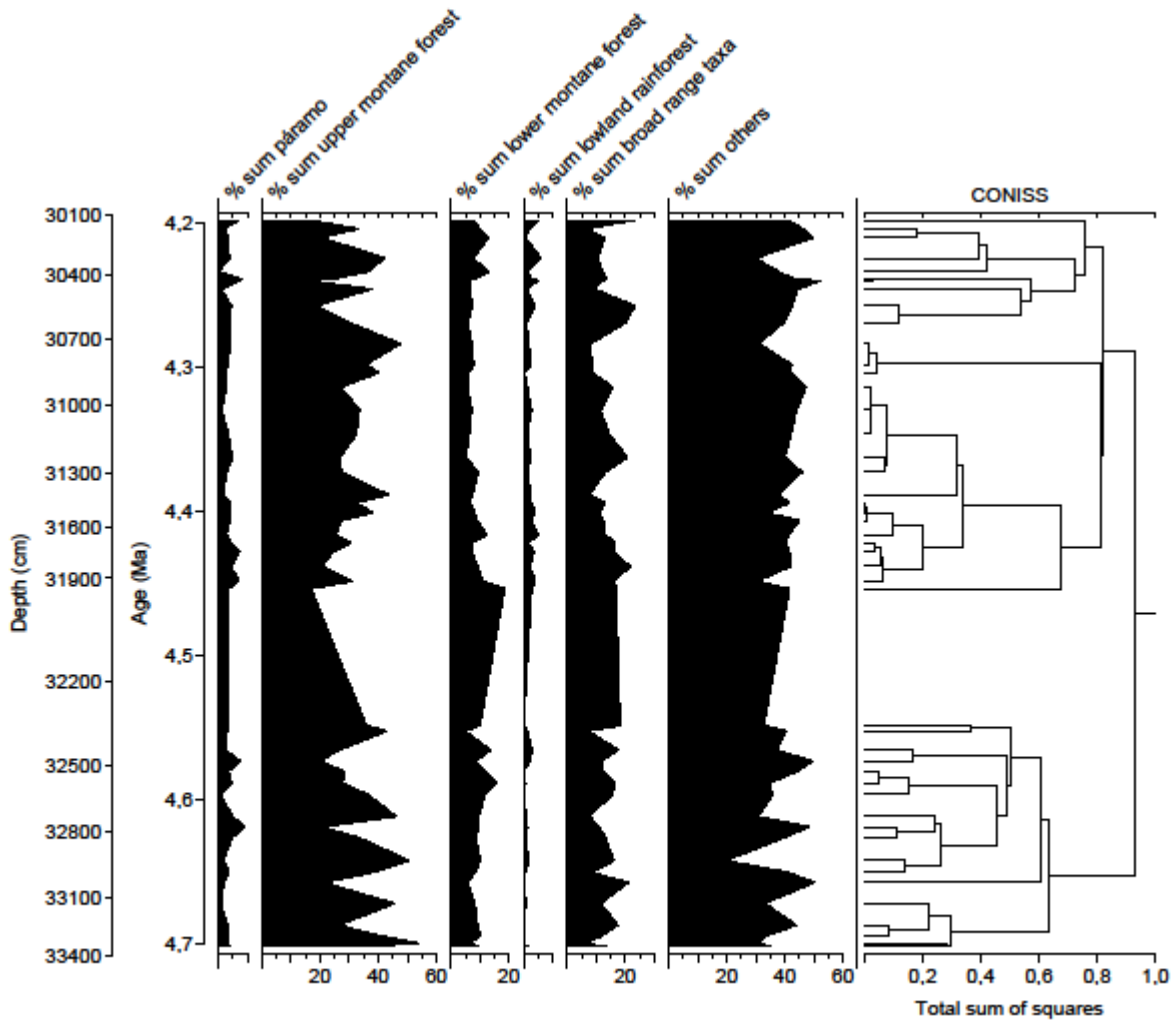
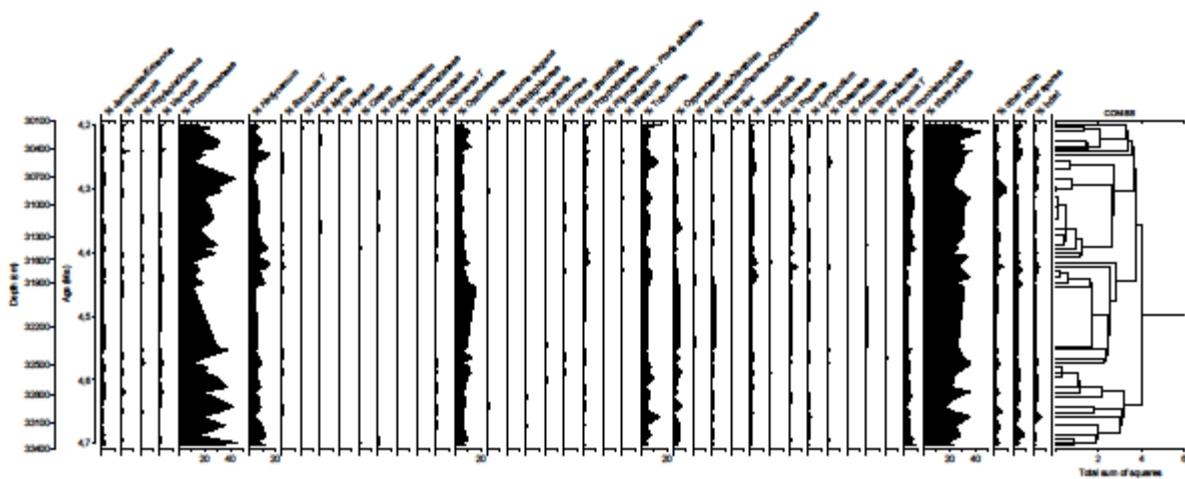
Fig. S1: Pollen diagram of the taxa found in ODP Hole 1239A which occurred in at least 10% of the samples, and core top samples from Hole 1239B. Ages after Tiedemann et al. (2007).

4

5 **Fig. S2: Percentages of páramo, upper montane forest, lower montane forest, lowland rainforest, broad range taxa, and**
6 **others, based on the pollen and spores sum from samples of ODP Hole 1239A. CONISS analysis showing the zonation**
7 **of the diagram. Ages after Tiedemann et al. (2007).**

8

9 **Fig. S3: Pollen diagram of the identified taxa found in ODP Hole 1239A which were used for the calculation of the total**
10 **sum of squares (CONISS). Ages after Tiedemann et al. (2007).**