Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: TrnL p6loop plant sequences

File Name: Supplementary Data 2

Description: Pollen vs DNA

File Name: Supplementary Data 3

Description: Occurrences and taxonomic assignments of the 16S sequences

File Name: Supplementary Data 4 Description: PhyloAlps database fasta

File Name: Supplementary Data 5

Description: Age and depth of the sedaDNA samples

File Name: Supplementary Data 6

Description: Age and depth of the pollen samples

File Name: Supplementary Data 7

Description: Primer tag to PCR replicate lookup

File Name: Supplementary Data 8

Description: Proportions of weighted PCR replicates of the taxa found in the controls of the

plant sedaDNA analyses

File Name: Supplementary Data 9

Description: Proportion of weighted PCR replicates of the sedaDNA mammal taxa found in

the controls

File Name: Supplementary Data 10

Description: Statistical results of the RDA analyses

File Name: Supplementary Data 11

Description: Chironomid assemblages from the unteres Sulssweewli record as shown in

Supplementary information.

File Name: Supplementary Data 12

Description: Chironomid-inferred mean July air temperatures (°C) for the unteres Sulsseewli

record.