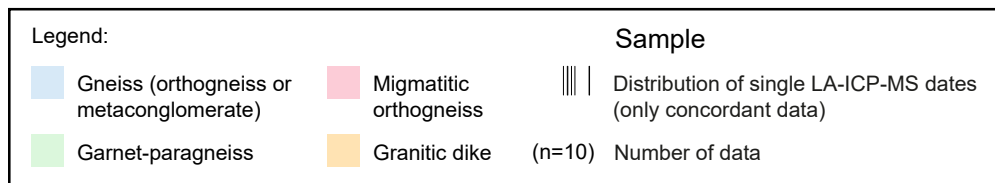
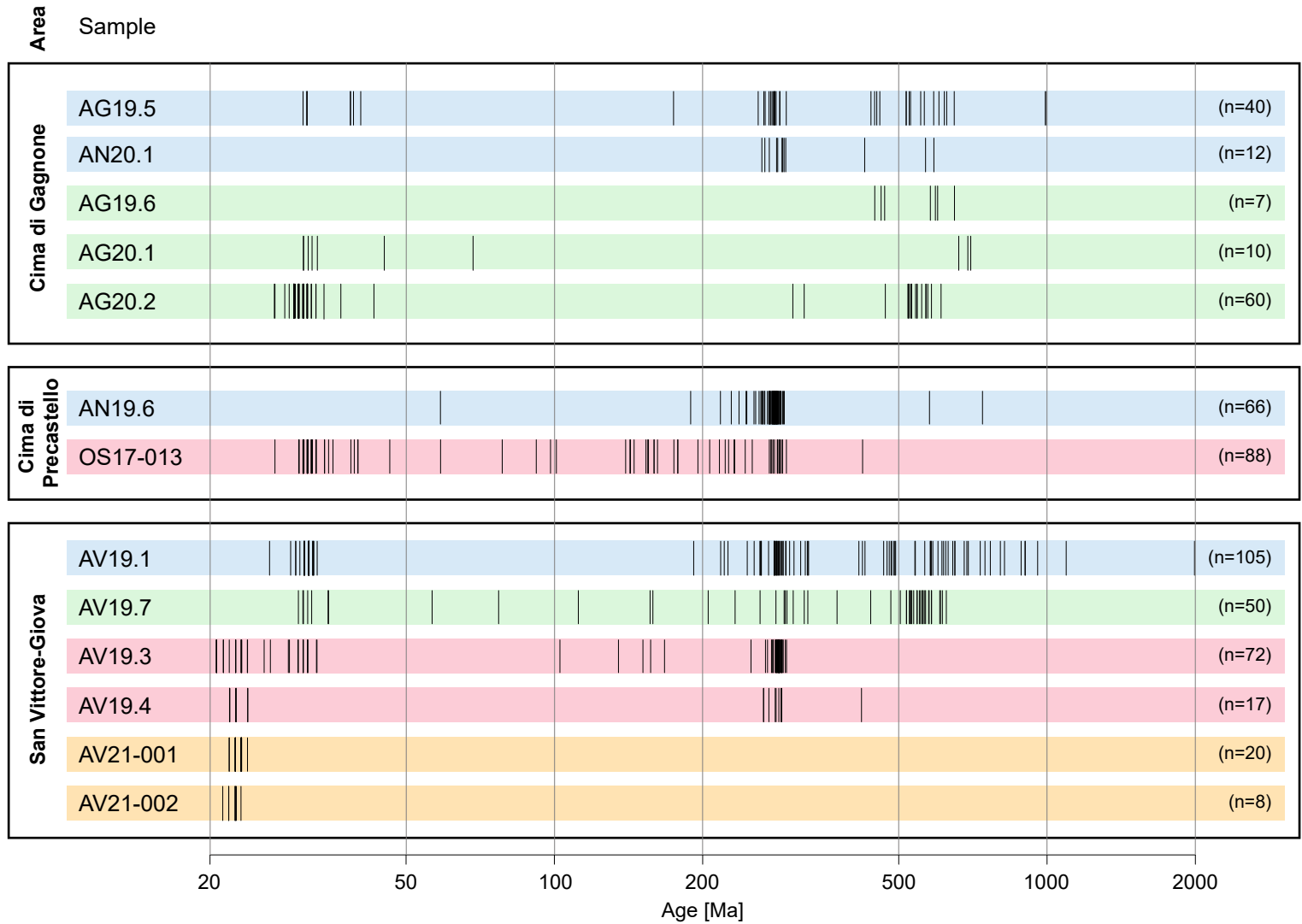


## Distribution of LA-ICP-MS dates for all samples:

The distributions of single data (reported as Concordia ages) have been created with IsoplotR (computation of KDE function; Vermeesch, 2018).  
**NOTE:** this diagram shows the distribution of all concordant *dates*, to correctly identify the corresponding (geologically meaningful) ages see the main text.



## Kernel Density Estimates of LA-ICP-MS dates for all samples:

Kernel Density Estimates (KDE) have been computed with IsoplotR (Vermeesch, 2018) with an automatic Kernel bandwidth (ca. 0.01). The diagram is particularly useful in identifying data clusters for each sample. No vertical scale is indicated because histograms of the single counts have been removed from this figure. *NOTE:* this diagram shows the distribution of all concordant *dates* (reported in the plot as Concordia ages), to correctly identify the corresponding (geologically meaningful) ages see the main text.

