

# Supplementary Materials: Forest Biomass and Net Primary Productivity in Southwestern China: A Meta-Analysis Focusing on Environmental Driving Factors

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**Table S1.** Species composition, stand age, biomass, net primary productivity (NPP), leaf area index (LAI), mean annual temperature (MAT), and mean annual precipitation (MAP) of the 411 sampling forests (including 14 SEDBFs, 117 SEBFs, 53 SDBFs, 13 SSEBFs, 154 SECFs, 28 SCBFs, and 32 TRSFs) in southwestern China. SECF: subtropical evergreen coniferous forest; SDBF: subtropical deciduous broadleaved forest; SCBF: subtropical mixed coniferous broadleaved forest; SEBF: subtropical evergreen broadleaved forest; TRSF: tropical rain forests and seasonal forests; SEDBF: subtropical mixed evergreen-deciduous broadleaved forest; SSEBF: subtropical sclerophyllous evergreen broadleaved forest; \*: karst forest; #: confirmable mature forest; N: natural forest; P: planted forest.

Sites (Province, Site Name)	Longitude (Degree)	Latitude (Degree)	Elevation (m)	Forest Type	N/P	Age (year)	Dominant Species	Biomass Mg·ha <sup>-1</sup>	NPP Mg·ha <sup>-1</sup> ·year <sup>-1</sup>	LAI m <sup>2</sup> ·m <sup>-2</sup>	MAT °C	MAP mm	References
Hubei, Lichuan	108.855	30.245	1420	SECF	P	24 #	<i>Cunninghamia lanceolata</i>	79.9			10.7	1479.2	[1]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	21	<i>Pinus massoniana</i>	106.5	4.8		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	11	<i>Pinus massoniana</i>	35.5	2.7		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	30 #	<i>Pinus massoniana</i>	160.8	5.2		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	33	<i>Cunninghamia lanceolata</i>	67.5	1.8		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	13	<i>Cunninghamia lanceolata</i>	61.2	4.1		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	30 #	<i>Cunninghamia lanceolata</i>	132.0	4.1		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	23	<i>Cunninghamia lanceolata</i>	45.8	1.6		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	32 #	<i>Cupressus funebris</i>	76.8	2.2		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	30	<i>Cupressus funebris</i>	38.1	1.1		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SECF	P	25	<i>Cupressus funebris</i>	21.4	0.6		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SDBF	P	14		60.6	3.8		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SDBF	P	7		45.2	5.5		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SDBF	P	30 #		107.9	3.4		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SDBF	P	9		58.2	5.7		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SDBF	P	20		80.5	3.7		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SDBF	P	15		37.9	2.1		15.9	1127.7	[2]
Guizhou, Dejiang	108.125	28.275	673	SDBF	P	25		75.9	2.8		15.9	1127.7	[2]

Guizhou, Guiyang	106.455	26.735	1270	SDBF *	P	38 #	<i>Robinia pseudoacacia,</i> <i>Sassafras tzumu</i>	97.1		13.4	1133.4	[3]	
Yunnan, Zengcheng Forest Farm	113.715	23.225	250	SCBF	P	#	<i>Pinus massoniana,</i> <i>Castanopsis fissa</i>	212.7		21.8	1878.5	[4]	
Yunnan, Zengcheng Forest Farm	113.715	23.225	250	SECF	P	#	<i>Pinus massoniana</i>	144.0		21.8	1878.5	[4]	
Hunan, Huitong	109.785	26.915	400	SECF	P	20 #	<i>Cunninghamia</i> <i>lanceolata</i>	154.9		16.1	1262.3	[5]	
Guangxi, Liuwan Forest Farm	110.305	21.685	500	SECF	P	20 #	<i>Cunninghamia</i> <i>lanceolata</i>	154.9		22.7	1705.1	[5]	
Guangdong, Heishiding	111.885	23.455	380	SEBF	N				29.6	18.5	1748.0	[6]	
Guangdong, Heishiding	111.885	23.455	380	SEBF	N	100 #		358.0		17.1	18.5	1748.0	[7]
Yunan, Xishuangbanna	100.905	21.875	1460	SEBF	P	7	<i>Osmanthus delavayi</i>	65.7		22.3	1290.6	[8]	
Yunan, Xishuangbanna	100.905	21.875	1460	SDBF	P	7	<i>Betula alnoides</i>	69.2		22.3	1290.6	[8]	
Yunan, Xishuangbanna	100.905	21.875	1460	SEBF	P	7	<i>Altingia excelsa</i>	99.0		22.3	1290.6	[8]	
Yunan, Xishuangbanna	100.905	21.875	1460	SEDBF	P	7	<i>Betula alnoides,</i> <i>Osmanthus delavayi</i>	87.3		22.3	1290.6	[8]	
Yunan, Xishuangbanna	100.905	21.875	1460	SEBF	P	7	<i>Acacia mangium</i>	112.7		22.3	1290.6	[8]	
Yunan, Xishuangbanna	100.905	21.875	1460	TRSF	N	10		51.6		22.3	1290.6	[8]	
Yunan, Xishuangbanna	100.905	21.875	1460	SEDBF	P	7	<i>Betula alnoides,</i> <i>Altingia excelsa</i>	102.2		22.3	1290.6	[8]	

Yunnan, Xianggelila	99.835	27.875	3737	SECF	N	#	<i>Pinus yunnanensis</i>	133.3		1.6	802.7	[9]	
Yunnan, Xianggelila	99.835	27.875	3737	SECF	N	#	<i>Pinus densata</i>	210.9		1.6	802.7	[9]	
Yunnan, Xianggelila	99.835	27.875	3737	SECF	N	#	<i>Picea asperata, Abies fabri</i>	230.3		1.6	802.7	[9]	
Yunnan, Xianggelila	99.835	27.875	3737	SSEBF	N	#	<i>Quercus spp.</i>	148.1		1.6	802.7	[9]	
Yunnan, Yimen	103.075	26.505	1650	SECF	N	4	<i>Pinus yunnanensis</i>	10.0		17.8	825.0	[10]	
Yunnan, Yimen	103.075	26.505	1650	SECF	N	11	<i>Pinus yunnanensis</i>	27.9		17.8	825.0	[10]	
Yunnan, Yimen	103.075	26.505	1650	SECF	N	23	<i>Pinus yunnanensis</i>	69.9		17.8	825.0	[10]	
Yunnan, Yimen	103.075	26.505	1650	SECF	N	4	<i>Pinus yunnanensis</i>		5.3	2.0	17.8	825.0	[11]
Yunnan, Yimen	103.075	26.505	1650	SECF	N	11	<i>Pinus yunnanensis</i>		12.0	5.9	17.8	825.0	[11]
Yunnan, Yimen	103.075	26.505	1650	SECF	N	23	<i>Pinus yunnanensis</i>		10.6	3.7	17.8	825.0	[11]
Yunnan, Puer	100.085	23.205	930	SEBF	N	12	<i>Castanopsis echidnocarpa</i>	87.8		18.9	1343.2	[12]	
Yunnan, Puer	100.085	23.205	930	SEBF	N	42	<i>Castanopsis echidnocarpa</i>	162.6		18.9	1343.2	[12]	
Yunnan, Puer	100.085	23.205	930	SEBF	N	12	<i>Castanopsis echidnocarpa</i>	87.8	22.3	18.9	1343.2	[13]	
Yunnan, Puer	100.085	23.205	930	SEBF	N	42	<i>Castanopsis echidnocarpa</i>	162.6	19.7	18.9	1343.2	[13]	
Yunnan, Songming	102.755	25.405	2300	SEBF	N	#	<i>Castanopsis orthacantha</i>	269.7		12.3	1001.4	[14]	
Yunnan, Songming	102.755	25.405	2300	SEBF	N		<i>Castanopsis orthacantha</i>		19.2	12.3	1001.4	[15]	
Yunnan, Jidi Forest Farm	99.675	28.035	3660	SECF	N	200 #	<i>Abies georgei</i>	351.6	12.3	5.7	666.8	[16]	
Yunnan, Fuming	102.555	25.325	2300	SEBF	N	25	<i>Cyclobalanopsis delavayi</i>	135.9	13.7	12.0	1014.3	[17]	
Sichuan, Yanting	105.785	32.275	500	SCBF	P	15	<i>Alnus cremastogyne, Cupressus funebris</i>	48.9		15.2	967.5	[18]	

Sichuan, Yanting	105.785	32.275	500	SCBF	P	15	<i>Alnus cremastogyne,</i> <i>Cupressus funebris</i>	77.7		15.2	967.5	[18]
Sichuan, Yanting	105.785	32.275	500	SCBF	P	15	<i>Alnus cremastogyne,</i> <i>Cupressus funebris</i>	59.6		15.2	967.5	[18]
Sichuan, Yanting	105.785	32.275	500	SDBF	P	14	<i>Cupressus funebris</i>	39.1		15.2	967.5	[18]
Sichuan, Yanting	105.785	32.275	500	SCBF	P	21	<i>Alnus cremastogyne,</i> <i>Cupressus funebris</i>	70.6		15.2	967.5	[18]
Hunan, Huitong	109.785	26.915	650	SECF	P	60 #	<i>Cunninghamia lanceolata</i>	670.1		16.1	1262.3	[19]
Hunan, Huitong	109.785	26.915	650	SECF	P	56 #	<i>Cunninghamia lanceolata</i>	355.5		16.1	1262.3	[19]
Hunan, Huitong	109.785	26.915	650	SECF	P	20	<i>Cunninghamia lanceolata</i>	156.7		16.1	1262.3	[19]
Hunan, Huitong	109.785	26.915	350	SEBF	N	32 #	<i>Castanopsis hysrix,</i> <i>Cyclobalanopsis glauca,</i> <i>Machilus pauhoi</i>	451.0		16.1	1262.3	[20]
Guangxi, Daqing Mt.	106.825	22.135	700	SECF	P		<i>Cunninghamia lanceolata</i>	92.5	9.8	21.0	1428.4	[21]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	22	<i>Pinus massoniana</i>	217.6	14.1	14.6	1116.5	[22]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	30	<i>Pinus massoniana</i>	203.8	10.6	14.6	1116.5	[22]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	12	<i>Pinus massoniana</i>	24.5		14.6	1116.5	[23]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	12	<i>Pinus massoniana</i>	47.6		14.6	1116.5	[23]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	12	<i>Pinus massoniana</i>	57.4		14.6	1116.5	[23]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	12	<i>Pinus massoniana</i>	87.2		14.6	1116.5	[23]

Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	8	<i>Pinus massoniana</i>	33.9	6.2	14.6	1116.5	[24]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	12	<i>Pinus massoniana</i>	89.9	11.1	14.6	1116.5	[24]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	18	<i>Pinus massoniana</i>	204.5	15.6	14.6	1116.5	[24]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	22	<i>Pinus massoniana</i>	223.7	14.1	14.6	1116.5	[24]
Guizhou, Longli Forest Farm	106.985	26.455	1130	SECF	P	30	<i>Pinus massoniana</i>	234.1	11.9	14.6	1116.5	[24]
Guangxi, Liuwan Forest Farm	109.885	22.785	820	SECF	P	#	<i>Cryptomeria fortunei</i>	244.6	7.9	21.4	1535.9	[25]
Hunan, Zhuzhou	112.185	28.805	125	SECF	P	5	<i>Cunninghamia lanceolata</i>	54.8		16.7	1359.0	[26]
Hunan, Zhuzhou	112.185	28.805	125	SCBF	P	5	<i>Cunninghamia lanceolata, Betula spp.</i>	48.3		16.7	1359.0	[26]
Guangdong, Dinghu Mt.	112.555	23.175	125	SECF	P	#	<i>Pinus massoniana</i>	128.2		21.7	1749.9	[27]
Hunan, Huitong	109.755	26.835	316	SECF	P	26 #	<i>Cunninghamia lanceolata</i>	180.1	6.9	16.7	1244.1	[28]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	8	<i>Pinus massoniana</i>		8.6	20.6	1361.9	[29]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	14	<i>Pinus massoniana</i>		17.6	20.6	1361.9	[29]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	23	<i>Pinus massoniana</i>		19.6	20.6	1361.9	[29]

Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	38	<i>Pinus massoniana</i>	9.6	20.6	1361.9	[29]	
Guangdong, Dinghu Mt.	112.555	23.175	300	SCBF	N	50 #	<i>Pinus massoniana</i> , <i>Schima superba</i>	190.3	21.7	1749.9	[30]	
Guangdong, Dinghu Mt.	112.555	23.175	300	SCBF	N	70 #	<i>Pinus massoniana</i> , <i>Schima superba</i>	277.4	21.7	1749.9	[30]	
Guangdong, Dinghu Mt.	112.555	23.175	300	SCBF	N	70 #	<i>Pinus massoniana</i> , <i>Schima superba</i>	284.7	21.7	1749.9	[30]	
Hunan, Huitong	109.785	26.915	650	SECF	P	20 #	<i>Cunninghamia lanceolata</i>	156.3	16.1	1262.3	[31]	
Hunan, Huitong	109.785	26.915	650	SECF	N	20	<i>Pinus massoniana</i>	106.8	5	16.1	1262.3	[31]
Hunan, Huitong	109.785	26.915	300	SECF	N	20	<i>Pinus massoniana</i>	103.9	5.5	16.1	1262.3	[32]
Yunnan, Xianggelila	101.205	21.835	750	TRSF	N	#	<i>Pometia pinnata</i>	360.9	22.1	1388.0	[33]	
Yunnan, Xishuangbanna	101.275	21.935	620	TRSF	N	1	<i>Trema orientalis</i>	3.3	1.3	20.5	1515.9	[34]
Yunnan, Xishuangbanna	101.275	21.935	620	TRSF	N	2	<i>Trema orientalis</i>	13.1	2.1	20.5	1515.9	[34]
Yunnan, Xishuangbanna	101.275	21.935	620	TRSF	N	3	<i>Trema orientalis</i>	29.8	2.9	20.5	1515.9	[34]
Yunnan, Xishuangbanna	101.275	21.935	620	TRSF	N	4	<i>Trema orientalis</i>	33.8	2.7	20.5	1515.9	[34]
Yunnan, Xishuangbanna	101.275	21.935	620	TRSF	N	5	<i>Trema orientalis</i>	28.8	3.3	20.5	1515.9	[34]
Yunan, Xishuangbanna	101.175	21.965	750	TRSF	N	110 #		264.0	20.2	1502.2	[35]	
Yunan, Xishuangbanna	101.175	21.965	750	TRSF	N	110 #		452.8	20.2	1502.2	[35]	
Yunan, Xishuangbanna	101.175	21.965	725	TRSF	N	12.5		71.3	20.2	1502.2	[35]	

Yunan, Xishuangbanna	101.175	21.965	725	TRSF	N	12.5		81.3		20.2	1502.2	[35]
Yunan, Xishuangbanna	101.275	21.935	620	SEBF	N	10	<i>Mallotus paniculatus</i>	57.8	3.3	20.5	1515.9	[36]
Hubei, Dayu	114.325	31.585	184	SECF	P	18	<i>Pinus massoniana</i>	98.1		14.9	1209.2	[37]
Guangdong, Zhaoqing	112.025	23.445	410	SEBF	P	1	<i>Eucalyptus robusta</i>	22.8		20.1	1687.7	[38]
Guangdong, Zhaoqing	112.025	23.445	410	SEBF	P	3	<i>Eucalyptus robusta</i>	63.9		20.1	1687.7	[38]
Yunan, Yuanyang	102.525	23.175	750	SEBF	P	3	<i>Jatropha curcas</i>	26.0	10.8	14.8	1608.5	[39]
Sichuan, Li County	103.025	31.295	3197.5	SECF	P	10	<i>Picea asperata</i>	37.6		-5.3	1198.1	[40]
Sichuan, Li County	103.025	31.295	3197.5	SECF	P	20	<i>Picea asperata</i>	98.2		-5.3	1198.1	[40]
Sichuan, Li County	103.025	31.295	3197.5	SECF	P	30	<i>Picea asperata</i>	148.0		-5.3	1198.1	[40]
Sichuan, Li County	103.025	31.295	3197.5	SECF	P	40	<i>Picea asperata</i>	165.3		-5.3	1198.1	[40]
Sichuan, Li County	103.025	31.295	3197.5	SECF	P	50	<i>Picea asperata</i>	172.8		-5.3	1198.1	[40]
Sichuan, Li County	103.025	31.295	3197.5	SECF	P	60 #	<i>Picea asperata</i>	245.4		-5.3	1198.1	[40]
Guangxi, Shankou Forest Farm	107.495	24.995	980	SECF	P	8	<i>Taiwania cryptomerioides</i>	62.0		16.3	1506.7	[41]
Guangxi, Shankou Forest Farm	107.495	24.995	980	SECF	P	14	<i>Taiwania cryptomerioides</i>	118.2		16.3	1506.7	[41]
Guangxi, Shankou Forest Farm	107.495	24.995	980	SECF	P	28 #	<i>Taiwania cryptomerioides</i>	258.8		16.3	1506.7	[41]

Guangxi, Nanning	108.355	22.955	225	SEBF	P	#	<i>Acacia melanoxylon</i>	108.5	17.0		21.1	1353.8	[42]
Hubei, Yichang	112.255	31.075	900	SEDBF	N	35 #		247.5			16.0	987.4	[43]
Hubei, Yichang	112.255	31.075	900	SEDBF	N	30 #		162.0			16.0	987.4	[43]
Hubei, Yichang	112.255	31.075	900	SECF	P	30 #	<i>Pinus massoniana,</i> <i>Cunninghamia lanceolata</i>	214.8			16.0	987.4	[43]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	4	<i>Acacia mangium</i>	75.5			20.8	1375.7	[44]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	7	<i>Acacia mangium</i>	185.4			20.8	1375.7	[44]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	11	<i>Acacia mangium</i>	235.1			20.8	1375.7	[44]
Hubei, Yichang	111.095	31.195	1300	SECF	N	27	<i>Pinus massoniana</i>	107.3	4	9.2	9.8	1358.5	[45]
Hubei, Yichang	111.095	31.195	1300	SECF	N	21	<i>Pinus massoniana</i>	179.6	8.6	14.2	9.8	1358.5	[45]
Jiangxi, Xinyu	114.565	27.415	200	SDBF	P	9	<i>Liriodendron chinense</i>	64.5			17.6	1589.3	[46]
Jiangxi, Fenyi	114.565	27.585	235	SDBF	P		<i>Liriodendron chinense</i>	64.5	7.2		16.2	1677.7	[47]
Guangxi, Nanning	108.315	22.685	248	SEBF	P	27 #	<i>Tsoongiodendron odorum</i>	101.3			21.2	1372.8	[48]
Sichuan, Songpan	103.545	32.635	3175	SECF	N	55	<i>Picea asperata</i>		5.7		4.1	799.0	[49]
Sichuan, Songpan	103.545	31.505	3250	SECF	N	46 #	<i>Picea purpurea</i>	158.8	3.3		8.5	942.7	[50]
Hunan, Huitong	109.755	26.835	400	SECF	P	11	<i>Cunninghamia lanceolata</i>	82.7			16.7	1244.1	[51]



Hunan, Huitong	109.755	26.835	400	SECF	P	14	<i>Cunninghamia lanceolata</i>	121.5		16.7	1244.1	[51]	
Hunan, Huitong	109.755	26.835	400	SECF	P	16	<i>Cunninghamia lanceolata</i>	133.4		16.7	1244.1	[51]	
Guangxi, Daqing Mt.	106.825	22.135	700	SECF	P	13	<i>Pinus massoniana, Cunninghamia lanceolata</i>		94.8	21.0	1428.4	[52]	
Guangxi, Daqing Mt.	106.825	22.135	700	SECF	P	13	<i>Pinus massoniana, Cunninghamia lanceolata</i>		109.6	21.0	1428.4	[52]	
Guangxi, Daqing Mt.	106.825	22.135	700	SECF	P	13	<i>Pinus massoniana, Cunninghamia lanceolata</i>		105.0	21.0	1428.4	[52]	
Sichuan, Jiuzhaigou	103.915	33.085	2500	SDBF	N		<i>Quercus spp.</i>	84.6	4.3	1.0	843.6	[53]	
Sichuan, Jiuzhaigou	103.915	33.085	2650	SDBF	N		<i>Betula spp.</i>	114.5	8.9	1.0	843.6	[53]	
Sichuan, Jiuzhaigou	103.915	33.085	2150	SECF	N	#	<i>Pinus tabuliformis</i>	188.7	12.9	1.0	843.6	[53]	
Sichuan, Jiuzhaigou	103.915	33.085	3000	SECF	N	#	<i>Picea asperata</i>	332.5	11.3	1.0	843.6	[53]	
Sichuan, Jiuzhaigou	103.915	33.085	3150	SECF	N	#	<i>Abies fabri</i>	380.8	11.3	1.0	843.6	[53]	
Hubei, Yichang	112.145	29.805	220	SECF	P	11	<i>Pinus massoniana</i>	76.1		1.1	16.5	1229.8	[54]
Hubei, Yichang	112.145	29.805	220	SECF	P	11	<i>Pinus massoniana</i>	50.8		0.8	16.5	1229.8	[54]
Yunnan, Huize	103.405	26.455	2150	SDBF	P	5	<i>Alnus cremastogyne</i>	27.3		1.3	12.4	875.6	[55]
Sichuan, Mao County	103.905	31.695	1957.5	SECF	P	22	<i>Pinus tabuliformis</i>	110.2		8.1	951.3	[56]	
Sichuan, Mao County	103.905	31.695	1957.5	SECF	P	24 #	<i>Pinus tabuliformis</i>	188.9		8.1	951.3	[56]	

Hunan, Rucheng	113.635	25.605	355	SEBF	P	7 #	<i>Eucalyptus urograndis</i>	137.3		3.3	15.3	1591.4	[57]
Yunnan, Jinghong	100.785	23.215	1357.5	SECF	P	26 #	<i>Pinus kesiya</i> var. <i>langbianensis</i>	309.0	9.5		18.4	1376.2	[58]
Guangxi, Gaofeng Forest Farm	108.355	22.975	200	SEBF	P	#	<i>Manglietia glauca</i>	230.2	10.1		20.8	1375.7	[59]
Yunan, Xishuangbanna	101.105	22.425	1077	SDBF	P	4	<i>Betula alnoides</i>	19.5	8.8		19.8	1502.4	[60]
Yunan, Xishuangbanna	101.105	22.425	1077	SDBF	P	13	<i>Betula alnoides</i>	84.3	26.5		19.8	1502.4	[60]
Yunan, Xishuangbanna	101.105	22.425	1077	SEDBF	P	15 #	<i>Betula alnoides</i> , <i>Cinnamomum cassia</i>	137.3		12.0	19.8	1502.4	[61]
Yunan, Xishuangbanna	101.105	22.425	1077	SDBF	P	13 #	<i>Betula alnoides</i>	85.0		9.0	19.8	1502.4	[61]
Guangxi, Gaofeng Forest Farm	108.355	22.975	200	SEBF	P	9 #	<i>Acacia melanoxylon</i>	205.6			20.8	1375.7	[62]
Guangxi, Rong County	110.585	22.835	140	SEBF	P	31 #	<i>Michelia macclurei</i>	217.3			21.6	1619.7	[63]
Sichuan, Ningnan	102.705	27.075	1200	SEBF	P	5	<i>Eucalyptus camaldulensis</i>	13.7			19.5	922.2	[64]
Sichuan, Ningnan	102.705	27.075	1200	SEBF	P	5	<i>Eucalyptus camaldulensis</i> , <i>Tephrosia candida</i>	27.2			19.5	922.2	[64]
Guangdong, Futian	114.005	22.525	0	SEBF	N	56		165.8		4.5	22.4	1838.2	[65]
Yunnan, Kunming	102.785	25.155	1960	SECF	P	10 #	<i>Acacia dealbata</i>	137.9	24.1		14.0	959.7	[66]

Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	8	<i>Pinus massoniana</i>	4.0		20.6	1361.9	[67]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	14	<i>Pinus massoniana</i>	7.7		20.6	1361.9	[67]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	23	<i>Pinus massoniana</i>	8.1		20.6	1361.9	[67]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	38	<i>Pinus massoniana</i>	5.8		20.6	1361.9	[67]
Guizhou, Maolan	107.965	25.305	600	SEDBF *	N	#	<i>Lindera communis,</i> <i>Carpinus pubescens,</i> <i>Dendrobenthamia</i> <i>hongkongensis,</i> <i>Liquidambar</i> <i>formosana, Celtis</i> <i>sinensis</i>	174.6		16.2	1451.6	[68]
Guizhou, Yushe Forest Farm	104.805	26.475	1818.3	SDBF	N		<i>Cornus walteri</i>	48.1	7.3	11.5	1123.8	[68]
Hunan, Huayuan	109.445	28.405	704.5	SDBF	P	5	<i>Alnus cremastogyne</i>	14.4	3.8	14.4	1341.9	[69]
Hunan, Huayuan	109.445	28.405	704.5	SDBF	P	8	<i>Alnus cremastogyne</i>	13.3	4.3	14.4	1341.9	[69]
Hunan, Huayuan	109.445	28.405	704.5	SDBF	P	14	<i>Alnus cremastogyne</i>	16.7	8.4	14.4	1341.9	[69]
Hunan, Longshan	109.425	29.145	1025	SDBF	P	15	<i>Corylus chinensis</i>	58.5	3.9	12.9	1481.2	[70]
Guizhou, Puding	105.765	26.255	1506	SEDBF *	N	#	<i>Platycarya longipes,</i> <i>Lithocarpus confinis,</i> <i>Itea yunnanensis,</i> <i>Machilus cavaleriei</i>	192.0		14.7	1301.9	[71]

Sichuan, Gongga Mt.	101.885	29.605	490	SEDBF	N	#	<i>Lithocarpus cleistocarpus, Betula insignis</i>	220.1	10.0	-12.2	1376.0	[72]	
Sichuan, Gongga Mt.	101.885	29.605	490	SCBF	N	#	<i>Tsuga chinensis, Acer spp., Betula spp.</i>	568.0	10.1	-12.2	1376.0	[72]	
Sichuan, Gongga Mt.	101.885	29.605	490	SCBF	N	#	<i>Abies fabri</i>	544.5	12.9	-12.2	1376.0	[72]	
Sichuan, Gongga Mt.	101.885	29.605	490	SCBF	N	#	<i>Abies fabri</i>	282.6	4.7	-12.2	1376.0	[72]	
Sichuan, Gongga Mt.	101.885	29.605	490	SCBF	N	#	<i>Abies squamata</i>	279.8	1.4	-12.2	1376.0	[72]	
Hunan, Yueyang	112.555	29.485	34	SECF	P	12	<i>Pinus massoniana</i>	87.4		16.7	1282.5	[73]	
Hunan, Yueyang	112.555	29.485	81	SDBF	P	12 #	<i>Populus spp.</i>	114.7		16.7	1282.5	[73]	
Hunan, Yueyang	112.555	29.485	78	SECF	P	12	<i>Cunninghamia lanceolata</i>	232.2		16.7	1282.5	[73]	
Yunnan, Xianggelila	100.905	21.855	650	TRSF	N	#		423.9		22.3	1290.6	[74]	
Sichuan, Chengdu	103.575	31.025	800	SEBF	P		<i>Phoebe zhennan</i>	174.4	9.9	14.7	1055.8	[75]	
Sichuan, Songpan	103.775	32.585	2950	SECF	N	59 #	<i>Picea asperata</i>	230.4	6.8	-3.9	1048.4	[76]	
Sichuan, Dujiangyan	103.645	31.045	800	SEBF	P	32 #	<i>Phoebe zhennan</i>	173.6	8.1	14.7	1052.0	[77]	
Guangxi, Pinxiang	106.875	22.045	525	SEBF	P	28 #	<i>Mytilaria laosensis</i>	248.7		20.5	1480.9	[78]	
Guangxi, Pinxiang	106.875	22.045	545	SEBF	P	28 #	<i>Mytilaria laosensis</i>	282.9		20.5	1480.9	[78]	
Guangxi, Pinxiang	106.875	22.045	565	SEBF	P	28 #	<i>Mytilaria laosensis</i>	297.8		20.5	1480.9	[78]	
Guangxi, Pinxiang	106.875	22.045	545	SEBF	P	28 #	<i>Mytilaria laosensis</i>	281.5	15.6	24.7	20.5	1480.9	[79]

Guangdong, Dinghu Mt.	112.555	23.175	125	SECF	N	30	<i>Pinus massoniana</i>	86.4	21.7	1749.9	[80]
Guangdong, Dinghu Mt.	112.555	23.175	125	SECF	N	35	<i>Pinus massoniana</i>	134.8	21.7	1749.9	[80]
Guangdong, Dinghu Mt.	112.555	23.175	125	SECF	N	40 #	<i>Pinus massoniana</i>	165.9	21.7	1749.9	[80]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	20	<i>Schima superba, Litsea rotundifolia</i>	69.6	21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	20	<i>Elaeocarpus apiculatus</i>	84.0	21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	40	<i>Symplocos lancifolia, Evodia glabrifolia</i>	95.6	21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	40	<i>Ficus microcarpa, Ficus elastica, Bambusa rigida, Dendrocalamopsis beecheiana</i>	116.9	21.7	1832.2	[81]

Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	40	<i>Melaleuca leucadendron, Araucaria cunninghamii, Roystonea regia, Syzygium jambos, Cleistocalyx operculatus</i>	150.7	21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	70	<i>Pygeum topengii, Endospermum chinense, Sterculia lanceolata, Cinnamomum burmanni</i>	164.1	21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	60	<i>Acacia confusa, Eucalyptus robusta, Cinnamomum burmanni</i>	177.4	21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SCBF	N	60 #	<i>Pinus massoniana, Cinnamomum burmanni</i>	182.6	21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SCBF	N	60 #	<i>Pinus massoniana, Cinnamomum burmanni</i>	197.9	21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	70	<i>Schima superba, Pygeum topengii</i>	236.5	21.7	1832.2	[81]

Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	70	<i>Machilus oculodracontis, Cinnamomum camphora</i>	279.1		21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	80	<i>Schima superba, Engelhardtia roxburghiana</i>	282.2		21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	150 #	<i>Castanea henryi, Engelhardtia roxburghiana</i>	349.1		21.7	1832.2	[81]
Guangdong, Guangzhou	113.265	23.135	5	SEBF	N	150 #	<i>Castanea henryi, Engelhardtia roxburghiana, Aporosa dioica</i>	371.3		21.7	1832.2	[81]
Guangxi, Nanning	108.315	22.685	150	SEBF	P	#	<i>Paramichelia baillonii</i>	117.1		21.2	1372.8	[82]
Guizhou, Guiyang	106.455	26.735	1270	SDBF *	P	10	<i>Betula luminifera, Italian poplar</i>	16.7	0.5	13.4	1133.4	[83]
Hunan, Huitong	109.785	26.915	700	SECF	P	#	<i>Cunninghamia lanceolata</i>	147.8		16.1	1262.3	[84]
Hunan, Huitong	109.785	26.915	700	SEBF	P	#	<i>Michelia macclurei</i>	171.5		16.1	1262.3	[84]
Sichuan, Yanting	105.285	31.485	655	SDBF	P	7	<i>Eucommia ulmoides</i>	64.4	9.2	16.1	981.5	[85]
Sichuan, Guangyuan	105.785	31.565	490	SECF	P	11	<i>Cupressus lusitanica</i>	77.8	8.9	16.2	1009.4	[86]
Sichuan, Li County	103.045	31.065	2020	SECF	P	5	<i>Pinus radiata</i>	19.5	3.9	2.1	1058.7	[87]
Guangdong, Dinghu Mt.	112.585	23.175	275	SECF	N	55 #	<i>Pinus massoniana</i>	81.2		21.7	1751.8	[88]

Guangdong, Dinghu Mt.	112.585	23.175	300	SCBF	N	75 #	<i>Pinus massoniana</i> , <i>Castanopsis chinensis</i> , <i>Schima superba</i>	261.1		21.7	1751.8	[88]
Guangdong, Dinghu Mt.	112.585	23.175	300	SEBF	N	400 #	<i>Cryptocarya concinna</i> , <i>Castanopsis chinensis</i> , <i>Cryptocarya chinensis</i> , <i>Schima superba</i>	425.5		21.7	1751.8	[88]
Guangdong, Heishiding	112.585	23.175	380	SEBF	N	200 #		357.8		21.7	1751.8	[88]
Sichuan, Daocheng	100.185	29.055	3740	SDBF	P	9	<i>Populus schneideri</i> var. <i>tibetica</i>	61.4		3.7	683.2	[89]
Yunnan, Xianggelila	100.905	21.875	695	TRSF	N	#		319.2		22.3	1290.6	[90]
Guangxi, Liuwan Forest Farm	109.835	22.625	550	SEBF	P	5	<i>Michelia macclurei</i> var. <i>sublanaea</i>	21.4		20.3	1630.2	[91]
Guangxi, Liuwan Forest Farm	109.835	22.625	550	SEBF	P	8	<i>Michelia macclurei</i> var. <i>sublanaea</i>	28.1		20.3	1630.2	[91]
Guangxi, Liuwan Forest Farm	109.835	22.625	550	SEBF	P	19	<i>Michelia macclurei</i> var. <i>sublanaea</i>	111.3	25.6	20.3	1630.2	[91]
Guangxi, Liuwan Forest Farm	109.835	22.625	550	SEBF	P	46 #	<i>Michelia macclurei</i> var. <i>sublanaea</i>	264.2	26.1	20.3	1630.2	[91]
Hunan, Cili	110.175	29.505	394	SECF	N	#		90.3		14.3	1522.2	[92]
Guangxi, Gaofeng Forest Farm	108.355	22.975	250	SEBF	P	4	<i>Acacia mangium</i>	74.4		20.8	1375.7	[93]
Guangxi, Gaofeng Forest Farm	108.355	22.975	250	SEBF	P	7	<i>Acacia mangium</i>	184.8		20.8	1375.7	[93]



Guangxi, Gaofeng Forest Farm	108.355	22.975	250	SEBF	P	11	<i>Acacia mangium</i>	233.9		20.8	1375.7	[93]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	2	<i>Acacia crassicarpa</i>	14.4		20.8	1375.7	[94]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	3	<i>Acacia crassicarpa</i>	36.8		20.8	1375.7	[94]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	4	<i>Acacia crassicarpa</i>	52.2		20.8	1375.7	[94]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	5	<i>Acacia crassicarpa</i>	88.8		20.8	1375.7	[94]
Guangxi, Nanning	108.315	22.685	150	SEBF	P	#	<i>Paramichelia baillonii</i>	117.1		21.2	1372.8	[95]
Guangxi, Nanning	108.315	22.685	248	SEBF	P	27 #	<i>Tsoongiodendron odorum</i>	102.6	7.4	21.2	1372.8	[96]
Guangxi, Pinxiang	106.875	22.055	555	SEBF	P		<i>Castanopsis hystrix, Pinus massoniana</i>	94.8	3.4	20.3	1493.4	[97]
Guangxi, Pinxiang	106.875	22.055	555	SECF	P	#	<i>Pinus massoniana</i>	212.4	7.8	20.3	1493.4	[97]
Guangxi, Pinxiang	106.875	22.055	555	SCBF	P	#	<i>Castanopsis hystrix, Pinus massoniana</i>	155.6	5.6	20.3	1493.4	[97]
Yunnan, Ailao Mt.	100.705	24.165	2325	SEBF	N	#	<i>Lithocarpus xylocarpus</i>	499.7		13.4	1223.9	[98]
Jiangxi, Xinfeng	114.575	25.335	400	SEBF	N	#		360.8		16.8	1644.5	[99]
Jiangxi, Xinfeng	114.575	25.335	400	SEBF	N	#		428.0		16.8	1644.5	[99]
Jiangxi, Xinfeng	114.575	25.335	400	SEBF	N	#		397.7		16.8	1644.5	[99]

Jiangxi, Xinfeng	114.575	25.335	400	SEBF	N	#		195.0		16.8	1644.5	[99]	
Guangxi, Shankou Forest Farm	107.485	24.985	1030	SECF	P	8	<i>Cunninghamia lanceolata</i>	39.4		16.9	1493.0	[100]	
Guangxi, Shankou Forest Farm	107.485	24.985	1030	SECF	P	11	<i>Cunninghamia lanceolata</i>	57.5		16.9	1493.0	[100]	
Guangxi, Shankou Forest Farm	107.485	24.985	1030	SECF	P	14	<i>Cunninghamia lanceolata</i>	81.1		16.9	1493.0	[100]	
Hunan, Yuanling	110.625	28.735	365	SDBF	N	40 #	<i>Sassafras tzumu, Liquidambar formosana</i>	253.6		14.9	1460.0	[101]	
Yunnan, Yuanmou	100.875	25.055	1722	SECF	P	16	<i>Pinus yunnanensis</i>	55.9		12.0	1004.5	[102]	
Yunnan, Yuanmou	100.875	25.055	1722	SEBF	P	3	<i>Eucalyptus robusta</i>	19.1		12.0	1004.5	[102]	
Yunnan, Yuanmou	100.875	25.055	1722	SEBF	P	3	<i>Acacia confusa</i>	11.4		12.0	1004.5	[102]	
Yunnan, Yuanmou	100.875	25.055	1722	SEBF	P	4	<i>Eucalyptus robusta, Tephrosia candida</i>	33.4		12.0	1004.5	[102]	
Yunnan, Yuanmou	100.875	25.055	1722	SEBF	P	3	<i>Acacia mearnsii, Salix myrtillacea</i>	12.9		12.0	1004.5	[102]	
Yunnan, Yuanmou	100.875	25.055	1722	SEBF	P	3	<i>Acacia confusa, Salix myrtillacea</i>	9.9		12.0	1004.5	[102]0	
Sichuan, Ebian	105.265	30.325	364	SECF	P	65 #	<i>Abies fabri</i>	195.7	9.4	23.5	16.7	984.3	[103]

Sichuan, Li County	103.185	31.445	2410	SDBF	N	20 #	<i>Quercus liaotungensis</i>	488.5	10.1	893.2	[104]
Guangxi, Nanning	108.315	22.685	346	SEBF	P	32 #	<i>Parashorea chinensis</i>	351.1	21.2	1372.8	[105]
Yunnan, Xishuangbanna	101.255	21.925	600	TRSF	N	5	<i>Macaranga denticulata, Mallotus paniculatus, Litsea cubeba, Schefflera octophylla, Cinnamomum glanduliferum</i>	41.9	21.7	1419.9	[106]
Yunnan, Xishuangbanna	101.255	21.925	600	TRSF	N	10	<i>Macaranga denticulata, Mallotus paniculatus, Litsea cubeba, Schefflera octophylla, Cinnamomum glanduliferum</i>	52.1	21.7	1419.9	[106]
Yunnan, Xishuangbanna	101.255	21.925	600	TRSF	N	14	<i>Macaranga denticulata, Mallotus paniculatus, Litsea cubeba, Schefflera octophylla, Cinnamomum glanduliferum</i>	88.3	21.7	1419.9	[106]
Yunnan, Xishuangbanna	101.255	21.925	600	TRSF	N	22	<i>Macaranga denticulata, Mallotus paniculatus, Litsea cubeba, Schefflera octophylla, Cinnamomum glanduliferum</i>	113.7	21.7	1419.9	[106]

Yunnan, Xishuangbanna	101.205	21.965	730	TRSF	N	5		11.5	21.8	1400.9	[107]	
Yunnan, Xishuangbanna	101.205	21.965	730	TRSF	N	10		13.5	21.8	1400.9	[107]	
Yunnan, Xishuangbanna	101.205	21.965	730	TRSF	N	14		22.1	21.8	1400.9	[107]	
Yunnan, Xishuangbanna	101.205	21.965	730	TRSF	N	22		26.6	21.8	1400.9	[107]	
Yunan, Xishuangbanna	101.255	21.925	560	TRSF	P	#	390.4	22.3	7.1	21.7	1419.9	[108]
Hunan, Yuanling	110.595	28.735	535	SDBF	N	47 #	<i>Sassafras tzumu,</i> <i>Quercus acutissima</i>	297.7	16.7	16.4	1385.4	[109]
Hunan, Yuanling	110.595	28.735	535	SDBF	N	51 #	<i>Sassafras tzumu,</i> <i>Liquidambar</i> <i>formosana</i>	249.1	11.3	16.4	1385.4	[109]
Hunan, Yuanling	110.595	28.735	535	SCBF	N	31	<i>Sassafras tzumu,</i> <i>Cunninghamia</i> <i>lanceolata</i>	147.1	10.2	16.4	1385.4	[109]
Hunan, Yuanling	110.595	28.735	535	SDBF	N	47 #	<i>Sassafras tzumu,</i> <i>Quercus acutissima</i>	297.7		16.4	1385.4	[110]
Hunan, Yuanling	110.595	28.735	535	SDBF	N	51 #	<i>Sassafras tzumu,</i> <i>Liquidambar</i> <i>formosana</i>	249.1		16.4	1385.4	[110]
Hunan, Yuanling	110.595	28.735	535	SCBF	N	31	<i>Sassafras tzumu,</i> <i>Cunninghamia</i> <i>lanceolata</i>	147.1		16.4	1385.4	[110]
Hunan, Yuanling	110.595	28.735	535	SCBF	N	28	<i>Sassafras tzumu,</i> <i>Cunninghamia</i> <i>lanceolata</i>	165.3		16.4	1385.4	[110]

Hunan, Yuanling	110.595	28.735	535	SCBF	N	17	<i>Sassafras tzumu,</i> <i>Cunninghamia lanceolata</i>	165.6		16.4	1385.4	[110]	
Hunan, Huitong	109.755	25.675	332.5	SECF	P	10	<i>Cunninghamia lanceolata</i>	68.1		17.6	1566.2	[111]	
Hunan, Huitong	109.755	26.835	305	SECF	P		<i>Cunninghamia lanceolata</i>	87.9	7.8	6.3	16.7	1244.1	[112]
Hunan, Huitong	109.755	26.835	305	SECF	P		<i>Cunninghamia lanceolata</i>	76.0	6.5	4.3	16.7	1244.1	[112]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	8	<i>Pinus massoniana</i>		4.0		20.6	1361.9	[113]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	14	<i>Pinus massoniana</i>		7.7		20.6	1361.9	[113]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	23	<i>Pinus massoniana</i>		8.1		20.6	1361.9	[113]
Guangxi, Lufengshan Forest Farm	109.675	23.755	250	SECF	P	38	<i>Pinus massoniana</i>		5.2		20.6	1361.9	[113]
Sichuan, Xichong	105.775	31.155	402	SCBF	P	7	<i>Alnus cremastogyne,</i> <i>Cupressus funebris</i>	14.8			15.9	1030.0	[114]
Sichuan, Xichong	105.775	31.155	402	SECF	P	7	<i>Cupressus funebris</i>	3.6			15.9	1030.0	[114]
Yunnan, Xianggelila	101.205	21.965	730	TRSF	N	150 #		330.4			21.8	1400.9	[115]
Yunnan, Xianggelila	101.205	21.965	730	TRSF	N	400 #		321.4			21.8	1400.9	[115]
Yunnan, Xianggelila	101.205	21.965	730	TRSF	N	130 #		479.4			21.8	1400.9	[115]

Yunnan, Xianggelila	101.105	22.425	870	TRSF	N	10		51.6	19.8	1502.4	[116]
Yunnan, Xianggelila	101.105	22.425	870	SDBF	P	7	<i>Betula alnoides</i>	69.2	19.8	1502.4	[116]
Yunnan, Xianggelila	101.105	22.425	870	TRSF	N	#		380.4	19.8	1502.4	[116]
Yunnan, Xianggelila	101.105	22.425	870	SEBF	N	#		264.3	19.8	1502.4	[116]
Hubei, Shennongjia	110.485	31.325	1805	SDBF	N	108 #	<i>Fagus engleriana</i>	288.7	11.2	1311.0	[117]
Hubei, Shennongjia	110.485	31.325	1600	SDBF	N	45 #	<i>Quercus aliena</i> var. <i>acuteserrata</i>	231.6	11.2	1311.0	[117]
Guizhou, Liping	109.145	26.235	690	SDBF	P	#	<i>Alnus cremastogyne</i> , <i>Toona sinensis</i>	256.8	14.9	1333.6	[118]
Guizhou, Liping	109.145	26.235	690	SECF	P	#	<i>Cunninghamia</i> <i>lanceolata</i>	354.9	14.9	1333.6	[118]
Guizhou, Liping	109.145	26.235	690	SDBF	P	#	<i>Quercus acutissima</i>	116.1	14.9	1333.6	[118]
Guizhou, Liping	109.145	26.235	690	SDBF	P	#	<i>Liriodendron chinense</i>	155.5	14.9	1333.6	[118]
Guizhou, Guiyang	106.455	26.735	1270	SDBF *	P	25 #	<i>Populus</i> spp.	118.9	13.4	1133.4	[119]
Guangxi, Longsheng	109.905	25.655	350	SECF	P	24	<i>Cunninghamia</i> <i>lanceolata</i>	119.0	15.1	1653.3	[120]
Guangxi, Longsheng	109.905	25.655	380	SECF	P	24	<i>Cunninghamia</i> <i>lanceolata</i>	115.9	15.1	1653.3	[120]
Guangxi, Longsheng	109.905	25.655	410	SECF	P	24	<i>Cunninghamia</i> <i>lanceolata</i>	73.6	15.1	1653.3	[120]

Guangdong, Dinghu Mt.	112.545	23.175	285	SEBF	N	#	<i>Castanopsis chinensis</i> , <i>Cryptocarya concinna</i> , <i>Schima superba</i>	295.6		21.4	1760.0	[121]
Guangxi, Dongmen Forest Farm	107.625	22.395	100	SEBF	P	9 #	<i>Eucalyptus robusta</i>	112.9	2.1	22.0	1365.4	[122]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	4	<i>Acacia mangium</i>	64.1		20.8	1375.7	[123]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	7	<i>Acacia mangium</i>	169.8		20.8	1375.7	[123]
Guangxi, Gaofeng Forest Farm	108.355	22.975	300	SEBF	P	11	<i>Acacia mangium</i>	214.9		20.8	1375.7	[123]
Hunan, Huayuan	109.445	28.405	704.5	SDBF	P	5	<i>Alnus cremastogyne</i>	54.7		14.4	1341.9	[124]
Hunan, Huayuan	109.445	28.405	704.5	SDBF	P	8	<i>Alnus cremastogyne</i>	76.5		14.4	1341.9	[124]
Hunan, Huayuan	109.445	28.405	704.5	SDBF	P	14 #	<i>Alnus cremastogyne</i>	103.2		14.4	1341.9	[124]
Yunnan, Puer	100.855	23.205	890	SECF	N	12	<i>Pinus kesiya</i> var. <i>langbiaanensis</i>	109.8	27.0	19.7	1333.4	[125]
Yunnan, Puer	100.855	23.205	890	SECF	N	23	<i>Pinus kesiya</i> var. <i>langbiaanensis</i>	137.6	24.0	19.7	1333.4	[125]
Yunnan, Xigui Forest Farm	99.455	24.335	1710	SECF	N	13	<i>Pinus kesiya</i> var. <i>langbiaanensis</i>	102.3	24.5	15.1	1364.3	[126]
Yunnan, Xigui Forest Farm	99.455	24.335	1710	SECF	N	35	<i>Pinus kesiya</i> var. <i>langbiaanensis</i>	218.5	18.4	15.1	1364.3	[126]
Yunnan, Puer	100.855	23.205	890	SECF	N	12	<i>Pinus kesiya</i> var. <i>langbiaanensis</i>	109.8		19.7	1333.4	[127]
Yunnan, Puer	100.855	23.205	890	SECF	N	23	<i>Pinus kesiya</i> var. <i>langbiaanensis</i>	137.6		19.7	1333.4	[127]
Yunnan, Fuming	102.575	25.325	2480	SSEBF	N	38 #	<i>Quercus senescens</i>	328.9	21.3	11.9	1019.6	[128]

Sichuan, Hongya	103.185	29.705	625	SDBF	P	5	<i>Betula</i> spp.		9.0	13.2	1190.5	[129]
Yunnan, Jidi Forest Farm	99.675	28.085	3420	SECF	N	40	<i>Pinus densata</i>		12.2	4.8	679.0	[130]
Yunnan, Jidi Forest Farm	99.675	28.085	3420	SECF	N	100 #	<i>Pinus densata</i>		10	4.8	679.0	[130]
Yunnan, Jidi Forest Farm	99.675	28.085	3000	SECF	N	50	<i>Picea brachytyla</i> var. <i>complanata</i>	129.5		4.8	679.0	[131]
Yunnan, Jidi Forest Farm	99.675	28.085	3000	SECF	N	150 #	<i>Picea brachytyla</i> var. <i>complanata</i>	314.0		4.8	679.0	[131]
Yunnan, Jidi Forest Farm	99.675	28.085	3000	SECF	N	50	<i>Picea brachytyla</i> var. <i>complanata</i>	129.5	5	4.8	679.0	[132]
Yunnan, Jidi Forest Farm	99.675	28.085	3000	SECF	N	150 #	<i>Picea brachytyla</i> var. <i>complanata</i>	314.0	13.8	4.8	679.0	[132]
Yunnan, Jidi Forest Farm	99.675	28.085	3000	SSEBF	N	#	<i>Quercus pannosa</i>	354.5	17.6	4.8	679.0	[133]
Yunnan, Jidi Forest Farm	99.675	28.085	3420	SECF	N	40	<i>Pinus densata</i>	294.3		4.8	679.0	[134]
Yunnan, Jidi Forest Farm	99.675	28.085	3420	SECF	N	100 #	<i>Pinus densata</i>	231.5		4.8	679.0	[134]
Guizhou, Huishui	106.775	26.005	1218	SECF	P	6	<i>Pinus massoniana</i>	16.6	7.4	14.5	1246.0	[135]
Guizhou, Maolan	107.965	25.315	860	SEDBF *	N	#		143.7	13.6	16.1	1452.1	[136]
Guizhou, Maolan	107.965	25.305	925	SEDBF *	N	#		202.2	14.3	16.2	1451.6	[136]
Guizhou, Maolan	107.955	25.315	851	SEDBF *	N			106.8	8.7	15.8	1463.8	[136]
Guizhou, Maolan	107.955	25.305	711	SEDBF *	N			83.8	12.8	15.9	1461.2	[136]



Hunan, Yueyang	113.165	28.825	65	SECF	P	9	<i>Pinus elliotii</i>	89.6			16.9	1420.6	[137]
Yunnan, Ailao Mt.	101.035	24.555	2500	SEBF	N	83 #	<i>Lithocarpus xylocarpus</i> , <i>Lithocarpus jingdongensis</i> , <i>Castanopsis wattii</i> , <i>Schima noronhae</i>	508.6	12.1	10.0	10.8	1169.4	[138]
Yunnan, Ailao Mt.	101.035	24.555	2450	SEBF	N	121 #	<i>Lithocarpus xylocarpus</i> , <i>Lithocarpus jingdongensis</i> , <i>Castanopsis wattii</i> , <i>Schima noronhae</i>	293.0	7.7	9.0	10.8	1169.4	[138]
Guangxi, Cenxi	111.045	22.915	312.5	SECF	P	16 #	<i>Pinus massoniana</i>	102.7			20.6	1685.2	[139]
Sichuan, Guangyuan	105.845	32.075	516.7	SDBF	P	2	<i>Alnus formosana</i>		5.8		14.6	1018.4	[140]
Guangdong, Longdong Forest Farm	113.385	23.105	125	SEBF	P	6	<i>Acacia mangium</i>		19.9		22.0	1828.1	[141]
Chongqing, Wanzhou	108.405	30.615	1080.3	SECF	N	48 #	<i>Pinus massoniana</i>	145.5			13.5	1364.5	[142]
Yunnan, Xianggelila	100.135	27.525	3677	SSEBF	N	#	<i>Quercus pannosa</i>	192.3			9.8	793.1	[143]
Yunnan, Xianggelila	100.135	27.525	3984	SSEBF	N	#	<i>Quercus pannosa</i>	205.6			9.8	793.1	[143]
Yunnan, Xianggelila	100.135	27.525	4003	SSEBF	N	#	<i>Quercus pannosa</i>	190.5			9.8	793.1	[143]
Yunnan, Xianggelila	100.135	27.525	3134	SSEBF	N	#	<i>Quercus pannosa</i>	235.0			9.8	793.1	[143]
Yunnan, Xianggelila	100.135	27.525	2769	SSEBF	N	#	<i>Quercus pannosa</i>	302.7			9.8	793.1	[143]

Yunnan, Xianggelila	100.135	27.525	2016	SSEBF	N	#	<i>Quercus pannosa</i>	315.4	9.8	793.1	[143]	
Yunnan, Xianggelila	100.135	27.525	2868.5	SSEBF	N	#	<i>Quercus pannosa</i>	276.4	9.8	793.1	[143]	
Yunnan, Xianggelila	100.135	27.525	2494	SSEBF	N	#	<i>Quercus pannosa</i>	323.3	9.8	793.1	[143]	
Yunnan, Xianggelila	100.135	27.525	3385	SSEBF	N	#	<i>Quercus pannosa</i>	267.4	9.8	793.1	[143]	
Yunnan, Xianggelila	100.135	27.525	1981.5	SSEBF	N	#	<i>Quercus pannosa</i>	349.7	9.8	793.1	[143]	
Guizhou, Maolan	108.085	25.285	600	SEDBF *	N	#	<i>Platycarya strobilacea,</i> <i>Clausena dunniana,</i> <i>Cyclobalanopsis</i> <i>glauca, Sapium</i> <i>rotundifolium,</i> <i>Boniodendron minus,</i> <i>Mallotus philippensis</i>	168.6	17.4	1411.6	[144]	
Guangdong, Pearl River Delta	113.505	23.105	28	SECF	P	#	<i>Pinus massoniana</i>	302.0	21.9	1846.2	[145]	
Guangdong, Pearl River Delta	113.505	23.105	28	SECF	P	#	<i>Pinus massoniana</i>	370.0	21.9	1846.2	[145]	
Guangdong, Pearl River Delta	113.505	23.105	28	SECF	P	#	<i>Pinus massoniana</i>	228.0	21.9	1846.2	[145]	
Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus</i> <i>camaldulensis</i>	12.4	0.8	20.8	720.6	[146]
Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus</i> <i>camaldulensis</i>	16.3	0.8	20.8	720.6	[146]
Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus</i> <i>camaldulensis</i>	58.7	1.3	20.8	720.6	[146]
Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus</i> <i>camaldulensis</i>	25.5	1.6	20.8	720.6	[146]

Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus camaldulensis</i>	26.6	1.1	20.8	720.6	[146]
Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus camaldulensis</i>	45.7	2.5	20.8	720.6	[146]
Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus camaldulensis</i>	46.1	1.7	20.8	720.6	[146]
Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus camaldulensis</i>	50.4	2.6	20.8	720.6	[146]
Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus camaldulensis</i>	55.6	2.2	20.8	720.6	[146]
Yunnan, Yuanmou	101.835	25.775	1200	SEBF	P		<i>Eucalyptus camaldulensis</i>	94.3	3.6	20.8	720.6	[146]
Guangdong, Heishiding	111.885	23.455	250	SCBF	N	#		195.3		18.5	1748.0	[147]
Guangdong, Heishiding	111.885	23.455	250	SECF	N		<i>Pinus massoniana</i>	167.7		18.5	1748.0	[147]
Guangdong, Heishiding	111.885	23.455	425	SECF	N	#	<i>Pinus massoniana</i>	246.7	14.7	18.5	1748.0	[148]
Guangdong, Heishiding	111.885	23.455	425	SCBF	N	#	<i>Pinus massoniana, Castanopsis kawakamii, Schima superba, Liquidambar formosana</i>	287.4	17.2	18.5	1748.0	[148]
Guangdong, Heishiding	111.885	23.455	425	SEBF	N	#	<i>Ixonanthes chinensis, Ormosia glaberrima, Cryptocarya concinna</i>	357.5	18.7	18.5	1748.0	[148]
Hunan, Huayuan	110.515	27.505	704.5	SDBF	P	5	<i>Alnus cremastogyne</i>	54.7	10.9	13.8	1461.9	[149]
Hunan, Miluo	113.065	28.805	180	SDBF	P	5	<i>Alnus cremastogyne</i>	57.7	11.5	17.1	1392.9	[149]
Yunan, Xishuangbanna	101.105	22.425	1077	SEDBF	P	13 #	<i>Betula alnoides, Cinnamomum cassia</i>	136.9	9.2	19.8	1502.4	[150]

Yunan, Xishuangbanna	101.105	22.425	1077	SDBF	P	13 #	<i>Betula alnoides</i>	115.9	8.0	19.8	1502.4	[150]
Yunan, Xishuangbanna	101.105	22.425	1077	SDBF	N	13	<i>Betula alnoides</i>	102.5		19.8	1502.4	[150]
Yunan, Xishuangbanna	101.105	22.425	1077	TRSF	N	13		68.2		19.8	1502.4	[150]
Hunan, Huitong	109.755	26.835	400	SECF	P	14	<i>Cunninghamia lanceolata</i>	104.7		16.7	1244.1	[151]
Hunan, Changsha	112.905	27.835	125	SEBF	P	18 #	<i>Cinnamomum camphora</i>	111.1	12.1	17.2	1372.0	[152]
Guangxi, Gaofeng Forest Farm	108.355	22.975	275	SEBF	P	3	<i>Eucalyptus urophylla</i> , <i>Acacia mangium</i>	28.6	9.5	20.8	1375.7	[153]
Guangxi, Gaofeng Forest Farm	108.355	22.975	275	SEBF	P	3	<i>Eucalyptus urophylla</i> , <i>Acacia mangium</i>	47.9	16.0	20.8	1375.7	[153]
Guangxi, Gaofeng Forest Farm	108.355	22.975	275	SEBF	P	3	<i>Eucalyptus urophylla</i> , <i>Acacia mangium</i>	106.9	35.6	20.8	1375.7	[153]
Guangxi, Gaofeng Forest Farm	108.355	22.975	275	SEBF	P	3	<i>Eucalyptus urophylla</i> , <i>Acacia mangium</i>	49.5	16.5	20.8	1375.7	[153]
Guangxi, Gaofeng Forest Farm	108.355	22.975	275	SEBF	P	3	<i>Eucalyptus urophylla</i> , <i>Acacia mangium</i>	76.6	25.5	20.8	1375.7	[153]
Guangxi, Gaofeng Forest Farm	108.355	22.975	275	SEBF	P	3	<i>Eucalyptus urophylla</i>	84.6	28.2	20.8	1375.7	[153]

Guangxi, Dongmen Forest Farm	107.625	22.395	200	SEBF	P	7	<i>Eucalyptus robusta</i>	102.7	14.7	22.0	1365.4	[154]	
Hunan, Liuyang	114.125	28.395	900	SECF	P	16 #	<i>Cryptomeria japonica,</i> <i>Cunninghamia lanceolata</i>	268.0	16.8	12.9	1838.6	[155]	
Guangdong, Dinghu Mt.	112.545	23.175	200	SEBF	N	#	<i>Erythrophleum fordii</i>	568.2		27.8	21.4	1760.0	[156]
Hunan, Changsha	113.035	28.115	79	SDBF	P	21 #	<i>Liquidambar formosana</i>	154.0		1.0	17.1	1397.2	[157]
Guangdong, Nanhua farm	110.225	20.455	50	SCBF	P		<i>Acacia confusa,</i> <i>Casuarina equisetifolia</i>		9.9	5.6	23.0	1699.6	[158]
Guangdong, Nanhua farm	110.225	20.455	50	SEBF	P		<i>Acacia confusa</i>		10.2	6.7	23.0	1699.6	[158]
Guangdong, Nanhua farm	110.225	20.455	50	SECF	P		<i>Casuarina equisetifolia</i>		10.7	4.5	23.0	1699.6	[158]
Guangdong, Nanhua farm	110.225	20.455	50	SEBF	P		<i>Eucalyptus exserta</i>		8.0	6.1	23.0	1699.6	[158]
Hunan, Huitong	109.785	26.915	400	SEBF	P	5	<i>Cinnamomum camphora</i>	1.2			16.1	1262.3	[159]
Hunan, Huitong	109.785	26.915	400	SEBF	P	5	<i>Elaeocarpus decipiens,</i> <i>Cinnamomum camphora</i>	3.9			16.1	1262.3	[159]
Hunan, Huitong	109.785	26.915	400	SEBF	P	5	<i>Michelia chapensis,</i> <i>Manglietia insignis</i>	3.1			16.1	1262.3	[159]
Hunan, Huitong	109.785	26.915	400	SEBF	P	5	<i>Elaeocarpus decipiens,</i> <i>Michelia chapensis</i>	3.0			16.1	1262.3	[159]
Yunnan, Huize	103.405	26.455	2480	SECF	P	16	<i>Pinus armandii</i>	45.4		10.2	12.4	875.6	[160]
Yunnan, Jinggu	100.585	23.355	1425	SECF	P	30 #	<i>Pinus kesiya</i> var. <i>langbianensis</i>	104.4			17.4	1353.6	[161]

Jiangxi, Wannian	115.665	26.775	150	SCBF	P	#	<i>Pinus massoniana</i> , <i>Schima superba</i>	145.1			17.2	1675.6	[162]	
Guangdong, Guangzhou	113.295	23.185	288	SECF	N	47 #	<i>Pinus massoniana</i>	103.7			21.4	1858.1	[163]	
Guangdong, Guangzhou	113.295	23.185	288	SECF	P	6	<i>Pinus caribaea</i>	30.0			21.4	1858.1	[163]	
Guangdong, Guangzhou	113.295	23.185	288	SEBF	P	6	<i>Castanopsis fissa</i>	50.9			21.4	1858.1	[163]	
Guangdong, Guangzhou	113.295	23.185	288	SEBF	P	6	<i>Acacia mangium</i>	70.5			21.4	1858.1	[163]	
Guangdong, Guangzhou	113.295	23.185	288	SEBF	P	6	<i>Acacia mangium</i> , <i>Schima superba</i>	98.3			21.4	1858.1	[163]	
Guangdong, Dinghu Mt.	112.545	23.175	200	SEBF	N			208.4	5.7	17.7	21.4	1760.0	[164]	
Guizhou, Chishui	106.095	28.555	930	SECF	P	17 #	<i>Pinus fenzeliana</i>	161.2	10.6	19.9	17.8	1095.1	[165]	
Guangdong, Dinghu Mt.	112.535	23.175	240	SEBF	N	#	<i>Cryptocarya concinna</i>	196.0	20.6	18.4	20.3	1816.0	[166]	
Guangdong, Yangshan	112.755	24.475	100	SDBF	N	34 #	<i>Zenia insignis</i>	125.4			12.6	20.0	1728.2	[167]
Guangxi, Huangmian Forest Farm	109.855	24.855	314	SEBF	N			100.0	24.7	6.5	18.0	1625.7	[168]	
Guangxi, Huangmian Forest Farm	109.855	24.855	314	SECF	P	24 #	<i>Cunninghamia lanceolata</i>	136.4			18.0	1625.7	[169]	
Guangxi, Huangmian Forest Farm	109.855	24.855	314	SECF	P	14	<i>Cunninghamia lanceolata</i>	92.8			18.0	1625.7	[169]	
Guangxi, Huangmian Forest Farm	109.855	24.855	314	SECF	P	9	<i>Cunninghamia lanceolata</i>	54.9			18.0	1625.7	[169]	
Guangxi, Huangmian Forest Farm	109.855	24.855	314	SECF	P	41 #	<i>Pinus massoniana</i>	234.2			18.0	1625.7	[169]	
Guangxi, Huangmian Forest Farm	109.855	24.855	314	SECF	P	17	<i>Pinus massoniana</i>	170.0			18.0	1625.7	[169]	

Guangxi, Huangmian Forest Farm	109.855	24.855	314	SECF	P	9	<i>Pinus massoniana</i>	102.0		18.0	1625.7	[169]	
Chongqing, Tieshanping Forest Farm	106.685	29.635	490	SECF	N	46 #	<i>Pinus massoniana</i>	146.1	8.3	18.0	1103.4	[170]	
Hunan, Huitong	109.755	25.675	400	SECF	P	31 #	<i>Cunninghamia lanceolata</i>	193.8		6.0	17.6	1566.2	[171]
Yunnan, Xishuangbanna	101.205	21.975	650	TRSF	N	#	<i>Pometia pinnata</i>	692.6	25.8	6.9	21.8	1400.5	[172]
Yunnan, Xianggelila	101.175	21.965	750	TRSF	N	#	<i>Terminalia myriocarpa, Pometia pinnata</i>	597.7			20.2	1502.2	[173]
Yunnan, Xishuangbanna	101.205	21.975	650	TRSF	N				25.8		21.8	1400.5	[174]
Yunnan, Xianggelila	100.905	21.875	1460	TRSF	N	#	<i>Sapium baccatum, Chukrasia tabularis, Aporosa dioica, Winchia calophylla, Canarium strictum</i>	312.6			22.0	1310.7	[175]
Sichuan, Gongga Mt.	101.885	29.605	3050	SECF	N	170 #	<i>Abies fabri</i>	351.8	11.3		-12.2	1376.0	[176]
Sichuan, Gongga Mt.	101.885	29.605	3050	SCBF	N	92 #		267.0	9.9		-12.2	1376.0	[176]
Sichuan, Gongga Mt.	101.885	29.605	3050	SCBF	N	52 #		121.8	5.6		-12.2	1376.0	[176]
Sichuan, Wolong Nature Reserve	103.135	31.085	2750	SECF	P	22 #	<i>Larix mastersiana</i>	135.2	10.8		2.4	1057.1	[177]
Guangdong, Xuwen	110.225	20.455	50	SDBF	P	30 #	<i>Hevea brasiliensis, Amomum villosum</i>	139.9	24.2		23.0	1699.6	[178]
Guangdong, Xuwen	110.225	20.455	50	SDBF	P	30 #	<i>Hevea brasiliensis</i>	99.0	12.9		23.0	1699.6	[178]

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Note: Almost papers are in Chinese with English abstract. We label “In English” if a paper is fully written in English.

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