

Ecography

E6869

Qiao, X., Tang, Z., Shen, Z. and Fang, J. 2011. What causes geographical variation in the species–area relationships? A test from forests in China. – *Ecography* 34: xxx–xxx.

Supplementary material

Appendix 1. Number of species, vegetation type, and information on geographic locations for the nested plots in China's forests.

Site	Lat.	Long.	Alt.	Forest type	Area (m ²)		Species richness			
	(°N)	(°E)	(m)		Min	Max	All	Tree	Shrub	Herb
Mt. Jianfengling	18.67	108.83	790	RAIN	0.25	10000	472	216	169	87
Xishuangbanna	21.96	101.20	730	RAIN	0.25	10000	542	233	226	83
Mt. Dinghu	23.17	112.53	300	EGBL	0.25	10000	198	70	77	51
Mt. Ailao	24.54	101.02	2488	EGBL	0.25	10000	217	41	66	110
Mt. Gongga01	29.83	101.67	2800	EGCF	25	2500	101	10	24	67
Mt. Gongga02	29.83	101.67	2400	CBLM	25	2500	224	38	60	126
Mt. Gongga03	29.83	101.67	2000	EGBL	25	2500	216	31	74	111
Mt. Gongga04	29.83	101.67	1600	EGBL	25	2500	216	9	64	143
Mt. Shennongjia01	31.40	110.33	700	EGBL	100	5000	308	72	95	141
Mt. Shennongjia02	31.40	110.33	1450	EBLM	100	5000	329	75	83	171
Mt. Shennongjia03	31.40	110.33	2050	BLDF	100	5000	286	72	72	142
Mt. Shennongjia04	31.40	110.33	2450	CBLM	100	5000	207	37	34	136
Mt. Shennongjia05	31.40	110.33	2800	EGCF	100	5000	137	19	13	105
Mt. Qingling01	34.09	107.70	1500	BLDF	0.25	5000	112	13	40	59
Mt. Qingling02	33.98	107.75	2100	BLDF	0.25	5000	113	8	35	70
Mt. Qingling03	34.04	107.70	2450	BLDF	0.25	5000	111	8	31	72
Mt. Qingling04	33.98	107.75	2800	BLDF	0.25	5000	107	4	24	79
Mt. Qingling05	33.98	107.75	3000	EGCF	0.25	5000	70	4	17	49
Mt. Qingling06	33.98	107.75	3150	DCF	0.25	5000	107	3	16	88
Mt. Qingling07	33.88	107.81	1520	BLDF	0.25	4600	82	13	28	41
Mt. Qingling08	33.90	107.77	2850	BLDF	0.25	5000	65	7	9	49
Mt. Qingling09	33.91	107.78	3070	EGCF	0.25	4000	48	5	11	32
Mt. Qingling10	33.92	107.78	3200	DCF	0.25	5000	58	5	10	43
Mt. Taihang	35.46	112.4	1780	BLDF	0.25	5000	83	15	27	41
Mt. Wuling01	40.32	117.25	1380	BLDF	0.25	5000	64	7	13	44
Mt. Wuling02	40.32	117.25	1800	DCF	0.25	3400	114	4	26	84
Mt. Changbai 01	42.38	128.09	793	CBLM	0.25	10000	244	31	49	164
Mt. Changbai02	42.18	128.15	1160	EGCF	0.25	5000	72	13	17	42

Mt. Changbai03	42.06	128.07	1965	BLDF	0.25	5000	54	2	11	41
Mt. Xiaoxing'an	47.33	128.95	440	CBLM	1000	5000	95	18	19	58
Mt. Daxing'an01	51.84	122.83	923	DCF	0.25	5000	38	4	19	15
Mt. Daxing'an02	51.86	122.72	1048	DCF	0.25	5000	10	2	6	2

Abbreviations for the forest types: RAIN: Tropical rain forest; EGBL: Evergreen broad-leaved forest; CBLM: Coniferous & deciduous broad-leaved mixed forest; EBLM: Evergreen and deciduous broad-leaved mixed forest; BLDF: Broad-leaved deciduous forest; EGCF: Evergreen coniferous forest; DCF: Deciduous conifer forest.