

Table S2: Means + SE of the variables studied, by species and treatment. **BRO:** Browsed; **UNB:** Unbrowsed.¹

Variable	Units	<i>Fagus</i>		<i>Ilex</i>	
		BRO	UNB	BRO	UNB
Ψ_{pd}	MPa	-0.41 ± 0.04	-0.50 ± 0.07	-0.33 ± 0.03	-0.42 ± 0.04
Ψ_{md}	MPa	-1.68 ± 0.07	-1.76 ± 0.05	-1.03 ± 0.06	-1.04 ± 0.05
A_{area}	$\mu\text{mol m}^{-2} \text{s}^{-1}$	8.59 ± 0.50	9.03 ± 0.28	7.71 ± 0.40	6.33 ± 0.31
g_s	$\text{mol m}^{-2} \text{s}^{-1}$	0.137 ± 0.009	0.122 ± 0.007	0.104 ± 0.007	0.078 ± 0.005
C_i	ppm	277.68 ± 5.09	254.92 ± 5.67	256.00 ± 5.03	249.91 ± 4.46
ETR	$\mu\text{mol m}^{-2} \text{s}^{-1}$	44.69 ± 3.41	47.84 ± 2.16	50.87 ± 2.72	43.20 ± 2.61
iWUE	mol mol^{-1}	64.84 ± 3.08	79.14 ± 3.52	79.20 ± 3.23	83.83 ± 2.79
LMA	g m^{-2}	38.4 ± 1.3	46.3 ± 2.1	144.3 ± 6.3	157.7 ± 7.7
A_{mass}	$\text{nmol g}^{-1} \text{s}^{-1}$	220.1 ± 8.8	201.1 ± 7.5	54.7 ± 2.6	43.5 ± 3.0
[C]	mg g^{-1}	458.31 ± 7.28	466.51 ± 4.35	473.87 ± 4.16	470.06 ± 3.04
[N]	mg g^{-1}	22.95 ± 0.67	21.78 ± 0.48	14.63 ± 0.60	11.52 ± 0.61
$\delta^{13}\text{C}$	‰	-31.74 ± 0.24	-31.13 ± 0.17	-30.38 ± 0.14	-29.91 ± 0.21
$\delta^{15}\text{N}$	‰	-0.99 ± 0.06	-1.23 ± 0.12	-1.33 ± 0.15	-1.93 ± 0.23
RWC	%	0.84 ± 0.02	0.83 ± 0.02	0.85 ± 0.01	0.86 ± 0.01
R_s	%	0.67 ± 0.06	0.75 ± 0.05	0.78 ± 0.04	0.73 ± 0.06
R_a	%	0.33 ± 0.06	0.25 ± 0.05	0.22 ± 0.04	0.27 ± 0.06
π_{100}	MPa	-1.29 ± 0.11	-1.62 ± 0.07	-1.47 ± 0.04	-1.75 ± 0.06

¹ Ψ_{pd} : Predawn leaf water potential; Ψ_{md} : Midday leaf water potential; A_{area} : net photosynthetic rate; g_s : stomatal conductance of water vapor; C_i : intercellular CO₂ concentration; ETR: electronic transport rate; iWUE: intrinsic water-use efficiency; LMA: leaf mass per area; A_{mass} : net photosynthetic rate per unit of leaf dry mass; [C]: carbon concentration; [N]: nitrogen concentration; $\delta^{13}\text{C}$: carbon isotope composition; $\delta^{15}\text{N}$: nitrogen isotope composition; RWC: relative water content at the turgor loss point; R_s : relative symplastic water contents; R_a : relative apoplastic water contents; π_{100} : osmotic potential at full turgor; π_0 : osmotic potential at the turgor loss point; D_w/T_w : dry weight to turgor weight ratio; ϵ_{max} : maximum bulk modulus of elasticity; RD: root depth; RB: root dry biomass; SB: shoot dry biomass; R/S: root to shoot ratio; LA: total leaf area; S_A/LA : stem cross-sectional area to leaf area ratio; S_{ksth17} , S_{ksth18} , S_{ksth19} : 2017, 2018 and 2019 stem theoretical specific hydraulic conductance; R_{ksth17} , R_{ksth18} , R_{ksth19} : 2017, 2018 and 2019 root theoretical specific hydraulic conductance

π_0	MPa	-1.82 $\pm$ 0.14	-2.12 $\pm$ 0.11	-1.84 $\pm$ 0.05	-2.20 $\pm$ 0.07
D_W/T_W	g g ⁻¹	0.42 $\pm$ 0.01	0.45 $\pm$ 0.01	0.35 $\pm$ 0.01	0.38 $\pm$ 0.01
$\varepsilon_{\max}$	MPa	6.62 $\pm$ 0.80	10.82 $\pm$ 1.68	10.07 $\pm$ 1.13	12.61 $\pm$ 1.26
S_A/L_A	x10 ⁻⁴ cm ² cm ⁻²	5.3 $\pm$ 0.4	4.3 $\pm$ 0.6	29.8 $\pm$ 9.6	14.8 $\pm$ 3.9
LA	cm ²	4816 $\pm$ 1225	16522 $\pm$ 3747	1406 $\pm$ 190	4964 $\pm$ 364
Sk_{sth17}	Kg m ⁻¹ s ⁻¹ MPa ⁻¹	4.26 $\pm$ 0.46	4.42 $\pm$ 0.41	0.36 $\pm$ 0.07	0.46 $\pm$ 0.07
Sk_{sth18}	Kg m ⁻¹ s ⁻¹ MPa ⁻¹	4.06 $\pm$ 1.10	3.42 $\pm$ 0.95	0.54 $\pm$ 0.05	0.54 $\pm$ 0.07
Sk_{sth19}	Kg m ⁻¹ s ⁻¹ MPa ⁻¹	1.74 $\pm$ 0.43	1.52 $\pm$ 0.29	0.36 $\pm$ 0.06	0.30 $\pm$ 0.03
SB	g	137.07 $\pm$ 26.99	458.38 $\pm$ 153.08	83.31 $\pm$ 12.21	376.91 $\pm$ 73.96
RB	g	62.68 $\pm$ 9.55	102.13 $\pm$ 16.75	- $\pm$ -	- $\pm$ -
RD	cm	69.7 $\pm$ 6.6	67.3 $\pm$ 12.4	- $\pm$ -	- $\pm$ -
R:S	g g ⁻¹	0.48 $\pm$ 0.1	0.26 $\pm$ 0.1	- $\pm$ -	- $\pm$ -
Rk_{sth17}	Kg m ⁻¹ s ⁻¹ MPa ⁻¹	3.18 $\pm$ 0.22	3.76 $\pm$ 0.66	- $\pm$ -	- $\pm$ -
Rk_{sth18}	Kg m ⁻¹ s ⁻¹ MPa ⁻¹	3.10 $\pm$ 0.84	2.30 $\pm$ 0.60	- $\pm$ -	- $\pm$ -
Rk_{sth19}	Kg m ⁻¹ s ⁻¹ MPa ⁻¹	1.26 $\pm$ 0.26	1.52 $\pm$ 0.24	- $\pm$ -	- $\pm$ -
