

Table S3. Descriptive statistics (mean value \pm standard error) of beech provenances under the applied watering treatments

Trait	Evros		Drama	
	FR	NF	FR	NF
	Mean value	Mean value	Mean value	Mean value
Specific leaf area-SLA (mm ² /μg)	325.582 \pm 12.34 4	348.505 \pm 11.96 2	315.632 \pm 8.005	332.130 \pm 7.867
Leaf dry matter content-LDMC	1.347 \pm 0.019	1.253 \pm 0.028	1.281 \pm 0.025	1.202 \pm 0.024
Leaf thickness (μm)	0.270 \pm 0.013	0.249 \pm 0.010	0.262 \pm 0.009	0.264 \pm 0.008
Leaf length (mm)	33.255 \pm 1.034	30.956 \pm 0.933	36.478 \pm 1.414	35.860 \pm 1.012
Leaf width (mm)	21.076 \pm 0.656	20.781 \pm 0.597	23.783 \pm 0.807	22.545 \pm 0.589
Leaf base angle (°)	106.556 \pm 1.670	110.264 \pm 1.838	108.168 \pm 1.383	105.967 \pm 1.851
Leaf tip angle (°)	91.381 \pm 1.007	92.839 \pm 1.457	89.947 \pm 1.333	89.223 \pm 0.863
Number of leaf secondary veins	15.056 \pm 0.365	14.537 \pm 0.344	15.679 \pm 0.272	14.214 \pm 0.348
Leaf circularity	0.737 \pm 0.007	0.719 \pm 0.006	0.746 \pm 0.005	0.677 \pm 0.006
Shoot length (cm)	14.009 \pm 0.407	14.912 \pm 0.378	15.665 \pm 0.424	16.044 \pm 0.478
Shoot dry weight (mg)	0.273 \pm 0.014	0.334 \pm 0.014	0.344 \pm 0.022	0.318 \pm 0.011
Root area (mm ²)	1187.871 \pm 103.726	1440.010 \pm 197.157	1134.648 \pm 116.171	1023.683 \pm 83.732
Root dry weight (mg)	0.317 \pm 0.025	0.389 \pm 0.022	0.380 \pm 0.028	0.361 \pm 0.020
Section area (μm ²)	2338.964 \pm 94.700	2991.380 \pm 105.960	2528.972 \pm 147.617	1729.094 \pm 55.288
Phellem length (μm)	19.152 \pm 0.723	20.537 \pm 0.497	21.477 \pm 0.479	20.544 \pm 0.594
Cortex length (μm)	39.298 \pm 1.567	46.935 \pm 1.231	44.848 \pm 2.208	40.035 \pm 1.557
Phloem length (μm)	66.815 \pm 2.279	87.183 \pm 2.772	76.625 \pm 1.859	67.349 \pm 1.126
Xylem length (μm)	374.464 \pm 11.996	501.306 \pm 18.693	461.783 \pm 14.296	397.644 \pm 14.144
Pith length (μm)	470.555 \pm 15.176	552.099 \pm 14.212	479.867 \pm 13.107	439.907 \pm 11.140
Stomatal density	127.247 \pm 3.041	117.854 \pm 3.302	129.857 \pm 5.208	145.298 \pm 4.752
Number of pith rays	19.333 \pm 0.482	19.130 \pm 0.409	17.179 \pm 0.279	17.821 \pm 0.557