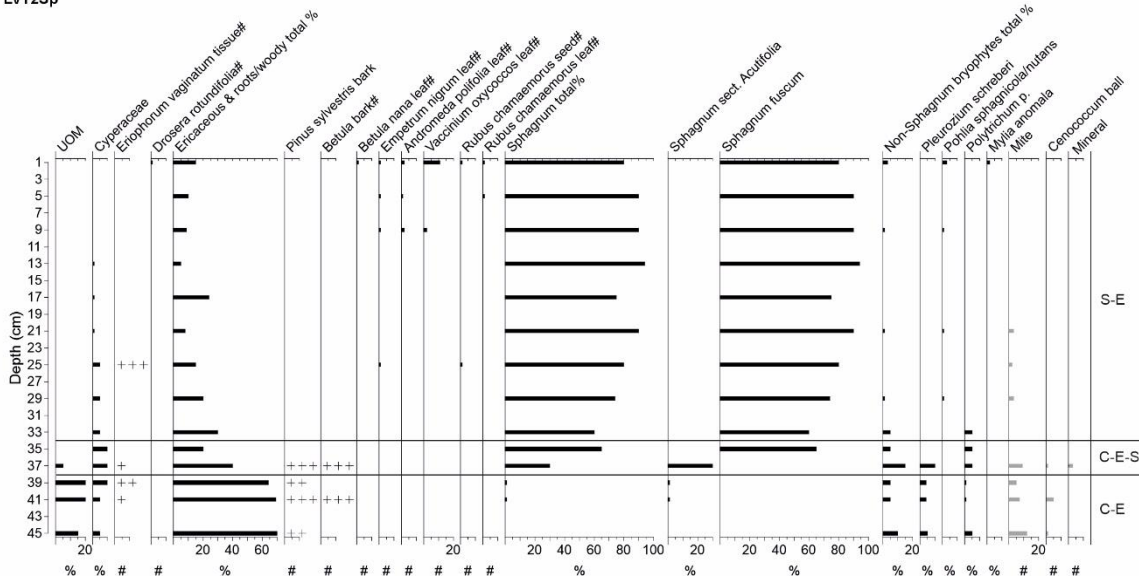
LVT2Sm



LVT2Si

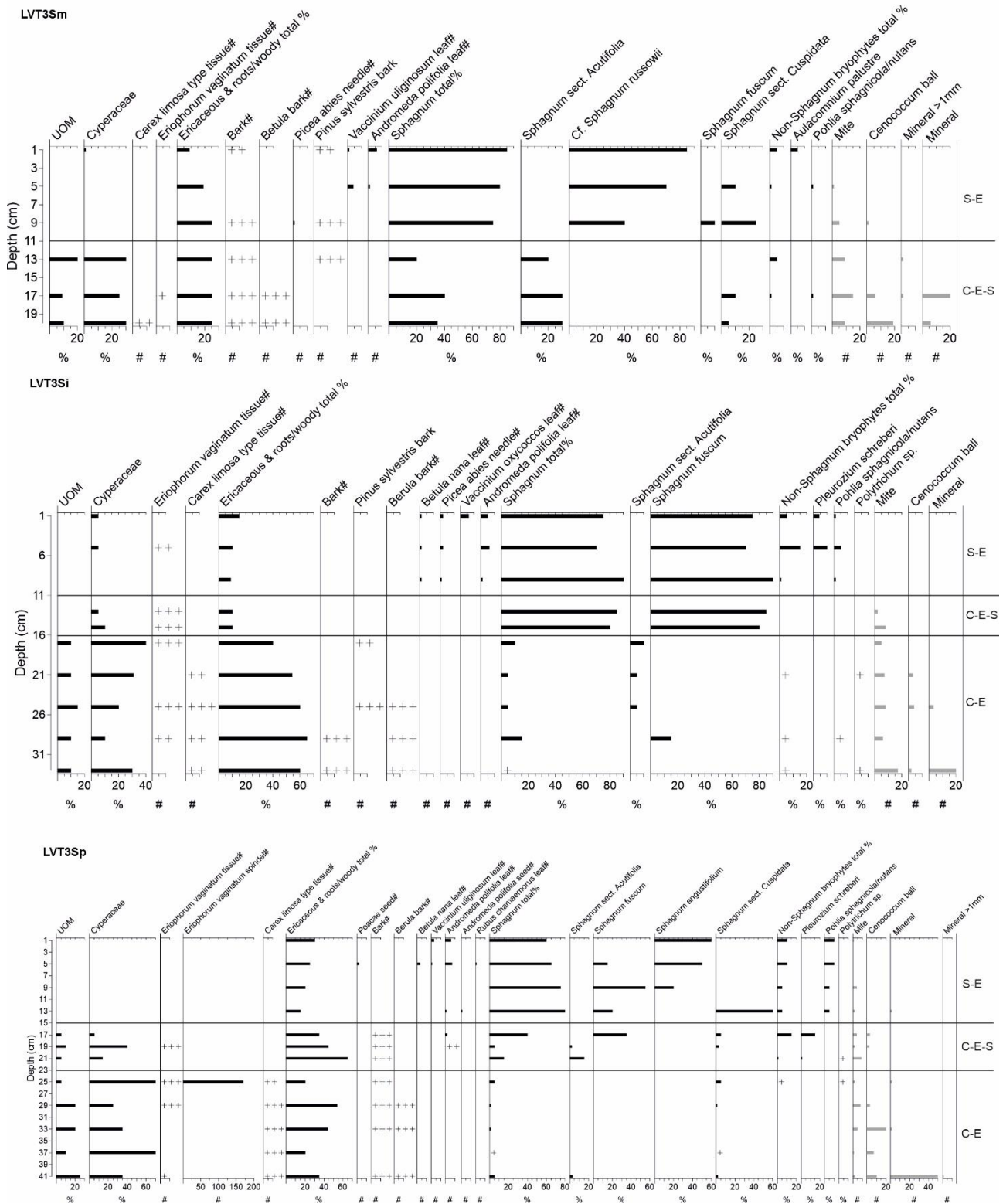


LVT2Sp



Supplementary figure 3b. Macrofossil data for peat profiles in transect 2. Unrecognized organic matter (UOM), and plant species or species groups are presented as well as remains of mites, Cenococcum, and mineral content.

# Lompolovuoma transect 3



Supplementary figure 3c. Macrofossil data for peat profiles in transect 3. Unrecognized organic matter (UOM), and plant species or species groups are presented as well as remains of mites, Cenococcum, and mineral content.