

Table S1. Content of mineral elements in the root soil of *D. brandisii*

Time	Mineral elements in the root soil						
	Zn (mg·100g <sup>-1</sup> )	Fe (ug·100g <sup>-1</sup> )	Ca (mg·g <sup>-1</sup> )	AK (ug·g <sup>-1</sup> )	K (mg·g <sup>-1</sup> )	AP (ug·g <sup>-1</sup> )	P (mg·g <sup>-1</sup> )
March 10	<b>0.805±0.309a</b>	8.463±3.260a	<b>3.007±0.384b</b>	<b>74.540±30.363a</b>	<b>0.824±0.490b</b>	19.292±14.531a	0.262±0.220a
July 30	<b>0.344±0.288b</b>	8.188±4.731a	<b>4.289±0.210a</b>	<b>56.332±16.553b</b>	<b>1.234±0.377a</b>	20.694±13.793a	0.258±0.096a

The time 'March 10 and July 30' mean an early stage and a flourishing stage of bamboo shoots emerging, respectively. The difference in mineral elements content between two time points was determined using a t-test, and the significant results ( $p < 0.05$ ) were indicated by different letters.