

Table S1 Productivity estimation models for different species. B indicates productivity (g m⁻²), H indicates height (cm), and D indicates plant density (number/m²).

Species	Equation	r^2	p	n
<i>L. chinensis</i>	$B = 0.0102HD + 4.13$	0.84	<0.001	43
<i>S. krylovii</i>	$B = 0.1017HD + 3.6588$	0.82	<0.001	50
<i>Cleistogenes squarrosa</i>	$B = 0.0304HD + 0.8655$	0.52	<0.001	47
<i>Convolvulus ammannii</i>	$B = 0.0106HD + 0.0811$	0.88	<0.001	26
<i>Thalictrum petaloideum</i>	$B = 0.0271HD + 0.0477$	0.93	<0.001	20
Others	$B = 0.0598HD + 0.0068$	0.49	<0.001	29

Figure S1. A schematic diagram of the experimental arrangement

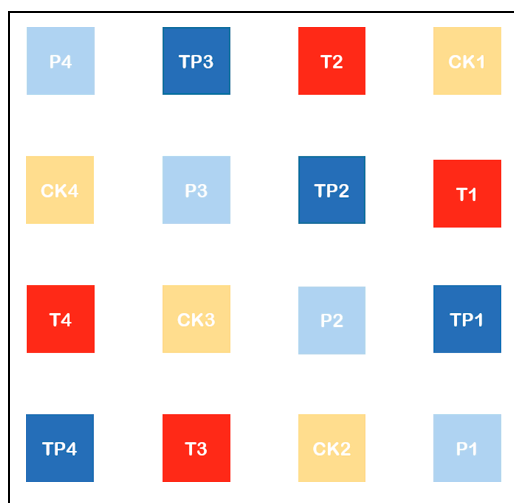


Figure S2 Changes of niche values of dominant species over time

