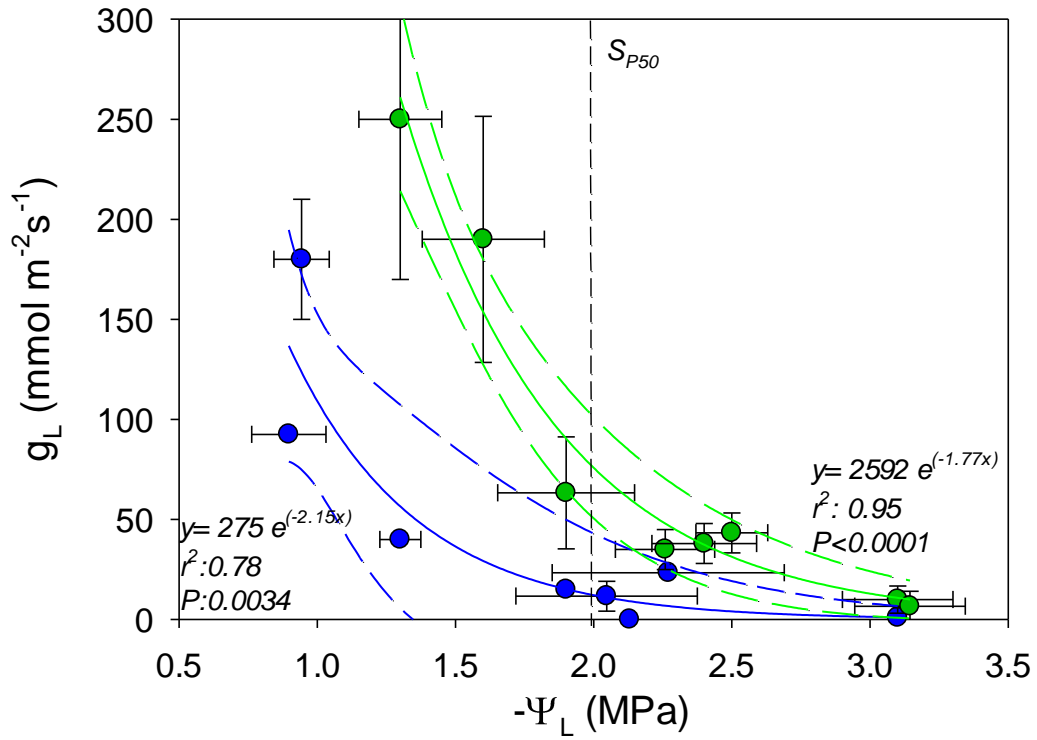**Supplementary Materials**

Figure S1: Relationships between mean ± SD values of midday leaf conductance to water vapour (g_L) and leaf water potential (Ψ_L) as recorded in *S. ceratophyllodes* (blue circle symbols) and *S. officinalis* (green circle symbols) samples during dehydration. Solid and long-dashed lines indicate the best-fit regression curve and corresponding 95% confidence intervals, respectively. Short-dashed line indicate the leaf water potential leading to 50% loss of leaf hydraulic conductance (S_{P50}). Regression equation, correlation coefficient (r^2) and P-values are reported.

Table S1: RWC, PLRC and REL values inducing 50% (i.e., RWC_{50K}, $PLRC_{50K}$, REL_{50K}, respectively) and 80% (i.e, RWC_{80K}, $PLRC_{80K}$ and REL_{80K}, respectively) loss of the plant hydraulic conductance as recorded in *S. ceratophylloides* (Sc) and *S. officinalis* (So) plants. Confidence intervals (CI) are also reported.

	Leaf	2.5% CI	97.5% CI		Stem	2.5% CI	97.5% CI		Root	2.5% CI	97.5% CI
	RWC_{50K}	2.5% CI	97.5% CI		RWC_{50K}	2.5% CI	97.5% CI		RWC_{50K}	2.5% CI	97.5% CI
Sc	64	75	54		67,5	74	62		64	54	69
So	67,5	71	64		62	65,5	58		60	65	52,5
	RWC_{80K}	2.5% CI	97.5% CI		RWC_{80K}	2.5% CI	97.5% CI		RWC_{80K}	2.5% CI	97.5% CI
Sc	35	48	16		44	55	40		38	44	31,5
So	56	61	51		50	55	42,5		31	40	21
	$PLRC_{50K}$	2.5% CI	97.5% CI		$PLRC_{50K}$	2.5% CI	97.5% CI		$PLRC_{50K}$	2.5% CI	97.5% CI
Sc	14	0	50		15	10	21		15	9	25
So	6	4,5	14		14	9	17,5		15	9	24
	$PLRC_{80K}$	2.5% CI	97.5% CI		$PLRC_{80K}$	2.5% CI	97.5% CI		$PLRC_{80K}$	2.5% CI	97.5% CI
Sc	50	14	n.d.		34	21	n.d.		39	25	56
So	19	9	n.d.		24	18	34		30	20	n.d.
	REL_{50K}	2.5% CI	97.5% CI		REL_{50K}	2.5% CI	97.5% CI		REL_{50K}	2.5% CI	97.5% CI
Sc	16	13	25		25,5	20,5	31		30	26	37,5
So	21	15,5	30		26	21	32,5		32,5	29	39
	REL_{80K}	2.5% CI	97.5% CI		REL_{80K}	2.5% CI	97.5% CI		REL_{80K}	2.5% CI	97.5% CI
Sc	31	20	n.d.		38	32	n.d.		51	41	69
So	35	24	n.d.		39	32,5	50		55	45	70