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Supplementary Material

Tab. S1 - Main characteristics of the forest stands.

Plot	Location	Surface area (ha)	Stand structure	Year of last felling	Age of shoots (years)
A1	37° 53' 41" N, 14° 6' 23" E	1	Coppice	2013	1
A2	37° 53' 36" N, 14° 6' 24" E	1	Coppice	2009	6
A3	37° 53' 41" N, 14° 6' 28" E	1	Coppice	1993	20
A4	37° 53' 25" N, 14° 6' 7" E	1	Coppice	1973	40

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Tab. S2 - Applied diversity and structure indices with the respective equations and classes.

Index	Equation	Legend	Range	Classes
Shannon Index (*SH*)	$\sum_{i}^{N}(-\ln p_i)p_i$	N is the number of species; p_i is the relative abundance of the i^{th} species.	$0 \leq SH < \infty$	Low level of diversity: $SH \sim 0$ High level of diversity: $SH >> 0$
Winkelmass Index (*W*)	$W=\frac{1}{n}\sum_{i=n}^{k} W_i$ $W_i=\frac{1}{k}\sum_{j=1}^{k} z_j$ $z_j=1,\ \alpha_j<\alpha_r$ $z_j=0,\ \alpha_j\geq\alpha_r$	n is the number of reference trees; k is the nearest tree to a randomly identified reference tree; α_r is a standard angle between two neighbors equal to 360°/n.	$0 \leq W \leq 1$	Regular distribution of trees: $W \sim 0$ Random distribution of trees: $W \sim 0.5$ Clumped distribution of trees: $W \sim 1$
Vertical Evenness (*VE*)	$VE=\sum_{i}^{n}\ln(N_i)\frac{N_i}{n}$	n is the number of vertical strata; N_i is the relative crown area of all trees in the i^{th} stratum.	$0 \leq VE \leq 1$	Single-storied stands: $VE \sim 0$ Vertically equally distributed trees: $VE = 1$

Tab. S3 - Density of the natural regeneration in the forest stands.

Plot	Species	Regeneration ha^{-1}			
		sprout origin		seed origin	
		h < 130 cm	h ≥ 130 cm, D_{bh} < 4 cm	h < 130 cm	h ≥ 130 cm, D_{bh} < 4 cm
A1- Age 1	Holm oak	22280	0	250	0
	Downy oak	4917	0	125	0
	Manna ash	8250	0	5500	0
	Total	35447	0	5875	0
A2- Age 6	Holm oak	8250	10000	833	0
	Downy oak	1917	0	0	0
	Manna ash	8583	833	2333	0
	Total	18750	10833	3166	0
A3- Age 20	Holm oak	2750	473	0	0
	Manna ash	2250	95	0	0
	Total	5000	568	0	0
A4- Age 40	Holm oak	7750	250	0	0

Tab. S4 - Structural indices calculated for each forest stand.

Plot	*SH* Index	*W* Index	*VE* Index
A1	1.04	0.71	0.37
A2	1.00	0.83	0.75
A3	0.79	0.63	0.76
A4	0.35	0.46	0.82