Table S1. Coefficients of correlation (Pearson's test) among the leaf investigated parameters: daily fluctuation of titratable acidity, TA; effective quantum yield of PSII photochemistry, Φ_{PSII}; regulated energy dissipation, Φ_{NPQ}; non-regulated energy dissipation, Φ_{NO}; electron transport rate, ETR; photochemical quenching, qL; maximum photochemical efficiency of PSII, F_v/F_m; hydrogen peroxide, H_2O_2; superoxide dismutase, SOD; peroxidase, POD; catalase, CAT; water-soluble antioxidants, WS-Antiox; lipo-soluble antioxidants, LS-Antiox; poly(ADP-Ribose) polymerase, PARP.

	TA	**Φ_{PSII}**	**Φ_{NPQ}**	**Φ_{NO}**	**ETR**	**qL**	**F_v/F_m**	**H_2O_2**	**SOD**	**POD**	**CAT**	**WS-Antiox**	**LS-Antiox**	**PARP**
TA	1	0.659	-0.361	-0.606	0.657	0.170	0.553	-0.445	0.355	0.368	0.404	-0.282	-0.243	0.257
Φ_{PSII}		1	-0.369	**-0.968**	**1**	-0.544	**0.974**	**-0.815**	-0.0326	-0.141	-0.095	0.283	0.401	-0.305
Φ_{NPQ}			1	0.125	-0.369	-0.196	-0.172	0.511	-0.256	-0.234	-0.237	0.452	0.332	-0.191
Φ_{NO}				1	**-0.968**	0.634	**-0.994**	0.732	0.104	0.214	0.165	-0.436	-0.534	0.132
ETR					1	-0.546	**-0.974**	**-0.816**	-0.0339	-0.143	-0.0964	0.284	0.403	-0.0764
qL						1	-0.689	0.468	0.462	0.517	0.488	-0.475	-0.580	0.326
F_v/F_m							1	-0.773	-0.149	-0.262	-0.217	0.455	0.570	-0.130
H_2O_2								1	0.462	0.517	0.488	-0.475	-0.580	-0.383
SOD									1	**0.980**	**0.987**	**-0.988**	**-0.967**	-0.507
POD										1	**0.997**	**-0.983**	**-0.970**	-0.364
CAT											1	**-0.975**	**-0.968**	-0.378
WS-Antiox												1	**0.973**	0.352
LS-Antiox													1	0.251
PARP														1

Data are means (n=10) ± SE. The significant Pearson's correlation coefficients are reported in bold ($p \leq 0.05$).