

Supplementary Materials

Table S1. Lianas and host tree species sampled in this study (BD: basal diameter, cm, DBH: Diameter at breast height, cm).

Lianas			Host trees		
Species	Family	BD	Species	Family	DBH
<i>Actinidia chinensis</i>	Actinidiaceae	8.1	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	16.4
		5.9	<i>Celtis koraiensis</i>	Cannabaceae	16.6
		5.4	<i>Acer davidii</i>	Sapindaceae	12.1
		7.5	<i>Acer davidii</i>	Sapindaceae	20.4
		4.8	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	26.8
		7.8	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	25.1
		2.7	<i>Acer stachyophyllum</i>	Sapindaceae	13.0
<i>Akebia trifoliata</i>	Lardizabalaceae	4.1	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	14.5
		2.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	10.2
		4.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	16.7
		3.0	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	30.4
		1.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	8.2
		2.1	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	7.3
		3.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	18.0
		3.2	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	18.5
		3.2	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	31.7
		2.1	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	14.1
		3.2	<i>Acer davidii</i>	Sapindaceae	10.7
		3.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	15.7
		2.4	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	9.5
		2.9	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	27.0
		0.8	<i>Acer davidii</i>	Sapindaceae	3.9
<i>Celastrushypoleucus</i>	Celastraceae	13.0	<i>Lindera obtusiloba</i>	Lauraceae	27.0
		3.0	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	18.6
<i>Celastrushypoleucus</i>	Celastraceae	6.8	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	14.5
		8.4	<i>Acer davidii</i>	Sapindaceae	26.8
		4.3	<i>Acer davidii</i>	Sapindaceae	20.7

		4.8	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	22.8
		6.4	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	40.2
		5.2	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	33.9
		3.4	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	21.4
		5.2	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	26.5
		6.2	<i>Lindera obtusiloba</i>	Lauraceae	14.8
		3.9	<i>Quercus mongolica</i>	Fagaceae	20.0
		5.4	<i>Salix matsudana</i>	Salicaceae	32.0
		5.3	<i>Betula albosinensis</i>	Betulaceae	30.1
		4.2	<i>Betula albosinensis</i>	Betulaceae	18.0
		1.1	<i>Populus purdomii</i>	Salicaceae	40.0
<i>Schisandra sphenanthera</i>	Schisandraceae	4.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	31.3
		3.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	30.8
		5.3	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	39.1
		3.8	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	33.0
		3.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	13.4
		5.6	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	37.9
		4.9	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	37.6
		2.6	<i>Acer davidii</i>	Sapindaceae	13.9
		2.8	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	23.3
		4.3	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	22.0
		3.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	30.8
		5.6	<i>Populus purdomii</i>	Salicaceae	31.0
		3.5	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	21.9
		3.8	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	26.0
		3.9	<i>Acer davidii</i>	Sapindaceae	17.8
		2.6	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	42.6
<i>Vitis piasezkii</i>	Vitaceae	9.7	<i>Quercus aliena</i> var. <i>acutiserrata</i>	Fagaceae	29.2
		9.2	<i>Padus avium</i>	Rosaceae	23.6
		4.3	<i>Fraxinus chinensis</i>	Oleaceae	13.4
		3.5	<i>Salix matsudana</i>	Salicaceae	51.0
		5.1	<i>Prunus polytricha</i>	Rosaceae	14.0
		5.3	<i>Salix matsudana</i>	Salicaceae	25.0
		2.9	<i>Populus purdomii</i>	Salicaceae	25.2

Table S2. Differences in slope and shifts in elevation (intercept) between all sampled lianas ($n = 61$) and trees ($n = 61$).

Traits		Slope		Elevation	
X	Y	Lianas	Trees	Lianas	Trees
L _{th}	LA	1.92	-3.43	4.97	-4.63
L _{th}	LDMC	-1.09	0.52	-2.53	0.59
L _{th}	LCC	0.24	-0.34	3.01	1.99
L _{th}	WD	-0.51	0.61	-3.12	-0.98
L _{th}	SRL	-0.72	-1.47	1.01	-0.5
LA	LDMC	-0.57	-0.15	0.26	0.12
LA	LNC	0.27	0.27	0.97	0.95
LA	LCC	0.12	0.11	2.4	2.45
LA	WD	0.26	0.18	-2.64	-2.47
LDMC	LMA	0.43	1.96	-2.11	-1.49
LDMC	SLA	-0.44	-1.95	2.11	1.31
LDMC	LNC	0.48	-1.79	1.69	0.73
LDMC	LCC	0.22	0.65	2.73	2.9
LDMC	WD	0.46	1.15	-1.95	-1.66
LMA	SLA	-1.02	-0.99	-0.04	0.01
LMA	LNC	1.12	-0.91	4.05	-0.63
LMA	LCC	0.5	-0.33	3.78	1.89
LMA	WD	1.08	-0.59	0.33	-3.48
SLA	LNC	-1.1	0.92	4.01	-0.64
SLA	LCC	-0.49	-0.33	3.76	1.88
SLA	WD	-1.06	0.59	0.29	-3.48
SLA	RCC	-0.46	-0.49	3.71	3.75
LNC	LCC	0.45	0.36	1.97	2.11
LNC	WD	0.96	0.65	-3.58	-3.3
LNC	RNC	-1.37	-1.57	3.17	3.54
LCC	WD	2.16	1.79	-7.82	-6.84
RNC	RCC	0.31	0.34	2.23	2.2

Note: Significant differences ($P < 0.05$) are indicated by the superscripts and marked in bold. For explanation of abbreviations, see Table 1.

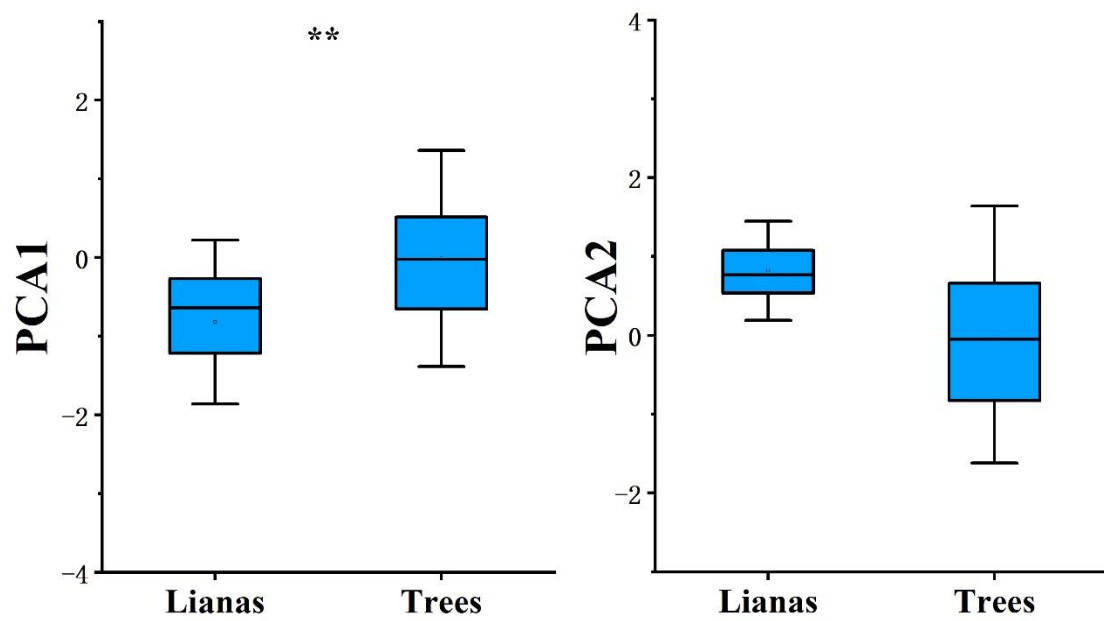


Figure S1. Differences between lianas and host trees in the first and second component scores for the forest. Asterisks indicate statistically significant difference between lianas and host trees at $\alpha < 0.001$.