

Supplementary data – Appendix A

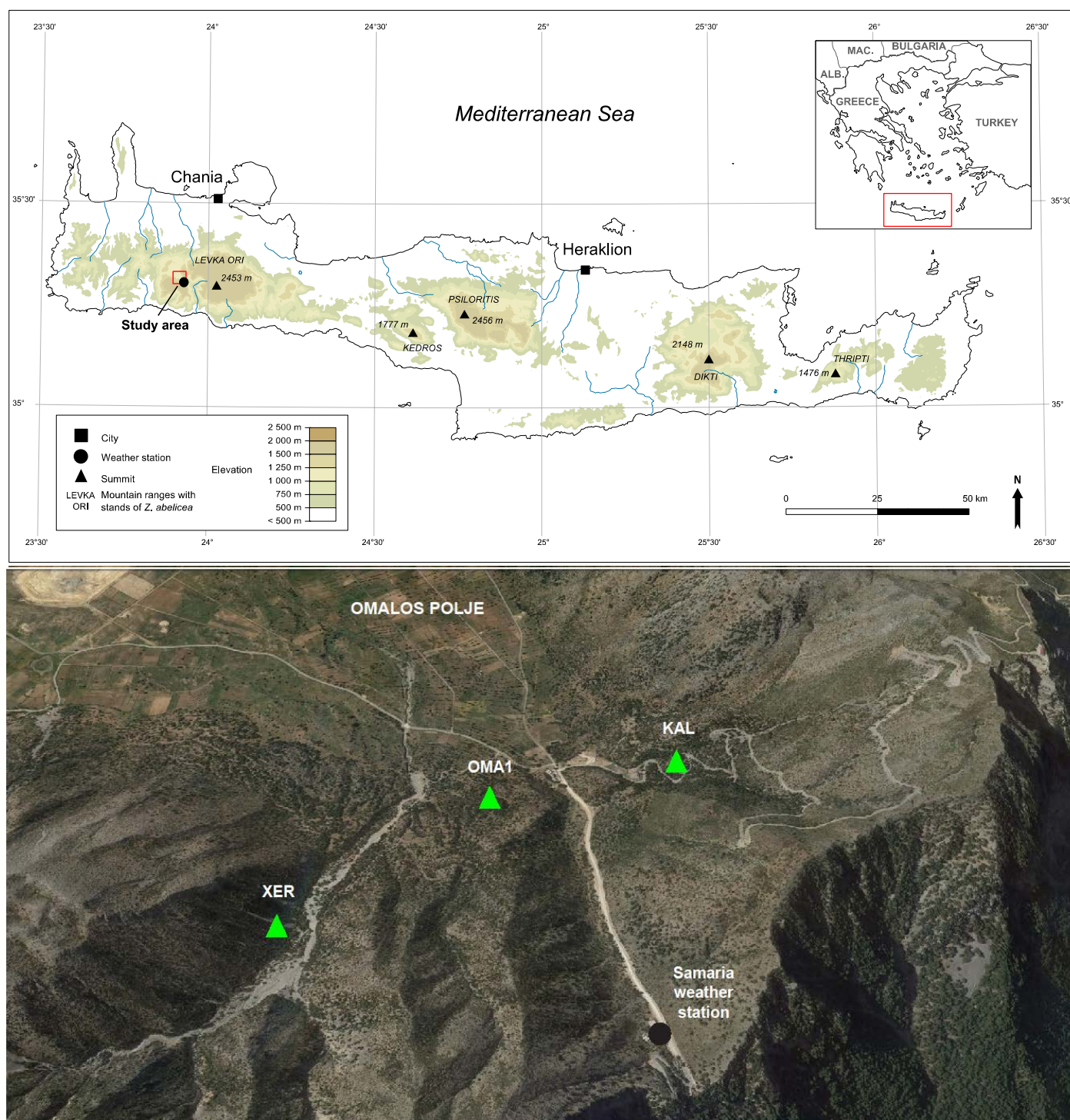


Fig. S1. Location of the study region and of the three sampling sites (OMA, KAL, XER) as well as the closest weather station (Samaria station) on the sides of the Omalós polje in the Levka Ori, western Crete.

Table S1. Correlation coefficients between the residual chronology and monthly precipitation, mean temperature and 3-month standardized precipitation evapotranspiration index (SPEI) for *Z. abelicea* for the correlation function analyses. Bold values are significant ($p < 0.05$).

Month	Precipitation	Mean temperature	3-month SPEI
Oct t-1	-0.09	0.03	-0.040
Nov t-1	0.02	-0.08	-0.021
Dec t-1	0.17	-0.01	0.041
Jan	-0.10	0.04	-0.012
Feb	-0.06	-0.09	0.010
Mar	0.05	0.01	-0.099
Apr	0.09	0.03	0.010
May	0.44	-0.12	0.181
Jun	0.39	-0.29	0.393
Jul	-0.08	-0.02	0.464
Aug	0	0.10	0.219
Sep	-0.10	-0.05	-0.057
May-June	0.50	-0.22	-

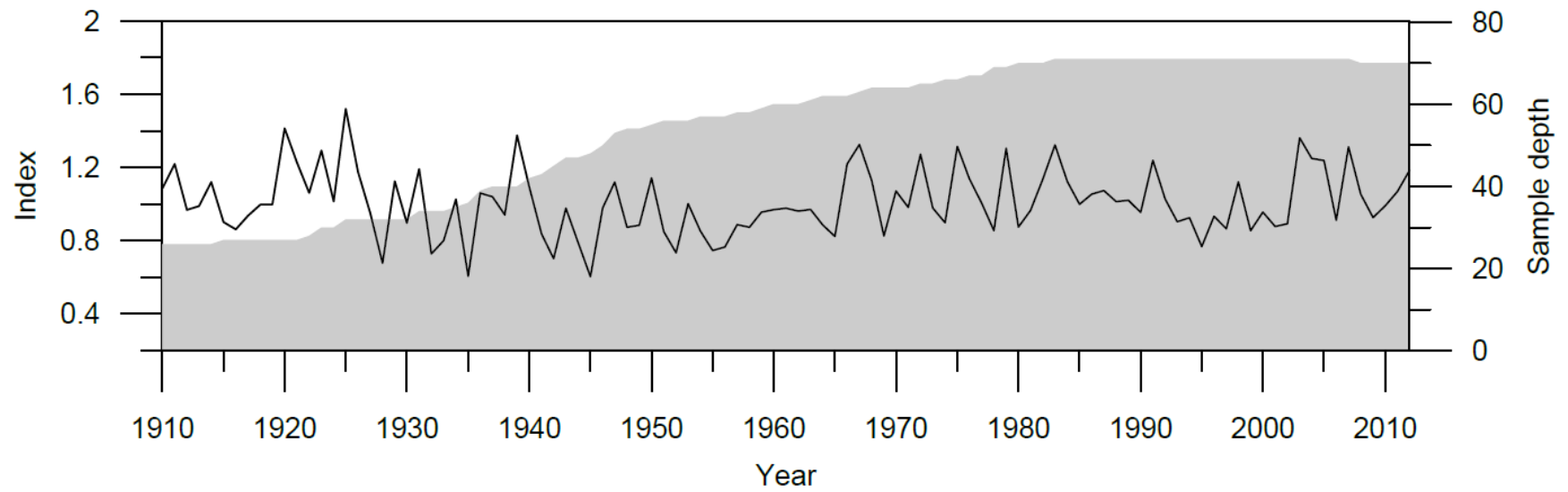


Fig. S2. *Zelkova abelicea* ARGV tree-ring detrended chronology (black) and sample depth (grey).