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Supplementary Material

Sex-specific structural and functional leaf traits and sun–shade acclimation in the dioecious tree *Pistacia vera* (Anacardiaceae)

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Table S1. Spearman bivariate correlations for each pair of traits irrespectively of sex and irradiance regime

N=20, Correlation coefficients are presented at the lower semi matrix and significance at the upper semi matrix. * $P < 0.05$, ** $P < 0.01$ and red values are non-significant. **Abbreviations:** LA, total leaf area; LMA, leaf mass per area; LD, leaf density; LT, leaf thickness; TCA, total conducting area of xylem vessels in petioles; SD, stomatal density; $A_{\max,a}$, net photosynthetic capacity per area; $A_{\max,m}$, net photosynthetic capacity per mass; E, transpiration rate; g_s , stomatal conductance; WUE_i , intrinsic water use efficiency; CT, concentration of condensed tannins; N_m , leaf nitrogen content per mass; N_a , leaf nitrogen content per area; Ph_m , total phenolics content per mass; Chl, chlorophyll concentration

	LA	LMA	LD	LT	TCA	SD	$A_{\max,a}$	$A_{\max,m}$	E	g_s	WUE_i	CT	N_m	Ph_m	Chl
LA		0.099	0.420	**	**	**	0.645	0.150	0.443	0.478	*	0.880	0.192	**	0.132
LMA	0.379		**	**	**	**	**	0.116	**	**	0.195	**	0.300	0.990	0.691
LD	0.191	0.965		**	**	0.137	**	0.116	**	**	0.313	**	0.161	0.677	0.439
LT	0.636	0.799	0.644		**	**	*	0.352	**	**	0.057	**	0.661	0.354	0.342
TCA	0.811	0.702	0.603	0.752		**	0.177	0.443	*	*	*	0.289	0.932	0.053	0.193
SD	-0.803	-0.508	-0.344	-0.767	-0.791		0.985	0.212	0.323	0.210	**	0.548	0.811	*	0.539
$A_{\max,a}$	0.110	0.722	0.696	0.513	0.314	0.005		**	**	**	0.268	**	0.875	*	0.710
$A_{\max,m}$	-0.334	0.362	0.362	0.220	-0.182	0.292	0.755		**	**	*	**	0.361	**	0.860
E	0.182	0.848	0.812	0.719	0.451	-0.233	0.851	0.630		**	0.930	**	0.331	0.170	0.719
g_s	0.168	0.914	0.889	0.753	0.513	-0.293	0.838	0.600	0.922		0.420	**	0.331	0.364	0.890
WUE_i	-0.463	-0.302	-0.238	-0.433	-0.531	0.641	0.260	0.537	-0.021	-0.191		0.544	0.900	**	0.965
CT	0.036	0.707	0.663	0.654	0.250	-0.143	0.839	0.701	0.869	0.830	0.144		0.613	*	0.965
N_m	0.305	-0.244	-0.326	-0.105	0.020	-0.057	-0.038	-0.216	-0.229	-0.229	-0.030	-0.120		0.912	0.877
Ph_m	-0.569	-0.003	0.099	-0.219	-0.439	0.519	0.445	0.684	0.320	0.214	0.633	0.493	0.026		0.508
Chl	-0.349	0.095	0.183	-0.224	-0.304	0.146	-0.089	-0.042	-0.086	-0.033	-0.011	0.011	-0.037	0.157	