

Supplementary Material

Tab. S1 - Substrate characteristics at the two restoration plantations.

Site	Soil depth (cm)	pH	EC (mmho/cm)	CaCO ₃ (%)	Clay (%)	Silt (%)	Loam (%)	OM (%)	NO ₃ ⁻ (mg/kg)	NH ₄ ⁺ (mg/kg)	Polsen0 (mg/kg)	B (mg/kg)
Amyntaio	0-30	8.0	0.5	6.2	23.2	25.2	51.7	1.2	15.7	9.0	3.5	0.4
	30-60	8.2	0.6	7.5	23.1	24.0	53.0	0.8	43.1	9.1	6.3	0.2
	60-90	8.1	0.6	10.7	19.8	25.5	54.8	1.1	50.9	7.6	6.8	0.2
Ptolemaida	0-30	7.9	0.6	37.2	23.8	29.4	46.9	5.3	118.2	5.5	8.5	1.3
	30-60	8.0	0.5	37.1	28.4	28.4	43.3	4.7	82.6	5.2	4.6	1.6
	60-90	7.9	0.66	40.6	27.3	30.0	41.6	5.9	65.0	5.7	5.9	0.8

Tab. S2 - Characteristics of simple linear regression models of LA and FDW to SAPA, CSA and STA.

Dependent variable	Independent variable	Tree section	a	b	SE	R²_{adj}
LA	SAPA	Stump Height (0.30)	-7.40	0.83	12.25	0.696
		Breast Height (1.30)	-8.32	1.12	13.02	0.657
		Middle Bole	-14.40	1.53	15.59	0.507
		Crown Base	-11.45	1.60	15.18	0.533
		2/3 Crown	-1.4309	0.769	13.34	0.567
		1/3 Crown	-2.526	1.001	5.576	0.689
FDW	SAPA	Stump Height (0.30)	-0.61	0.06	0.92	0.700
		Breast Height (1.30)	-0.72	0.09	0.95	0.683
		Middle Bole	-1.14	0.12	1.17	0.513
		Crown Base	-0.93	0.12	1.14	0.543
		2/3 Crown	-0.061	0.059	1.05	0.570
		1/3 Crown	-0.192	0.083	0.438	0.768
LA	CSA	Stump Height (0.30)	-7.52	2.83	11.27	0.743
		Breast Height (1.30)	-6.02	3.44	12.77	0.670
		Middle Bole	-8.43	4.28	12.72	0.673
		Crown Base	-4.33	3.83	14.76	0.560
		2/3 Crown	-3.728	2.675	11.61	0.625
		1/3 Crown	-4.781	2.889	7.805	0.646
FDW	CSA	Stump Height (0.30)	-0.60	0.21	0.86	0.740
		Breast Height (1.30)	-0.53	0.26	0.94	0.691
		Middle Bole	-0.72	0.33	0.93	0.697
		Crown Base	-0.44	0.30	1.07	0.597
		2/3 Crown	-0.235	0.205	0.927	0.660
		1/3 Crown	-0.382	0.239	0.621	0.703
LA	STA	Stump Height (0.30)	0.21	0.23	9.80	0.806
		Breast Height (1.30)	0.52	0.29	10.76	0.767
		Middle Bole	-1.96	0.44	9.59	0.814
		Crown Base	3.27	0.53	12.05	0.706
		2/3 Crown	0.858	0.587	8.738	0.727
		1/3 Crown	-2.8054	0.996	5.475	0.670
FDW	STA	Stump Height (0.30)	0.02	0.02	0.81	0.768
		Breast Height (1.30)	0.03	0.02	0.86	0.741
		Middle Bole	-0.18	0.03	0.73	0.811
		Crown Base	0.15	0.04	0.83	0.756
		2/3 Crown	0.116	0.045	0.719	0.771
		1/3 Crown	-0.218	0.082	0.419	0.780

Tab. S3 - Characteristics of simple linear regression models of leaf area (LA) and foliage dry weight (FDW) with the square of diameter at breast height (DBH²) and the square of diameter at the base of live crown (Dhlc²), as well as of Dhlc² with DBH².

Dependent variable	Independent variable	a	b	SE	R²
LA	DBH ²	1.55	0.16	11.7	0.723
	Dhlc ²	4.52	0.28	12.75	0.671
DW	DBH ²	0.10	0.01	0.92	0.704
	Dhlc ²	0.24	0.22	0.88	0.730
Dhlc²	DBH ²	0.70	1.32	1.37	0.795

Fig. S1 - Ombrothermic diagrams of the two restoration plantations for the period 2008-2018.

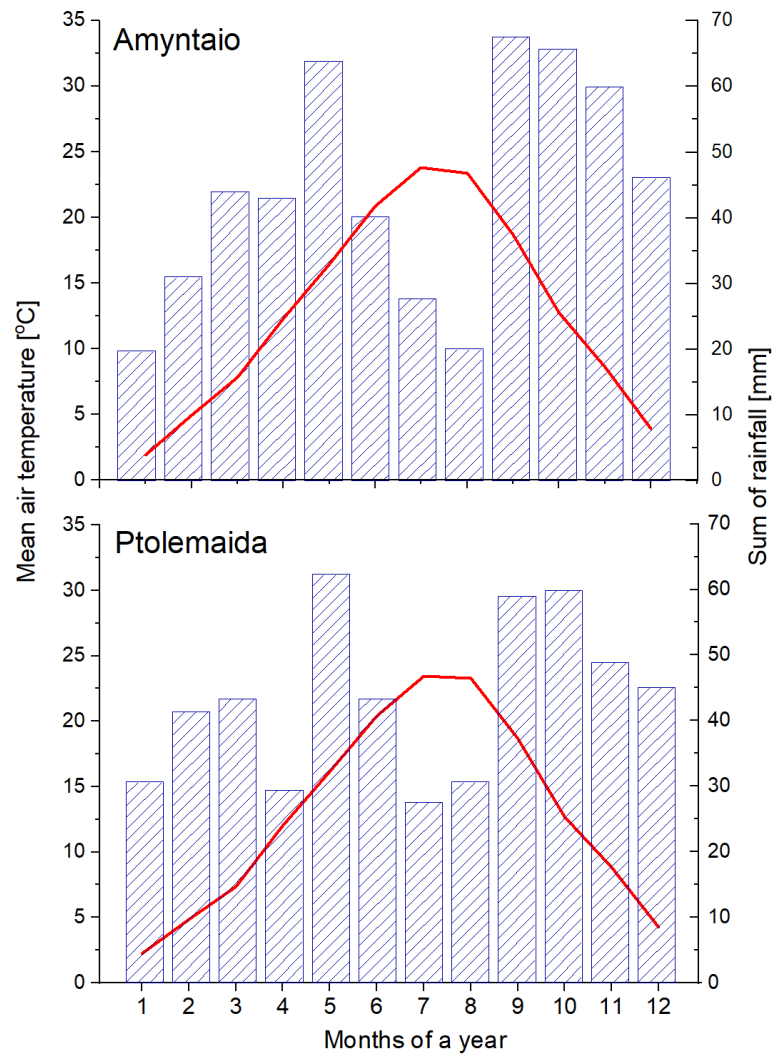


Fig. S2 - Distribution of the diameter at breast height (DBH) and height classes of the 25 felled black locust trees.

