

Table 2 Pearson correlation matrix of gas exchange parameters with leaf water potential of *D. gangeticum* genotypes

	Leaf conductance (g <sub>s</sub> )	Photosynthetic Rate (P <sub>n</sub> )	Transpir ation rate	Pre-dawn WP	Dusk WP	Noon WP	Leaf biomass	Stem biomass	Root biomass	Total biomass
Leaf Conductance (g <sub>s</sub> )	1.00									
Photosynthetic Rate (P <sub>n</sub> )	0.68*	1.00								
Transpiration rate	0.97*	0.75**	1.00							
Pre-dawn WP	0.03	0.02	0.09	1.00						
Dusk WP	0.18	0.07	0.27*	0.44*	1.00					
Noon WP	-0.28*	-0.26*	-0.36*	0.11	-0.11	1.00				
Leaf biomass	-0.12	0.03	-0.16	0.09	-0.28	0.14	1.00			
Stem biomass	-0.04	0.09	-0.03	0.04	-0.18	0.05	0.76**	1.00		
Root biomass	-0.09	0.00	-0.13	-0.10	-0.27	0.11	0.71**	0.82**	1.00	
Total biomass	-0.08	0.06	-0.09	0.06	-0.24	0.10	0.91**	0.96**	0.85**	1.00

Note: \* significant at p=0.05, \*\* significant at p=0.01