

Table S2 Details of *Engelhardia* populations used in molecular analysis, sample size (n), cpDNA haplotypes (*H*) and nrDNA ribotypes (*R*) observed.

Species	Collection site	Geographical coordinates, altitude	Code	n	<i>H</i>	<i>R</i>
<i>E. spicata</i> var. <i>spicata</i>	Dongpo Garden, Longling, Yunnan	N24° 35'18", E98° 42'04"; 1573m	Y01	10	12	26
	Banhong, Cangyuan, Yunnan	N23° 17'29", E99° 07'31"; 1447m	Y02	10	5, 6	27
	Putao, Northern Myanmar	N21° 20'18", E95° 04'57"	M01	17	15	28
	Victoria Hills, Arakan Yoma, Myanmar	N21° 04'38", E96° 10'37"	M02	14	2	28
	Bang Xinxiang, Motuo, Tibet	N29° 31'43", E95° 25'03"; 1496m	T01	10	20	1
	Beibeng, Motuo, Tibet	N29° 15'03", E95° 10'47"; 823m	T02	2	20	1
	Manlai, Yuanjiang, Yunnan	N23° 22'48", E101° 28'12"; 1732m	Y03	13	12,14	3
	Kele, Maguan, Yunnan	N23° 06'23", E104° 19'33"; 1444m	Y04	12	16	8
	Diding, Jingxi, Guangxi	N23° 07'20", E105° 59'04"; 870m	G01	12	16	8
	Daxueshan Mts., Yongde, Yunnan	N24° 05'25", E99° 44'45"; 1774m	Y05	13	12,13	29
	Chiang Mai, Thailand	N18° 31'41", E98° 29'49"; 1674m	A01	3	16	8
	Danau lake, Sumatra, Indonesia	N02° 29'03", E98° 18'12"; 1197m	I01	12	17	30
	Northern Myanmar	N21° 13'11", E93° 55'54"	M03	6	15	4
	Victoria Hills, Arakan Yoma, Myanmar	N21° 04'38", E96° 10'37"; 2871m	M04	5	15	4
	Fadou, Xichou, Yunnan	N23° 22'22", E104° 46'13"; 1547m	Y06	8	10	13
	Diding, Jingxi, Guangxi	N23° 07'22", E105° 59'04"; 870m	G02	5	16	8
	Kebun, Djakarta, Indonesia	S06° 26'38", E107° 00'10"; 1351m	I02	8	21	32
	Coban trisula, Java, Indonesia	S08° 00'11", E112° 31'18"; 1505m	I03	17	18,19	31
	West Line, Northern Myanmar	N21° 13'11", E93° 55'54"	M05	13	3	4
	Lam Dung, Vietnam	N12° 01'45", E108° 08'21"; 567m	V01	7	4	5
<i>E. spicata</i> var. <i>aceriflora</i>	Menglian, Tengchong, Yunnan	N24° 52'21", E98° 35'08"; 1848m	Y07	4	5	6
	Xima, Yingjiang, Yunnan	N24° 47'33", E97° 42'33"; 1782m	Y08	5	6	7
	Ximeng, Pu-er, Yunnan	N22° 42'30", E99° 31'20"	Y09	10	5	8
	Lancang, Pu-er, Yunnan	N22° 33'43", E99° 56'19"	Y10	11	6,7	9,10
	Anding, Jingdong, Yunnan	N24° 43'05", E100° 38'08"; 1412m	Y11	13	6	1
	Shangjiang, Lushui, Yunnan	N25° 39'13", E98° 50'20"; 1121m	Y12	8	1,2	1
	Daxueshan Mts., Yongde, Yunnan	N24° 05'15", E99° 45'12"; 1468m	Y13	11	2	2
	Weixin, Jinggu, Yunnan	N23° 27'28", E100° 48'26"; 1443m	Y14	1	2	3
	Wenbu, Jingdong, Yunnan	N24° 29'42", E100° 46'48"; 1392m	Y15	2	2	3
	Pu-er, Yunnan	N22° 49'52", E100° 58'21"	Y16	11	9,10	3
	Wenshan, Yunnan	N23° 21'46", E104° 16'55"; 1421m	Y17	13	11	3
	Baisha, Tianyang, Guangxi	N23° 46'31", E106° 55'50"; 142m	G03	10	11	3
	Lixia, Luodian, Guizhou	N25° 24'20", E106° 48'08"; 661m	U01	13	2	3
	Dewo, Anlong, Guizhou	N24° 58'57", E105° 16'30"; 840m	U02	13	2	3
	Lizhuang, Mianning, Sichuan	N28° 13'51", E101° 51'45"; 1445m	S01	13	8	3
<i>E. spicata</i> var. <i>colebrookeana</i>	Caochang, Miyi, Sichuan	N26° 58'06", E102° 08'32"; 1134m	S02	13	1	3
	Longyang, Baoshan, Yunnan	N25° 23'09", E99° 17'32"; 1292m	Y18	11	1,2	3
	Laimao, Lushui, Yunnan	N25° 49'44", E98° 50'58"; 990m	Y19	13	1	3
	Daxueshan Mts., Yongde, Yunnan	N24° 06'49", E99° 49'20"; 1016m	Y20	12	1,2	3
	Phong NaKe Bang, Vietnam	N17° 38'53", E106° 05'21"; 479m	V02	10	34	24
	Jianfengling, Hainan	N18° 44'47", E108° 51'09"; 849m	H01	13	35	22
	Longtan, Pu-er, Yunnan	N22° 47'20", E100° 58'48"	Y21	9	39	18
	Victoria Hills, Arakan Yoma, Myanmar	N21° 04'38", E96° 10'37"	M06	5	36	23
	Huangpaoshan Mts, Shangsi, Guangxi	N21° 58'04", E108° 02'08"; 227m	G04	15	37,39	18
<i>E. roxburghiana</i>						

	Luofushan Mts., Boluo, Guangdong	N23° 15'40", E114° 03'30"; 96m	D01	12	38	22
	Qingtang, Daoxian, Hunan	N25° 29'43", E111° 23'03"; 477m	N01	12	38	25
	Bajiao, Enshi, Hubei	N30° 07'36", E109° 24'53"; 635m	B01	14	32	18
	Yulongsi, Dazu, Chongqing	N29° 33'20", E105° 52'03"; 702m	C01	14	39	18,19
	Zhujiashan, Weng-an, Guizhou	N26° 58'08", E107° 37'20"; 985m	U03	14	32	18
	Hongxing, Ya-an, Sichuan	N30° 09'40", E103° 16'45"; 701m	S03	10	39	20
	Taman, Sumatra, Indonesia	N00° 02'48", E100° 25'08"; 633m	I04	8	33	21
<i>E. fenzelii</i>	Gongyashan Mts., Hua-an, Fujian	N24° 55'10", E117° 24'43"; 995m	F01	9	27	14
	Tianmenshan Mts., Yongtai, Fujian	N25° 49'16", E119° 00'32"; 410m	F02	15	27	14
	Huanggang, Wuyishan, Fujian	N27° 51'12", E117° 53'13"; 579m	F03	14	27	14
	Shoushan, Pingnan, Fujian	N26° 57'07", E119° 09'02"; 695m	F04	15	27	14
	Dongyinsi, Longquan, Zhejiang	N27° 58'05", E118° 58'51"; 419m	Z01	10	27	14
	Jinzifeng, Qingyuan, Zhejiang	N27° 39'38", E119° 00'50"; 531m	Z02	12	27	14
	Wuyanling, Taishun, Zhejiang	N27° 42'36", E119° 40'31"; 654m	Z03	11	27	14
	Yantan, Yongjia, Zhejiang	N28° 32'17", E120° 42'39"; 278m	Z04	11	27	14
	Longhushan Mts., Yingtan, Jiangxi	N28° 04'38", E116° 56'45"; 76m	J01	15	27	14
	Jindong, Qiyang, Hunan	N26° 15'38", E112° 04'14"; 127m	N02	11	28	14
<i>E. serrata</i> var. <i>cambodica</i>	Menghai, Yunnan	N21° 57'39", E100° 20'15"	Y22	12	22	11
	Pu-er, Yunnan	N22° 49'52", E100° 58'21"	Y23	19	24,25	11
	Ximeng, Pu-er, Yunnan	N22° 42'30", E99° 31'20"	Y24	2	26	11
	Huimin, Lancang, Yunnan	N24° 06'53", E99° 38'51"	Y25	6	26	11
	Niukong, Lvchun, Yunnan	N23° 00'18", E102° 09'36"; 1190m	Y26	8	24	11
	Weixin, Jinggu, Yunnan	N23° 27'28", E100° 48'26"; 1443m	Y27	3	22	11
<i>E. serrata</i> var. <i>serrata</i>	Border line, Sulawesi, Indonesia	S02° 08'22", E120° 27'55"; 1291m	I05	14	23	12
<i>E. rigida</i>	Wateh, Sumatra, Indonesia	S01° 00'24", E100° 46'22"; 1591m	I06	2	30	16
<i>E. apoensis</i>	Border line, Sulawesi, Indonesia	S02° 08'31", E120° 28'23"; 1314m	I07	2	31	17
<i>E. hainanensis</i>	Bawangling, Hainan	N19° 04'57", E109° 11'58"; 948m	H02	5	29	15