Table 1 Suppl. Linear correlations (the Pearson's coefficient) measured between Si content in roots, stems and leaves, and transpiration rate (E), net photosynthetic rate (P_N), internal CO2 concentration (c_i), stomatal conductance (g_s), water use efficiency (WUE) and relative water content (RWC) in *Glycyrrhiza uralensis* (** - correlation is significant at 0.01 probability, * - correlation is significant at 0.05 probability).

Pearson correlation	E	P_N	c_i	g_s	WUE	RWC
Si content in root	-0.336	-0.365	-0.334	-0.18	-0.407	0.062
Si content in stem	0.781*	0.755*	0.753*	0.584	0.675	0.687**
Si content in leaf	0.424	0.478	0.377	0.712*	0.866**	0.445

Table 2 Suppl. Linear correlations (the Pearson's coefficient) measured between leaf, stem and root dry masses, total dry mass, and leaf area and transpiration rate (E), net photosynthetic rate (P_N), internal CO2 concentration (c_i), stomatal conductance (g_s), water use efficiency (WUE) and relative water content (RWC) in *Glycyrrhiza uralensis* (** - correlation is significant at 0.01 probability, * - correlation is significant at 0.05 probability).

Pearson correlation	E	P_N	c_i	g_s	WUE	RWC
Leaf dry mass	0.791*	0.854*	0.785*	0.871**	0.835*	0.160
Stem dry mass	0.771*	0.914**	0.761*	0.830*	0.819*	0.777**
Root dry mass	0.704	0.810*	0.691	0.863**	0.81*	0.899**
Total dry mass	0.876**	0.845*	0.867**	0.673	0.68*	-0.052
Leaf area	0.785*	0.872*	0.776*	0.880**	0.809*	0.435