

Table S1. Soil physical and chemical properties under mycorrhizal fungi reclamation and re-vegetation types.

		pH	SOC	TN	TP	C:N	C:P	N:P	EEG	HD	MC
AF	FM	7.83±0.04cd	7.83±0.39a	0.51±0.02c	0.29±0.02b	15.36±1.18ab	27.08±2.63a	1.76±0.05b	1.79±0.16b	3.42±0.44a	78.23±2.12a
	CK	8.22±0.10a	6.98±0.11b	0.42±0.03d	0.25±0.03cd	16.50±1.22a	27.05±2.49a	1.70±0.11bc	0.96±0.03ef	2.08±0.17cde	32.54±1.11d
HR	FM	7.53±0.09e	6.13±0.48c	0.65±0.03a	0.26±0.01c	9.45±0.70g	23.56±2.29b	2.49±0.10a	2.22±0.29a	2.87±0.69ab	70.23±0.98bc
	CK	7.86±0.16c	5.02±0.15d	0.57±0.03b	0.24±0.02cd	9.13±0.26g	21.42±0.75b	2.41±0.19a	1.16±0.16cde	1.82±0.69de	26.45±1.77e
XS	FM	7.83±0.12cd	4.75±0.54de	0.36±0.05e	0.23±0.01d	13.20±0.43cd	20.92±3.23b	1.59±0.27bc	1.39±0.05c	2.49±0.25bcd	71.23±3.81b
	CK	8.05±0.04b	3.03±0.07g	0.29±0.01f	0.19±0.01e	10.47±0.62ef	15.53±0.01c	1.48±0.09c	0.82±0.10f	1.68±0.50e	24.84±0.52e
CH	FM	7.69±0.07d	4.27±0.37ef	0.37±0.05de	0.32±0.00b	11.56±0.57de	13.44±1.32cd	1.17±0.17d	1.27±0.03cd	2.65±0.24bc	68.27±2.45bc
	CK	8.16±0.07ab	2.67±0.08g	0.21±0.02g	0.30±0.01b	12.76±0.97cd	8.91±0.56e	0.70±0.06e	0.79±0.06f	1.46±0.07e	25.88±0.68e
CS	FM	7.70±0.08cd	3.75±0.46f	0.32±0.04ef	0.36±0.02a	11.66±1.56de	10.33±1.17de	0.89±0.06e	1.13±0.03de	2.58±0.17bc	67.33±1.45c
	CK	8.17±0.06ab	2.78±0.05g	0.20±0.02g	0.30±0.02b	14.38±1.35bc	9.33±0.78e	0.67±0.04e	0.73±0.16	1.14±0.08e	24.23±1.54e
P(V)		**	**	**	**	**	**	**	**	**	**
P(M)		**	**	**	**	*	**	**	**	**	**
P(V*M)		-	*	*	-	**	*	*	**	-	*

AF, *Amorpha fruticosa*; HR, *Hippophae rhamnoides*; XS, *Xanthoceras sorbifolium*; CH, *Cerasus humilis*; CS, *Cerasus szechuanica*; SOC, soil organic carbon; TN, total nitrogen; TP, total phosphorus; C:N, the ratio of soil C:N; C:P, the ratio of soil C:P; N:P, the ratio of soil N:P; EEG, easily extractable glomalin; HD, hyphal density; MC, mycorrhizal colonization; Values are means and standard errors from three replicates, different letters indicate significant differences among treatments ;P(M): difference among groups with *Funneliformis mosseae*, P(V): difference among groups among revegetation type, P(FM*RD): interaction of *Funneliformis mosseae* and revegetation type, ** (p<0.01), * (p<0.05), NS: no significance, the same below..