

**Supplementary material**

**Tree height is more important than bark thickness, leaf habit or habitat preference to survive fire  
in the cerrado of south-east Brazil**

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**Table S1.** List, ordered alphabetically by species name, of the 367 trees used in the analysis of this study. ‘Year’ is the year when the seedling was planted or started growing in situ from seed; ‘h17’ is the pre-fire height (cm); ‘d17’ is the pre-fire diameter (cm); ‘h19’ is the post-fire height (cm); ‘d19’ is the post-fire diameter (cm); ‘bt’ is bark thickness (mm); ‘rbt’ is relative bark thickness (proportion of post-fire stem diameter that is bark); ‘cl’ is canopy loss (%); ‘fh’ is flame height (cm); ‘imp’ is the level of fire impact: unburnt (U), low (L), medium (M) and high (H); ‘tk’ is top-killed (lack of any live aerial biomass > 30 cm of height from the base of the tree, *sensu* Hoffmann *et al.* 2009), with non-top-killed as ‘0’ and top-killed as ‘1’; ‘dead’ (whether the tree is completely dead), ‘root’ (presence of live root suckers), ‘bas’ (presence of live basal resprouts), ‘epi’ (presence of live epicormic resprouts), and ‘ali’ (presence of live undamaged parts) are the tree statuses; in all cases, ‘0’ indicates absence and ‘1’ presence. The columns ‘lf’ and ‘hb’ refer, respectively, to leaf habit (‘D’ is deciduous and ‘E’ is evergreen) and habitat preference (‘S’ is savanna specialist and ‘G’ is generalist). Note that a tree can have more than one status, and a top-killed tree can have live resprouts (e.g., epicormic resprouts 2-30 cm of height from stem base). When a tree only had basal resprouts, or both basal resprouts and root suckers, post-fire height is the height of the tallest living basal resprout, but post-fire diameter and bark thickness correspond to the main stem.

family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
<i>Lamiaceae</i>	<i>Aegiphila verticillata</i> Vell.	2005	370	9.5	420	11.1	13	0.29	50	83	L	0	0	0	0	1	1	D	S
<i>Lamiaceae</i>	<i>Aegiphila verticillata</i> Vell.	2005	260	12.4	250	12.3	6	0.11	50	54	L	0	0	0	0	1	1	D	S
<i>Rubiaceae</i>	<i>Alibertia edulis</i> (Rich.) A.Rich.	2007	270	11.0	370	11.9	4	0.12	0	0	U	0	0	0	0	0	1	E	S
<i>Rubiaceae</i>	<i>Alibertia edulis</i> (Rich.) A.Rich.	2007	290	16.7	380	19.9	4	0.06	100	130	H	0	0	0	0	1	0	E	S
<i>Rubiaceae</i>	<i>Alibertia edulis</i> (Rich.) A.Rich.	2007	260	10.1	380	12.7	5	0.11	100	180	H	0	0	0	1	1	0	E	S
<i>Rubiaceae</i>	<i>Alibertia edulis</i> (Rich.) A.Rich.	2007	340	11.0	400	13.8	7	0.10	100	175	H	0	0	0	1	1	0	E	S
<i>Anacardiaceae</i>	<i>Anacardium occidentale</i> L.	2009	260	7.7	180	9.0	6	0.17	100	36	H	0	0	0	0	1	0	D	S
<i>Anacardiaceae</i>	<i>Anacardium occidentale</i> L.	2009	170	3.0	90	3.3	2	0.12	100	200	H	1	0	1	1	1	0	D	S
<i>Fabaceae</i>	<i>Anadenanthera peregrina</i> var. <i>falcata</i> (Benth.) Altschul	2005	1020	29.0	1300	34.1	58	0.34	10	32	L	0	0	0	0	0	1	D	G
<i>Fabaceae</i>	<i>Anadenanthera peregrina</i> var. <i>falcata</i> (Benth.) Altschul	2005	980	27.0	1100	30.7	62	0.40	10	56	L	0	0	0	0	0	1	D	G
<i>Fabaceae</i>	<i>Anadenanthera peregrina</i> var. <i>falcata</i> (Benth.) Altschul	2005	1100	28.3	1200	32.0	38	0.24	5	31	L	0	0	0	0	1	1	D	G

family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
Fabaceae	<i>Anadenanthera peregrina</i> var. <i>falcata</i> (Benth.) Altschul	2005	800	25.3	1000	29.0	63	0.43	20	88	M	0	0	0	0	1	1	D	G
Fabaceae	<i>Andira anthelmia</i> (Vell.) Benth.	2012	220	7.0	440	10.8	18	0.33	50	90	M	0	0	0	0	1	1	D	G
Annonaceae	<i>Annona coriacea</i> Mart.	2008	160	4.0	200	4.4	4	0.16	95	143	M	0	0	0	0	1	1	D	S
Annonaceae	<i>Annona coriacea</i> Mart.	2008	108	0.9	70	1.1	1	0.18	0	108	H	1	0	0	1	0	0	D	S
Annonaceae	<i>Annona coriacea</i> Mart.	2008	115	1.6	92	1.9	1	0.11	100	100	H	1	0	0	1	0	0	D	S
Annonaceae	<i>Annona coriacea</i> Mart.	2009	90	1.6	60	1.6	1	0.15	100	90	H	1	0	0	1	0	0	D	S
Annonaceae	<i>Annona crassiflora</i> Mart.	2008	350	23.0	750	24.6	29	0.24	0	0	U	0	0	0	0	0	1	D	S
Annonaceae	<i>Annona crassiflora</i> Mart.	2008	680	19.2	740	19.9	23	0.23	0	0	U	0	0	0	0	1	1	D	S
Annonaceae	<i>Annona crassiflora</i> Mart.	2008	800	22.0	800	22.9	26	0.23	30	42	L	0	0	0	0	1	1	D	S
Annonaceae	<i>Annona crassiflora</i> Mart.	2008	660	21.0	700	22.2	25	0.23	0	0	U	0	0	0	0	1	1	D	S
Annonaceae	<i>Annona crassiflora</i> Mart.	2008	720	25.6	800	27.8	28	0.20	0	5	L	0	0	0	0	1	1	D	S
Annonaceae	<i>Annona crassiflora</i> Mart.	2012	206	4.7	330	7.5	16	0.43	100	140	M	0	0	0	0	1	0	D	S
Annonaceae	<i>Annona crassiflora</i> Mart.	2012	150	3.4	240	5.5	10	0.36	100	100	M	0	0	0	0	1	0	D	S
Annonaceae	<i>Annona dioica</i> A.St.-Hil.	2013	250	3.0	110	3.1	3	0.16	70	70	M	0	0	1	1	1	1	D	S
Annonaceae	<i>Annona dioica</i> A.St.-Hil.	2013	190	2.5	65	2.5	2	0.12	100	90	H	1	0	0	1	0	0	D	S
Annonaceae	<i>Annona dioica</i> A.St.-Hil.	2015	180	4.0	90	4.0	5	0.27	100	86	H	1	0	0	1	0	0	D	S
Apocynaceae	<i>Aspidosperma macrocarpon</i> Mart. & Zucc.	2007	230	4.9	200	8.5	22	0.52	50	240	M	0	0	0	0	0	1	D	S
Apocynaceae	<i>Aspidosperma macrocarpon</i> Mart. & Zucc.	2007	190	3.7	240	7.0	20	0.57	50	220	M	0	0	0	0	1	1	D	S
Apocynaceae	<i>Aspidosperma macrocarpon</i> Mart. & Zucc.	2007	50	1.8	50	1.8	3	0.28	100	48	H	1	0	0	1	0	0	D	S
Apocynaceae	<i>Aspidosperma quirandy</i> Hassl.	2007	250	2.3	170	3.0	4	0.27	100	250	H	1	0	0	0	1	0	D	S
Fabaceae	<i>Bauhinia holophylla</i> (Bong.) Steud.	2006	200	4.2	190	4.5	2	0.09	60	0	H	0	0	0	0	1	1	E	S
Fabaceae	<i>Bauhinia holophylla</i> (Bong.) Steud.	2006	340	12.1	420	16.5	8	0.10	20	65	L	0	0	0	1	1	1	E	S
Fabaceae	<i>Bauhinia holophylla</i> (Bong.) Steud.	2006	40	1.0	69	1.1	2	0.36	100	40	H	1	0	0	1	0	0	E	S
Fabaceae	<i>Bauhinia holophylla</i> (Bong.) Steud.	2006	150	1.6	32	1.6	1	0.06	100	30	H	1	0	0	1	0	0	E	S
Fabaceae	<i>Bauhinia holophylla</i> (Bong.) Steud.	2007	154	2.3	200	3.0	2	0.10	100	71	H	1	0	0	1	1	0	E	S
Fabaceae	<i>Bowdichia virgilioides</i> Kunth	2007	590	11.3	760	13.3	21	0.32	0	5	L	0	0	0	0	0	1	D	S
Fabaceae	<i>Bowdichia virgilioides</i> Kunth	2007	480	10.3	650	12.5	18	0.29	0	22	L	0	0	0	0	0	1	D	S
Fabaceae	<i>Bowdichia virgilioides</i> Kunth	2007	530	11.5	620	13.6	18	0.26	0	36	L	0	0	0	0	0	1	D	S
Fabaceae	<i>Bowdichia virgilioides</i> Kunth	2007	520	13.1	650	15.5	19	0.25	0	5	L	0	0	0	0	0	1	D	S
Fabaceae	<i>Bowdichia virgilioides</i> Kunth	2008	130	3.8	180	4.9	12	0.49	0	44	L	0	0	0	0	1	1	D	S
Moraceae	<i>Brosimum gaudichaudii</i> Trécul	2007	180	1.0	60	1.0	1	0.10	100	100	H	1	0	0	1	0	0	D	S
Moraceae	<i>Brosimum gaudichaudii</i> Trécul	2007	360	3.6	75	3.6	2	0.11	100	25	H	1	0	0	1	0	0	D	S
Moraceae	<i>Brosimum gaudichaudii</i> Trécul	2007	490	6.8	46	6.8	4	0.10	100	93	H	1	0	0	1	0	0	D	S

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Malpighiaceae	<i>Byrsonima intermedia</i> A.Juss.	2013	149	3.1	260	5.4	2	0.08	0	0	U	0	0	0	0	0	1	E	S
Malpighiaceae	<i>Byrsonima intermedia</i> A.Juss.	2005	416	17.8	520	22.3	7	0.10	20	0	U	0	0	0	0	0	1	E	S
Malpighiaceae	<i>Byrsonima intermedia</i> A.Juss.	2015	72	1.8	180	4.4	3	0.11	30	90	M	0	0	0	1	1	1	E	S
Malpighiaceae	<i>Byrsonima laxiflora</i> Griseb.	2007	580	20.2	580	23.5	19	0.16	100	500	H	1	1	0	0	0	0	E	G
Malpighiaceae	<i>Byrsonima laxiflora</i> Griseb.	2007	370	16.5	630	13.7	12	0.18	100	0	H	0	0	0	0	1	0	E	G
Malpighiaceae	<i>Byrsonima laxiflora</i> Griseb.	2007	500	18.2	280	22.0	10	0.09	100	210	H	0	0	0	0	1	0	E	G
Malpighiaceae	<i>Byrsonima laxiflora</i> Griseb.	2007	360	12.1	150	20.4	16	0.16	100	120	H	0	0	0	0	1	0	E	G
Malpighiaceae	<i>Byrsonima laxiflora</i> Griseb.	2007	380	20.8	540	20.6	4	0.07	100	200	H	0	0	0	1	1	0	E	G
Caryocaraceae	<i>Caryocar brasiliense</i> Cambess.	2012	300	4.8	270	7.7	15	0.39	100	170	H	0	0	0	0	1	0	D	S
Caryocaraceae	<i>Caryocar brasiliense</i> Cambess.	2005	550	15.0	550	16.1	23	0.29	100	142	H	0	0	0	0	1	0	D	S
Caryocaraceae	<i>Caryocar brasiliense</i> Cambess.	2005	460	15.0	500	16.1	30	0.37	100	151	H	0	0	0	0	1	0	D	S
Caryocaraceae	<i>Caryocar brasiliense</i> Cambess.	2006	335	12.0	350	12.1	28	0.46	100	34	H	0	0	0	0	1	0	D	S
Caryocaraceae	<i>Caryocar brasiliense</i> Cambess.	2005	490	16.0	520	18.5	29	0.31	100	63	H	0	0	0	0	1	0	D	S
Caryocaraceae	<i>Caryocar brasiliense</i> Cambess.	2005	304	13.2	380	16.5	26	0.32	100	86	H	0	0	0	0	1	0	D	S
Caryocaraceae	<i>Caryocar brasiliense</i> Cambess.	2012	330	7.5	200	11.2	18	0.39	100	300	H	0	0	0	1	1	0	D	S
Caryocaraceae	<i>Caryocar</i> sp.	2012	110	1.2	60	2.0	7	0.70	100	114	H	1	0	0	0	1	0	D	S
Caryocaraceae	<i>Caryocar</i> sp.	2012	320	12.9	510	20.1	14	0.18	70	104	M	0	0	0	0	1	0	D	S
Urticaceae	<i>Cecropia pachystachya</i> Trécul	2006	700	17.5	730	18.9	4	0.04	0	200	L	0	0	0	0	0	1	E	G
Urticaceae	<i>Cecropia pachystachya</i> Trécul	2006	360	15.0	330	13.7	5	0.07	0	50	U	0	0	0	0	0	1	E	G
Urticaceae	<i>Cecropia pachystachya</i> Trécul	2007	680	13.2	880	15.2	3	0.04	5	35	L	0	0	0	0	1	1	E	G
Urticaceae	<i>Cecropia pachystachya</i> Trécul	2006	460	9.0	480	8.4	4	0.10	10	55	L	0	0	0	0	1	1	E	G
Meliaceae	<i>Cedrela fissilis</i> Vell.	2009	533	15.3	800	23.0	20	0.17	10	200	L	0	0	0	0	0	1	D	G
Sapotaceae	<i>Chrysophyllum marginatum</i> (Hook. & Arn.) Radlk.	2012	200	5.0	120	5.0	1	0.04	100	200	H	1	0	0	1	0	0	E	G
Polygonaceae	<i>Coccoloba mollis</i> Casar.	2010	200	6.1	220	7.8	10	0.26	100	85	M	0	0	0	1	1	0	D	S
Fabaceae	<i>Copaifera langsdorffii</i> Desf.	2005	490	13.3	750	14.7	9	0.12	0	0	U	0	0	0	0	0	1	E	G
Fabaceae	<i>Copaifera langsdorffii</i> Desf.	2005	520	15.2	700	19.4	13	0.20	0	0	U	0	0	0	0	0	1	E	G
Fabaceae	<i>Copaifera langsdorffii</i> Desf.	2005	520	17.5	700	21.8	9	0.08	0	0	U	0	0	0	0	0	1	E	G
Fabaceae	<i>Copaifera langsdorffii</i> Desf.	2005	600	22.1	750	28.1	12	0.09	0	0	U	0	0	0	0	1	1	E	G
Fabaceae	<i>Copaifera langsdorffii</i> Desf.	2005	620	30.1	720	39.0	13	0.07	0	0	U	0	0	0	0	1	1	E	G
Chrysobalanaceae	<i>Couepia grandiflora</i> (Mart. & Zucc.) Benth.	2010	189	4.1	270	5.8	14	0.48	100	250	H	0	0	0	0	1	0	D	S
Rubiaceae	<i>Coussarea hydrangeifolia</i> (Benth.) Müll.Arg.	2007	250	9.0	350	12.1	12	0.20	100	90	H	0	0	0	0	1	0	E	G
Rubiaceae	<i>Coussarea hydrangeifolia</i> (Benth.) Müll.Arg.	2007	230	9.6	300	12.0	11	0.30	100	160	H	0	0	0	0	1	0	E	G
Sapindaceae	<i>Cupania tenuivalvis</i> Radlk.	2007	160	1.7	110	1.7	1	0.12	100	160	H	1	0	0	1	0	0	E	G

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Sapindaceae	<i>Cupania tenuivalvis</i> Radlk.	2006	95	1.0	60	1.0	1	0.20	100	95	H	1	0	0	1	0	0	E	G
Dilleniaceae	<i>Curatella americana</i> L.	2011	300	9.5	270	9.7	15	0.31	100	260	H	0	0	0	0	1	0	D	S
Dilleniaceae	<i>Curatella americana</i> L.	2010	210	11.6	400	17.1	20	0.31	100	198	H	0	0	0	0	1	0	D	S
Bignoniaceae	<i>Cuspidaria sceptrum</i> (Cham.) L.G.Lohmann	2009	150	1.0	130	1.0	1	0.20	100	130	H	1	0	0	1	0	0	D	S
Bignoniaceae	<i>Cuspidaria sceptrum</i> (Cham.) L.G.Lohmann	2009	200	2.7	180	2.7	1	0.06	100	200	H	1	0	0	1	0	0	D	S
Bignoniaceae	<i>Cuspidaria sceptrum</i> (Cham.) L.G.Lohmann	2009	200	2.3	2	2.3	1	0.09	100	140	H	1	0	0	1	0	0	D	S
Bignoniaceae	<i>Cybistax antisyphilitica</i> (Mart.) Mart.	2005	435	8.6	450	7.9	27	0.68	0	75	L	0	0	0	0	0	1	D	S
Bignoniaceae	<i>Cybistax antisyphilitica</i> (Mart.) Mart.	2005	170	4.6	240	3.9	14	0.72	100	184	H	0	0	0	0	1	1	D	S
Bignoniaceae	<i>Cybistax antisyphilitica</i> (Mart.) Mart.	2005	290	6.6	400	6.7	18	0.54	50	215	M	0	0	0	0	1	1	D	S
Bignoniaceae	<i>Cybistax antisyphilitica</i> (Mart.) Mart.	2005	455	11.0	510	9.9	20	0.40	10	205	L	0	0	0	0	1	1	D	S
Bignoniaceae	<i>Cybistax antisyphilitica</i> (Mart.) Mart.	2005	380	11.9	530	11.8	31	0.53	20	390	M	0	0	0	0	1	1	D	S
Sapindaceae	<i>Dilodendron bipinnatum</i> Radlk.	2012	163	3.0	163	3.0	1	0.07	100	163	H	1	1	0	0	0	0	D	G
Fabaceae	<i>Dimorphandra mollis</i> Benth.	2007	560	9.0	540	10.6	22	0.42	0	28	L	0	0	0	0	0	1	E	S
Fabaceae	<i>Dimorphandra mollis</i> Benth.	2005	640	20.0	1000	23.5	30	0.26	0	0	U	0	0	0	0	0	1	E	S
Fabaceae	<i>Dimorphandra mollis</i> Benth.	2005	730	22.8	1000	25.4	38	0.30	0	31	L	0	0	0	0	0	1	E	S
Ebenaceae	<i>Diospyros lasiocalyx</i> (Mart.) B. Walln.	2005	450	9.0	540	9.0	10	0.22	0	0	U	0	0	0	0	1	1	D	S
Ebenaceae	<i>Diospyros lasiocalyx</i> (Mart.) B. Walln.	2005	640	15.2	900	18.5	13	0.14	20	0	U	0	0	0	0	1	1	D	S
Ebenaceae	<i>Diospyros lasiocalyx</i> (Mart.) B. Walln.	2005	315	8.1	450	10.3	12	0.23	10	23	L	0	0	0	0	1	1	D	S
Ebenaceae	<i>Diospyros lasiocalyx</i> (Mart.) B. Walln.	2005	490	11.5	570	13.5	12	0.18	10	21	L	0	0	0	0	1	1	D	S
Ebenaceae	<i>Diospyros lasiocalyx</i> (Mart.) B. Walln.	2005	290	7.7	340	9.7	16	0.33	30	5	L	0	0	0	0	1	1	D	S
Ebenaceae	<i>Diospyros lasiocalyx</i> (Mart.) B. Walln.	2009	530	10.5	530	14.5	24	0.33	20	95	L	0	0	1	1	1	1	D	S
Ebenaceae	<i>Diospyros lasiocalyx</i> (Mart.) B. Walln.	2005	490	8.2	550	10.5	13	0.24	25	15	L	0	0	0	0	1	1	D	S
Fabaceae	<i>Dipteryx odorata</i> (Aubl.) Willd.	2005	720	16.3	1100	22.0	21	0.19	0	0	U	0	0	0	0	0	1	E	G
Fabaceae	<i>Dipteryx odorata</i> (Aubl.) Willd.	2005	780	27.4	1100	28.5	24	0.23	0	0	U	0	0	0	0	0	1	E	G
Fabaceae	<i>Dipteryx odorata</i> (Aubl.) Willd.	2005	740	19.2	1000	26.1	23	0.20	0	0	U	0	0	0	0	0	1	E	G
Fabaceae	<i>Dipteryx odorata</i> (Aubl.) Willd.	2005	800	27.0	1100	32.8	19	0.12	0	0	U	0	0	0	0	0	1	E	G
Fabaceae	<i>Dipteryx odorata</i> (Aubl.) Willd.	2005	780	25.1	900	30.4	25	0.22	0	0	U	0	0	0	0	0	1	E	G
Annonaceae	<i>Duguetia furfuracea</i> (A.St.-Hil.) Saff.	2012	163	3.7	260	5.9	8	0.27	80	80	M	0	0	0	0	1	0	E	S
Annonaceae	<i>Duguetia furfuracea</i> (A.St.-Hil.) Saff.	2009	270	5.8	95	8.0	9	0.23	100	150	H	0	0	0	1	1	0	E	S
Fabaceae	<i>Enterolobium gummiferum</i> (Mart.) J.F.Macbr.	2005	592	17.9	740	22.4	48	0.43	10	200	L	0	0	0	0	0	1	D	S
Fabaceae	<i>Enterolobium gummiferum</i> (Mart.) J.F.Macbr.	2005	400	18.1	570	19.8	13	0.13	5	140	L	0	0	0	0	0	1	D	S
Fabaceae	<i>Enterolobium gummiferum</i> (Mart.) J.F.Macbr.	1976	1025	45.7	1100	49.0	73	0.30	0	0	U	0	0	0	0	0	1	D	S
Fabaceae	<i>Enterolobium gummiferum</i> (Mart.) J.F.Macbr.	2005	620	19.8	790	21.7	16	0.15	5	29	L	0	0	0	0	1	1	D	S
Fabaceae	<i>Enterolobium gummiferum</i> (Mart.) J.F.Macbr.	2005	400	21.0	550	22.5	57	0.51	10	209	L	0	0	0	0	1	1	D	S

family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
Malvaceae	<i>Eriotheca gracilipes</i> (K.Schum.) A.Robyns	2007	270	7.3	540	10.4	12	0.23	5	150	L	0	0	0	0	0	1	E	S
Malvaceae	<i>Eriotheca gracilipes</i> (K.Schum.) A.Robyns	2007	285	9.1	510	11.5	18	0.31	0	290	L	0	0	0	0	0	1	E	S
Malvaceae	<i>Eriotheca gracilipes</i> (K.Schum.) A.Robyns	2007	185	5.5	320	8.9	20	0.45	0	160	L	0	0	0	0	0	1	E	S
Malvaceae	<i>Eriotheca gracilipes</i> (K.Schum.) A.Robyns	2007	405	12.5	590	16.5	17	0.21	0	210	L	0	0	0	0	0	1	E	S
Malvaceae	<i>Eriotheca gracilipes</i> (K.Schum.) A.Robyns	2007	480	11.6	540	15.8	22	0.28	5	300	L	0	0	0	0	0	1	E	S
Fabaceae	<i>Erythrina mulungu</i> Mart.	2007	500	25.0	700	32.5	35	0.22	0	310	L	0	0	0	0	0	1	D	S
Fabaceae	<i>Erythrina mulungu</i> Mart.	2007	800	44.6	1000	54.5	30	0.11	0	350	L	0	0	0	0	0	1	D	S
Fabaceae	<i>Erythrina mulungu</i> Mart.	2007	600	33.5	800	39.0	35	0.18	5	460	L	0	0	0	0	1	1	D	S
Myrtaceae	<i>Eugenia aurata</i> O.Berg	2010	500	9.2	600	18.4	40	0.43	100	290	H	0	0	0	0	1	0	E	S
Myrtaceae	<i>Eugenia aurata</i> O.Berg	2006	340	16.5	340	28.8	25	0.28	100	300	H	0	0	0	1	1	0	E	S
Myrtaceae	<i>Eugenia klotzschiana</i> O.Berg	2009	120	0.8	37	0.8	0	0.08	100	126	H	1	0	1	1	0	0	E	S
Myrtaceae	<i>Eugenia klotzschiana</i> O.Berg	2009	120	1.7	67	1.7	1	0.06	100	124	H	1	0	1	1	0	0	E	S
Myrtaceae	<i>Eugenia klotzschiana</i> O.Berg	2009	100	1.7	55	1.7	0	0.02	100	109	H	1	0	1	1	0	0	E	S
Myrtaceae	<i>Eugenia myrcianthes</i> Nied.	2006	240	8.8	320	11.3	13	0.23	0	0	U	0	0	0	0	0	1	D	G
Myrtaceae	<i>Eugenia myrcianthes</i> Nied.	2006	440	5.9	330	8.3	10	0.24	10	90	H	0	0	0	0	1	1	D	G
Myrtaceae	<i>Eugenia myrcianthes</i> Nied.	2006	440	12.9	790	18.4	12	0.14	10	0	U	0	0	1	1	1	1	D	G
Myrtaceae	<i>Eugenia myrcianthes</i> Nied.	2006	340	6.4	320	8.1	5	0.12	100	45	M	0	0	1	1	1	1	D	G
Myrtaceae	<i>Eugenia myrcianthes</i> Nied.	2006	468	13.2	670	17.0	15	0.18	20	0	L	0	0	1	0	1	1	D	G
Myrtaceae	<i>Eugenia pluriflora</i> DC.	2007	210	2.2	35	2.2	4	0.36	100	210	H	1	0	1	1	0	0	E	G
Myrtaceae	<i>Eugenia pluriflora</i> DC.	2007	260	6.2	310	7.3	8	0.32	100	260	H	0	0	0	1	1	0	E	G
Myrtaceae	<i>Eugenia pluriflora</i> DC.	2007	210	4.4	150	5.5	6	0.22	100	280	H	0	0	1	1	1	0	E	G
Myrtaceae	<i>Eugenia puniceifolia</i> (Kunth) DC.	2006	240	1.4	104	1.7	1	0.12	100	52	H	1	0	0	1	0	0	E	S
Myrtaceae	<i>Eugenia puniceifolia</i> (Kunth) DC.	2012	69	1.6	97	2.3	1	0.04	100	74	H	1	0	0	1	0	0	E	S
Myrtaceae	<i>Eugenia puniceifolia</i> (Kunth) DC.	2006	180	3.2	15	3.2	2	0.13	100	37	H	1	0	0	1	0	0	E	S
Myrtaceae	<i>Eugenia puniceifolia</i> (Kunth) DC.	2006	180	4.1	18	4.1	2	0.10	100	55	H	1	0	0	1	0	0	E	S
Myrtaceae	<i>Eugenia puniceifolia</i> (Kunth) DC.	2011	90	1.2	95	1.8	1	0.11	100	60	H	1	0	0	1	1	0	E	S
Myrtaceae	<i>Eugenia puniceifolia</i> (Kunth) DC.	2007	95	0.8	50	1.0	2	0.30	100	95	H	1	0	1	1	1	0	E	S
Bignoniaceae	<i>Fridericia platyphylla</i> (Cham.) L.G.Lohmann	2009	250	3.0	230	3.0	1	0.07	100	120	H	1	0	0	1	0	0	E	S
Apocynaceae	<i>Hancornia speciosa</i> Gomes	2005	240	8.9	490	17.3	29	0.34	30	0	U	0	0	0	0	1	1	E	S
Apocynaceae	<i>Hancornia speciosa</i> Gomes	2005	480	16.1	520	22.1	19	0.17	50	0	U	0	0	0	0	1	1	E	S
Bignoniaceae	<i>Handroanthus ochraceus</i> (Cham.) Mattos	2002	480	12.0	480	14.9	16	0.21	100	220	H	0	0	0	0	1	0	D	G
Bignoniaceae	<i>Handroanthus ochraceus</i> (Cham.) Mattos	2013	194	9.4	340	11.9	21	0.35	100	400	H	0	0	0	0	1	0	D	G
Fabaceae	<i>Hymenaea courbaril</i> L.	2007	400	7.3	650	10.1	12	0.24	0	0	U	0	0	0	0	0	1	E	G
Fabaceae	<i>Hymenaea courbaril</i> L.	2005	430	9.1	530	10.3	12	0.23	0	0	U	0	0	0	0	1	1	E	G

family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
Fabaceae	<i>Hymenaea courbaril</i> L.	2007	330	8.4	520	10.4	8	0.14	5	0	U	0	0	0	0	1	1	E	G
Fabaceae	<i>Hymenaea courbaril</i> L.	2007	680	14.8	850	19.0	13	0.14	0	0	U	0	0	0	0	1	1	E	G
Fabaceae	<i>Hymenaea courbaril</i> L.	2005	640	16.4	800	21.7	14	0.13	0	0	U	0	0	0	0	1	1	E	G
Fabaceae	<i>Hymenaea stigonocarpa</i> Mart. ex Hayne	2009	335	4.9	430	6.5	12	0.37	10	14	L	0	0	0	0	1	1	D	S
Fabaceae	<i>Hymenaea stigonocarpa</i> Mart. ex Hayne	2010	240	4.3	350	7.1	8	0.23	50	54	M	0	0	0	0	1	1	D	S
Fabaceae	<i>Hymenaea stigonocarpa</i> Mart. ex Hayne	2009	390	9.2	98	9.4	12	0.26	100	65	H	0	0	0	0	1	0	D	S
Fabaceae	<i>Inga laurina</i> (Sw.) Willd.	2005	600	28.8	750	34.3	8	0.05	5	0	U	0	0	0	0	1	1	E	G
Fabaceae	<i>Inga laurina</i> (Sw.) Willd.	2005	550	25.0	700	33.0	10	0.06	30	5	U	0	0	0	0	1	1	E	G
Fabaceae	<i>Inga laurina</i> (Sw.) Willd.	2005	600	35.6	650	46.4	9	0.06	0	0	U	0	0	0	0	1	1	E	G
Fabaceae	<i>Inga laurina</i> (Sw.) Willd.	2005	650	33.1	850	40.0	18	0.09	20	0	U	0	0	0	0	1	0	E	G
Bignoniaceae	<i>Jacaranda caroba</i> (Vell.) DC.	2010	270	4.0	260	5.2	1	0.04	100	60	H	1	0	0	1	0	0	D	S
Bignoniaceae	<i>Jacaranda cuspidifolia</i> Mart.	2011	190	1.4	250	2.1	1	0.06	100	35	L	0	0	1	1	0	1	D	G
Bignoniaceae	<i>Jacaranda cuspidifolia</i> Mart.	2008	48	0.2	60	0.5	0	0.12	100	43	H	1	0	0	1	0	0	D	G
Bignoniaceae	<i>Jacaranda cuspidifolia</i> Mart.	2011	150	1.5	120	1.5	1	0.08	100	34	H	1	0	0	1	0	0	D	G
Bignoniaceae	<i>Jacaranda cuspidifolia</i> Mart.	2008	20	0.2	26	0.4	0	0.10	100	0	H	1	0	0	1	0	0	D	G
Bignoniaceae	<i>Jacaranda rufa</i> Silva Manso	2006	50	0.7	20	0.7	1	0.29	100	50	H	1	0	0	1	0	0	D	S
Bignoniaceae	<i>Jacaranda rufa</i> Silva Manso	2007	350	1.6	15	1.6	1	0.13	100	140	H	1	0	0	1	0	0	D	S
Calophyllaceae	<i>Kielmeyera coriacea</i> Mart. & Zucc.	2005	290	8.9	330	9.1	19	0.42	5	210	M	0	0	0	0	1	1	D	S
Calophyllaceae	<i>Kielmeyera coriacea</i> Mart. & Zucc.	2005	470	5.3	530	16.4	28	0.34	0	33	L	0	0	0	0	1	1	D	S
Calophyllaceae	<i>Kielmeyera coriacea</i> Mart. & Zucc.	2005	410	13.6	450	14.4	30	0.42	10	290	M	0	0	0	0	1	1	D	S
Calophyllaceae	<i>Kielmeyera coriacea</i> Mart. & Zucc.	2007	300	10.0	420	10.8	25	0.46	20	230	M	0	0	0	1	1	1	D	S
Calophyllaceae	<i>Kielmeyera coriacea</i> Mart. & Zucc.	2005	410	16.1	520	17.8	32	0.50	30	240	M	0	0	1	0	1	0	D	S
Calophyllaceae	<i>Kielmeyera grandiflora</i> (Wawra) Saggi	2009	290	7.0	460	7.8	8	0.21	0	240	L	0	0	0	0	0	1	D	S
Calophyllaceae	<i>Kielmeyera grandiflora</i> (Wawra) Saggi	2010	175	6.8	310	8.3	13	0.31	0	220	L	0	0	0	0	0	1	D	S
Calophyllaceae	<i>Kielmeyera grandiflora</i> (Wawra) Saggi	2009	90	3.1	190	5.2	8	0.31	0	110	L	0	0	0	0	0	1	D	S
Calophyllaceae	<i>Kielmeyera grandiflora</i> (Wawra) Saggi	2010	90	4.1	180	7.7	12	0.31	100	96	H	0	0	0	0	1	0	D	S
Calophyllaceae	<i>Kielmeyera lathrophyton</i> Saggi	2009	260	4.9	260	5.5	7	0.25	100	260	M	0	0	0	0	1	0	D	S
Calophyllaceae	<i>Kielmeyera lathrophyton</i> Saggi	2009	125	3.5	35	5.0	2	0.09	100	10	H	1	0	0	1	1	0	D	S
Calophyllaceae	<i>Kielmeyera rubriflora</i> Cambess.	2014	135	1.0	97	2.0	2	0.20	100	135	H	0	0	0	0	1	0	D	S
Calophyllaceae	<i>Kielmeyera rubriflora</i> Cambess.	2014	130	2.0	170	3.9	12	0.62	100	77	H	0	0	0	0	1	0	D	S
Calophyllaceae	<i>Kielmeyera rubriflora</i> Cambess.	2014	130	1.2	85	2.5	3	0.24	100	130	H	1	0	0	1	1	0	D	S
Lythraceae	<i>Lafoensia pacari</i> A.St.-Hil.	2005	450	21.2	590	23.0	12	0.10	0	0	U	0	0	0	0	0	1	E	G
Lythraceae	<i>Lafoensia pacari</i> A.St.-Hil.	2005	560	18.5	750	22.3	11	0.10	20	22	L	0	0	0	0	1	1	E	G
Lythraceae	<i>Lafoensia pacari</i> A.St.-Hil.	2005	600	21.0	800	25.8	8	0.06	20	60	L	0	0	0	0	1	1	E	G

family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
Lythraceae	<i>Lafoensia pacari</i> A.St.-Hil.	2005	600	21.6	800	26.5	18	0.14	20	63	L	0	0	0	0	1	1	E	G
Lythraceae	<i>Lafoensia pacari</i> A.St.-Hil.	2009	358	7.3	480	9.2	9	0.20	80	0	U	0	0	0	0	1	0	E	G
Lythraceae	<i>Lafoensia pacari</i> A.St.-Hil.	2012	265	5.2	420	10.2	17	0.33	80	0	U	0	0	0	0	1	0	E	G
Lythraceae	<i>Lafoensia pacari</i> A.St.-Hil.	2009	265	5.8	230	6.7	2	0.05	100	20	M	0	0	0	0	1	0	E	G
Lythraceae	<i>Lafoensia vandelliana</i> Cham. & Schtdl.	2005	420	11.3	540	11.1	17	0.31	80	156	L	0	0	0	0	1	0	D	S
Lythraceae	<i>Lafoensia vandelliana</i> Cham. & Schtdl.	2005	290	7.1	340	7.9	13	0.33	100	91	M	0	0	0	0	1	0	D	S
Lythraceae	<i>Lafoensia vandelliana</i> Cham. & Schtdl.	2005	410	13.7	470	12.6	12	0.27	0	165	M	0	0	0	0	1	0	D	S
Fabaceae	<i>Leptolobium elegans</i> Vogel	2005	370	8.0	490	9.2	22	0.48	50	5	L	0	0	0	0	1	1	D	S
Fabaceae	<i>Leptolobium elegans</i> Vogel	2005	385	8.5	470	9.0	26	0.58	50	97	L	0	0	0	0	1	1	D	S
Fabaceae	<i>Leptolobium elegans</i> Vogel	2005	400	11.5	520	12.7	24	0.38	50	290	L	0	0	0	0	1	1	D	S
Fabaceae	<i>Leptolobium elegans</i> Vogel	2005	400	11.0	520	12.7	18	0.28	20	0	U	0	0	0	0	1	1	D	S
Fabaceae	<i>Leptolobium elegans</i> Vogel	2005	385	10.4	450	11.5	22	0.38	20	190	L	0	0	0	0	1	1	D	S
Anacardiaceae	<i>Lithrea molleoides</i> (Vell.) Engl.	2007	300	13.5	450	14.4	10	0.14	50	5	M	0	0	0	0	1	1	E	G
Anacardiaceae	<i>Lithrea molleoides</i> (Vell.) Engl.	2007	400	18.1	550	20.4	8	0.08	50	105	M	0	0	0	0	1	1	E	G
Anacardiaceae	<i>Lithrea molleoides</i> (Vell.) Engl.	2007	450	17.5	520	21.4	8	0.07	60	0	U	0	0	0	0	1	1	E	G
Malvaceae	<i>Luehea divaricata</i> Mart. & Zucc.	2005	180	6.8	200	7.5	3	0.08	100	0	H	0	0	0	0	1	0	E	G
Malvaceae	<i>Luehea divaricata</i> Mart. & Zucc.	2005	28	2.0	35	2.0	2	0.20	100	125	H	1	0	0	1	1	0	E	G
Euphorbiaceae	<i>Mabea fistulifera</i> Mart.	2007	800	28.1	1000	34.0	12	0.07	0	0	U	0	0	1	0	0	1	E	G
Fabaceae	<i>Machaerium aculeatum</i> Raddi	2006	210	5.0	260	3.2	5	0.28	0	0	U	0	0	0	0	0	1	D	G
Fabaceae	<i>Machaerium acutifolium</i> Vogel	2007	290	6.7	190	7.0	8	0.23	0	0	U	0	0	0	0	0	1	D	S
Fabaceae	<i>Machaerium acutifolium</i> Vogel	2007	460	12.0	540	11.7	20	0.34	20	170	M	0	0	0	0	1	1	D	S
Fabaceae	<i>Machaerium acutifolium</i> Vogel	2007	520	17.3	620	18.4	18	0.20	100	250	H	0	0	0	0	1	0	D	S
Fabaceae	<i>Machaerium acutifolium</i> Vogel	2005	360	11.2	330	10.0	16	0.32	100	260	H	0	0	0	0	1	0	D	S
Fabaceae	<i>Machaerium brasiliense</i> Vogel	2004	463	14.1	570	17.4	10	0.11	100	92	H	0	0	0	0	1	0	E	G
Fabaceae	<i>Machaerium brasiliense</i> Vogel	2004	500	15.6	550	19.2	3	0.04	100	54	H	0	0	1	1	1	0	E	G
Sapindaceae	<i>Magonia pubescens</i> A.St.-Hil.	2007	460	7.5	700	7.9	9	0.23	30	60	M	0	0	0	0	1	1	E	S
Sapindaceae	<i>Magonia pubescens</i> A.St.-Hil.	2005	600	17.0	900	18.8	15	0.16	55	420	M	0	0	0	0	1	1	E	S
Sapindaceae	<i>Magonia pubescens</i> A.St.-Hil.	2005	680	16.5	800	18.5	13	0.14	15	230	M	0	0	0	0	1	1	E	S
Sapindaceae	<i>Magonia pubescens</i> A.St.-Hil.	2005	720	16.2	800	20.0	16	0.16	10	5	L	0	0	1	0	1	1	E	S
Sapindaceae	<i>Magonia pubescens</i> A.St.-Hil.	2005	65	2.5	76	3.0	5	0.33	100	75	H	1	0	0	1	0	0	E	S
Euphorbiaceae	<i>Maprounea guianensis</i> Aubl.	2007	480	14.8	450	21.0	6	0.06	100	33	H	0	0	0	0	1	0	D	G
Euphorbiaceae	<i>Maprounea guianensis</i> Aubl.	2007	440	12.0	460	15.8	5	0.06	100	50	H	0	0	0	1	1	0	D	G
Euphorbiaceae	<i>Maprounea guianensis</i> Aubl.	2012	260	6.0	105	10.6	7	0.13	100	400	H	0	0	0	1	1	0	D	G
Areaceae	<i>Mauritia flexuosa</i> L.f.	1984	917	42.2	1000	46.0	2	0.01	0	100	L	0	0	0	0	0	1	E	S



family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
Melastomataceae	<i>Miconia albicans</i> (Sw.) Triana	2006	240	9.0	290	9.6	5	0.12	90	33	M	0	0	0	0	1	1	E	S
Melastomataceae	<i>Miconia albicans</i> (Sw.) Triana	2006	237	9.1	280	9.7	9	0.19	70	5	L	0	0	0	0	1	1	E	S
Melastomataceae	<i>Miconia albicans</i> (Sw.) Triana	2006	190	10.3	240	11.7	3	0.05	100	0	M	0	0	0	0	1	1	E	S
Melastomataceae	<i>Miconia albicans</i> (Sw.) Triana	2006	237	9.8	250	11.0	1	0.03	100	5	M	0	0	0	0	1	0	E	S
Melastomataceae	<i>Miconia rubiginosa</i> (Bonpl.) DC.	2012	180	4.0	140	9.5	10	0.21	100	180	H	0	0	0	1	1	0	E	S
Asteraceae	<i>Moquiniastrum polymorphum</i> (Less.) G. Sancho	2009	440	20.9	490	22.1	14	0.18	95	67	H	0	0	0	0	1	1	E	G
Asteraceae	<i>Moquiniastrum polymorphum</i> (Less.) G. Sancho	2005	620	32.2	800	37.1	27	0.17	80	120	M	0	0	0	0	1	1	E	G
Asteraceae	<i>Moquiniastrum polymorphum</i> (Less.) G. Sancho	2005	500	28.9	550	30.1	25	0.17	70	17	M	0	0	0	0	1	1	E	G
Asteraceae	<i>Moquiniastrum polymorphum</i> (Less.) G. Sancho	2005	600	32.5	650	36.0	40	0.22	80	155	M	0	0	0	0	1	1	E	G
Myrtaceae	<i>Myrcia bella</i> Cambess.	2015	40	0.6	80	1.8	3	0.33	20	26	M	0	0	0	0	1	0	E	S
Myrtaceae	<i>Myrcia guianensis</i> (Aubl.) DC.	2006	270	6.2	260	7.7	2	0.06	100	22	M	0	0	0	0	1	1	E	G
Myrtaceae	<i>Myrcia guianensis</i> (Aubl.) DC.	2006	260	7.4	280	9.8	3	0.10	80	70	M	0	0	0	0	1	1	E	G
Myrtaceae	<i>Myrcia guianensis</i> (Aubl.) DC.	2006	330	7.5	350	8.5	4	0.09	80	60	L	0	0	0	1	1	1	E	G
Myrtaceae	<i>Myrcia guianensis</i> (Aubl.) DC.	2007	150	1.6	46	1.6	3	0.38	100	146	H	1	0	0	1	0	0	E	G
Myrtaceae	<i>Myrcia guianensis</i> (Aubl.) DC.	2006	230	5.7	65	6.6	3	0.12	100	145	H	1	0	1	1	1	0	E	G
Myrtaceae	<i>Myrcia splendens</i> (Sw.) DC.	2007	400	11.6	320	15.1	14	0.19	100	120	H	0	0	0	0	1	0	E	G
Myrtaceae	<i>Myrcia tomentosa</i> (Aubl.) DC.	2014	95	1.0	40	1.0	1	0.10	100	100	H	1	0	0	1	0	0	D	S
Myrtaceae	<i>Myrcia tomentosa</i> (Aubl.) DC.	2014	180	3.5	127	3.8	2	0.09	100	170	H	0	0	0	0	1	0	D	S
Myrtaceae	<i>Myrcia tomentosa</i> (Aubl.) DC.	2014	230	2.5	90	5.0	1	0.04	100	220	H	0	0	0	0	1	0	D	S
Primulaceae	<i>Myrsine coriacea</i> (Sw.) R.Br. ex Roem. & Schult.	2014	250	4.8	3	4.8	4	0.17	100	200	H	1	0	0	1	0	0	E	G
Lauraceae	<i>Nectandra cuspidata</i> Nees	2008	460	11.5	800	16.1	7	0.09	60	33	L	0	0	0	0	1	1	E	G
Lauraceae	<i>Nectandra cuspidata</i> Nees	2008	650	27.0	1000	34.5	16	0.09	60	75	L	0	0	0	0	1	1	E	G
Lauraceae	<i>Nectandra grandiflora</i> Nees	2007	460	14.8	670	18.4	6	0.10	50	62	M	0	0	1	1	1	1	E	G
Lauraceae	<i>Nectandra grandiflora</i> Nees	2007	540	16.1	700	21.0	5	0.05	50	75	M	0	0	1	0	1	0	E	G
Fabaceae	<i>Ormosia arborea</i> (Vell.) Harms	2007	325	7.0	3	7.0	5	0.14	100	100	H	1	0	0	1	0	0	E	G
Fabaceae	<i>Ormosia arborea</i> (Vell.) Harms	2007	190	7.2	190	7.2	4	0.11	100	72	H	1	1	0	0	0	0	E	G
Fabaceae	<i>Parkia platycephala</i> Benth.	2009	350	10.2	240	14.0	12	0.21	100	160	H	0	0	0	0	1	0	D	S
Fabaceae	<i>Parkia platycephala</i> Benth.	2009	300	12.0	330	20.2	16	0.20	100	63	H	0	0	0	0	1	0	D	S
Fabaceae	<i>Parkia platycephala</i> Benth.	2010	59.5	4.2	85	6.0	5	0.17	100	65	H	1	0	0	1	1	0	D	S
Peraceae	<i>Pera glabrata</i> (Schott) Poepp. ex Baill.	2012	300	4.0	400	6.4	7	0.22	50	0	U	0	0	0	0	1	1	E	G
Lythraceae	<i>Physocalymma scaberrimum</i> Pohl	2010	580	10.8	800	15.0	12	0.16	100	70	M	0	0	0	0	1	1	D	S
Lythraceae	<i>Physocalymma scaberrimum</i> Pohl	2009	665	13.0	800	17.5	10	0.11	100	5	M	0	0	0	0	1	1	D	S
Lythraceae	<i>Physocalymma scaberrimum</i> Pohl	2009	370	9.6	540	13.4	8	0.15	100	14	M	0	0	0	0	1	1	D	S
Lythraceae	<i>Physocalymma scaberrimum</i> Pohl	2009	420	10.6	600	15.5	7	0.09	100	5	L	0	0	0	0	1	1	D	S

family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
<i>Lythraceae</i>	<i>Physocalymma scaberrimum</i> Pohl	2009	290	7.2	430	10.0	8	0.16	100	24	M	0	0	0	1	1	1	D	S
<i>Fabaceae</i>	<i>Plathymenia reticulata</i> Benth.	2006	800	17.9	850	19.5	23	0.24	0	0	U	0	0	0	0	0	1	D	S
<i>Fabaceae</i>	<i>Plathymenia reticulata</i> Benth.	2005	800	26.9	780	32.3	25	0.15	0	5	L	0	0	0	0	0	1	D	S
<i>Fabaceae</i>	<i>Plathymenia reticulata</i> Benth.	2005	800	31.0	900	38.5	18	0.09	0	56	L	0	0	0	0	0	1	D	S
<i>Fabaceae</i>	<i>Plathymenia reticulata</i> Benth.	2005	800	33.5	900	40.8	20	0.10	0	5	L	0	0	0	0	0	1	D	S
<i>Fabaceae</i>	<i>Plathymenia reticulata</i> Benth.	2005	800	33.8	780	39.2	20	0.10	0	5	L	0	0	0	0	0	1	D	S
<i>Fabaceae</i>	<i>Platypodium elegans</i> Vogel	2005	330	4.0	460	6.1	11	0.36	0	76	L	0	0	0	0	0	1	D	G
<i>Fabaceae</i>	<i>Platypodium elegans</i> Vogel	2005	410	6.0	460	6.2	12	0.39	0	100	L	0	0	0	0	0	1	D	G
<i>Fabaceae</i>	<i>Platypodium elegans</i> Vogel	2005	460	9.4	680	13.5	10	0.15	50	28	M	0	0	0	0	1	1	D	G
<i>Fabaceae</i>	<i>Platypodium elegans</i> Vogel	2005	270	3.0	170	3.8	7	0.37	100	104	M	0	0	0	0	1	1	D	G
<i>Fabaceae</i>	<i>Platypodium elegans</i> Vogel	2005	210	5.0	180	4.8	7	0.29	100	0	U	0	0	0	0	1	1	D	G
<i>Celastraceae</i>	<i>Plenckia populnea</i> Reissek	2010	252	4.1	360	5.9	5	0.17	100	200	M	0	0	0	0	1	1	D	S
<i>Celastraceae</i>	<i>Plenckia populnea</i> Reissek	2010	182	2.9	260	4.1	5	0.22	100	170	H	0	0	0	0	1	0	D	S
<i>Celastraceae</i>	<i>Plenckia populnea</i> Reissek	2010	195	2.4	190	3.4	3	0.15	100	127	H	0	0	0	0	1	0	D	S
<i>Celastraceae</i>	<i>Plenckia populnea</i> Reissek	2010	150	3.2	240	4.6	3	0.14	100	150	H	0	0	0	0	1	0	D	S
<i>Celastraceae</i>	<i>Plenckia populnea</i> Reissek	2010	170	3.1	220	5.8	3	0.10	100	220	H	0	0	0	1	1	0	D	S
<i>Sapotaceae</i>	<i>Pouteria ramiflora</i> (Mart.) Radlk.	2007	330	10.0	470	12.2	18	0.30	0	0	U	0	0	0	0	0	1	E	G
<i>Sapotaceae</i>	<i>Pouteria ramiflora</i> (Mart.) Radlk.	2007	420	12.4	520	14.5	18	0.25	0	0	U	0	0	0	0	0	1	E	G
<i>Sapotaceae</i>	<i>Pouteria ramiflora</i> (Mart.) Radlk.	2007	480	19.1	780	22.5	18	0.21	0	0	U	0	0	0	0	0	1	E	G
<i>Sapotaceae</i>	<i>Pouteria ramiflora</i> (Mart.) Radlk.	2005	460	23.9	670	24.0	18	0.15	0	0	U	0	0	0	0	0	1	E	G
<i>Sapotaceae</i>	<i>Pouteria ramiflora</i> (Mart.) Radlk.	2007	370	10.3	470	12.9	18	0.28	0	0	U	0	0	0	0	1	1	E	G
<i>Burseraceae</i>	<i>Protium heptaphyllum</i> (Aubl.) Marchand	2006	540	16.0	650	20.0	15	0.15	0	0	U	0	0	0	0	0	1	E	G
<i>Burseraceae</i>	<i>Protium heptaphyllum</i> (Aubl.) Marchand	2006	500	21.4	590	21.2	17	0.16	0	5	U	0	0	0	0	0	1	E	G
<i>Burseraceae</i>	<i>Protium heptaphyllum</i> (Aubl.) Marchand	2005	550	25.3	680	28.3	10	0.07	0	0	U	0	0	0	0	0	1	E	G
<i>Burseraceae</i>	<i>Protium heptaphyllum</i> (Aubl.) Marchand	2005	640	24.7	750	27.9	17	0.13	100	65	H	0	0	0	0	1	1	E	G
<i>Burseraceae</i>	<i>Protium heptaphyllum</i> (Aubl.) Marchand	2006	600	13.9	700	10.2	7	0.14	0	0	U	1	1	0	0	0	0	E	G
<i>Rosaceae</i>	<i>Prunus myrtifolia</i> (L.) Urb.	2009	380	7.7	470	8.7	4	0.09	0	0	U	0	0	0	0	0	1	D	G
<i>Rosaceae</i>	<i>Prunus myrtifolia</i> (L.) Urb.	2008	480	19.1	260	19.5	4	0.04	0	0	U	0	0	0	0	0	1	D	G
<i>Rosaceae</i>	<i>Prunus myrtifolia</i> (L.) Urb.	2009	230	7.4	70	5.8	3	0.10	100	120	L	0	0	0	1	1	0	D	G
<i>Malvaceae</i>	<i>Pseudobombax longiflorum</i> (Mart.) A.Robyns	2009	320	10.5	380	12.5	3	0.05	0	5	U	0	0	0	0	0	1	D	G
<i>Malvaceae</i>	<i>Pseudobombax longiflorum</i> (Mart.) A.Robyns	2009	260	10.5	720	14.4	5	0.09	100	160	H	0	0	0	0	1	0	D	G
<i>Malvaceae</i>	<i>Pseudobombax longiflorum</i> (Mart.) A.Robyns	2009	315	9.8	145	12.3	3	0.07	0	40	L	0	0	0	0	1	0	D	G
<i>Malvaceae</i>	<i>Pseudobombax tomentosum</i> (Mart.) A.Robyns	2010	32	2.1	57	3.0	3	0.20	0	35	U	0	0	0	0	0	1	D	S
<i>Malvaceae</i>	<i>Pseudobombax tomentosum</i> (Mart.) A.Robyns	2010	100	5.6	106	4.6	3	0.11	100	90	M	0	0	0	0	1	0	D	S

family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
Malvaceae	<i>Pseudobombax tomentosum</i> (Mart.) A.Robyns	2010	220	5.6	80	8.0	4	0.10	0	0	U	0	0	0	0	1	0	D	S
Myrtaceae	<i>Psidium guineense</i> Sw.	2007	270	8.8	420	9.9	5	0.10	0	0	L	0	0	0	0	0	1	E	S
Myrtaceae	<i>Psidium guineense</i> Sw.	2007	261	7.5	340	8.8	3	0.10	0	0	U	0	0	0	0	0	1	E	S
Myrtaceae	<i>Psidium guineense</i> Sw.	2007	370	11.3	450	12.1	4	0.07	0	0	U	0	0	0	0	0	1	E	S
Myrtaceae	<i>Psidium guineense</i> Sw.	2007	310	9.3	340	11.8	3	0.06	0	0	U	0	0	0	0	0	1	E	S
Myrtaceae	<i>Psidium guineense</i> Sw.	2007	340	11.1	390	14.0	4	0.06	0	0	U	0	0	0	0	0	1	E	S
Vochysiaceae	<i>Qualea cordata</i> Spreng.	2005	510	14.6	580	16.0	23	0.29	0	0	U	0	0	0	0	0	1	D	S
Vochysiaceae	<i>Qualea cordata</i> Spreng.	2005	560	19.1	620	19.3	25	0.26	0	0	U	0	0	0	0	0	1	D	S
Vochysiaceae	<i>Qualea cordata</i> Spreng.	2005	520	20.6	620	21.8	35	0.40	0	0	U	0	0	0	0	0	1	D	S
Vochysiaceae	<i>Qualea cordata</i> Spreng.	2005	560	15.9	680	18.1	20	0.22	25	180	L	0	0	0	0	1	1	D	S
Vochysiaceae	<i>Qualea cordata</i> Spreng.	2005	590	16.1	590	16.6	22	0.27	0	88	L	0	0	0	0	1	1	D	S
Vochysiaceae	<i>Qualea grandiflora</i> Mart.	2010	260	6.1	350	8.7	16	0.37	0	130	L	0	0	0	0	0	1	D	S
Vochysiaceae	<i>Qualea grandiflora</i> Mart.	2010	270	6.5	300	9.0	20	0.44	0	160	L	0	0	0	0	0	1	D	S
Vochysiaceae	<i>Qualea grandiflora</i> Mart.	2010	170	3.0	90	3.0	8	0.53	100	190	H	1	0	0	1	0	0	D	S
Vochysiaceae	<i>Qualea grandiflora</i> Mart.	2008	360	6.7	620	11.5	16	0.28	100	106	L	0	0	0	0	1	0	D	S
Vochysiaceae	<i>Qualea multiflora</i> Mart.	2008	310	7.0	390	10.4	9	0.17	100	17	M	0	0	0	0	1	1	D	S
Vochysiaceae	<i>Qualea multiflora</i> Mart.	2008	390	7.0	460	9.6	11	0.23	100	97	M	0	0	0	0	1	0	D	S
Vochysiaceae	<i>Qualea multiflora</i> Mart.	2008	410	9.9	530	14.6	10	0.16	80	0	U	0	0	0	0	1	0	D	S
Vochysiaceae	<i>Qualea multiflora</i> Mart.	2007	470	11.0	500	13.3	12	0.18	100	94	H	0	0	0	0	1	0	D	S
Vochysiaceae	<i>Qualea multiflora</i> Mart.	2007	450	11.6	460	15.5	16	0.21	100	0	M	0	0	0	0	1	0	D	S
Vochysiaceae	<i>Qualea multiflora</i> Mart.	2007	520	17.0	620	23.0	15	0.13	100	110	H	0	0	0	0	1	0	D	S
Proteaceae	<i>Roupala montana</i> Aubl.	2008	456	10.1	580	12.6	13	0.21	100	260	M	0	0	0	0	1	0	D	S
Proteaceae	<i>Roupala montana</i> Aubl.	2010	161	4.2	230	6.0	7	0.23	100	170	H	0	0	0	0	1	0	D	S
Proteaceae	<i>Roupala montana</i> Aubl.	2010	335	8.8	460	12.2	20	0.33	100	280	M	0	0	0	0	1	0	D	S
Proteaceae	<i>Roupala montana</i> Aubl.	2008	292	8.0	300	9.1	11	0.24	100	190	M	0	0	0	0	1	0	D	S
Araliaceae	<i>Schefflera macrocarpa</i> (Cham. & Schltdl.) Frodin	2008	400	10.0	400	10.5	10	0.19	30	142	M	0	0	0	0	0	1	E	S
Fabaceae	<i>Senna macranthera</i> (DC. ex Collad.) H.S.Irwin & Barneby	2007	600	20.6	490	20.8	12	0.12	100	160	M	0	0	0	0	1	0	D	G
Simaroubaceae	<i>Simarouba versicolor</i> A.St.-Hil.	2012	190	4.4	520	11.8	13	0.22	50	56	M	0	0	0	0	1	1	D	G
Siparunaceae	<i>Siparuna guianensis</i> Aubl.	2012	280	3.5	38	3.5	4	0.23	100	90	M	1	0	0	1	0	0	E	G
Siparunaceae	<i>Siparuna guianensis</i> Aubl.	2012	250	4.3	35	4.3	2	0.09	100	90	M	1	0	0	1	0	0	E	G
Loganiaceae	<i>Strychnos brasiliensis</i> Mart.	2006	120	1.0	85	1.0	0	0.02	100	107	H	1	0	0	1	0	0	E	G
Loganiaceae	<i>Strychnos brasiliensis</i> Mart.	2006	115	1.1	83	1.1	0	0.02	100	115	H	1	0	0	1	0	0	E	G

family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
Loganiaceae	<i>Strychnos brasiliensis</i> Mart.	2006	150	1.6	110	1.6	0	0.01	100	14	H	1	0	0	1	0	0	E	G
Loganiaceae	<i>Strychnos brasiliensis</i> Mart.	2006	120	2.0	135	2.0	0	0.02	100	140	H	1	0	0	1	0	0	E	G
Loganiaceae	<i>Strychnos brasiliensis</i> Mart.	2006	150	1.7	103	1.7	0	0.01	100	148	H	1	0	0	1	0	0	E	G
Fabaceae	<i>Stryphnodendron adstringens</i> (Mart.) Coville	2009	500	15.4	620	22.7	14	0.12	0	0	U	0	0	0	0	0	1	E	S
Fabaceae	<i>Stryphnodendron adstringens</i> (Mart.) Coville	2009	560	20.0	690	27.2	18	0.13	100	14	L	0	0	0	0	0	1	E	S
Fabaceae	<i>Stryphnodendron adstringens</i> (Mart.) Coville	2007	670	17.1	750	21.5	12	0.11	25	0	L	0	0	0	0	1	1	E	S
Fabaceae	<i>Stryphnodendron rotundifolium</i> Mart.	2007	440	14.4	490	16.8	18	0.21	0	0	U	0	0	0	0	0	1	E	S
Fabaceae	<i>Stryphnodendron rotundifolium</i> Mart.	2006	540	22.8	580	26.6	18	0.17	0	0	U	0	0	0	0	0	1	E	S
Fabaceae	<i>Stryphnodendron rotundifolium</i> Mart.	2005	540	34.0	550	35.5	26	0.15	0	0	U	0	0	0	0	0	1	E	S
Styracaceae	<i>Styrax camporum</i> Pohl	2008	600	22.2	720	24.6	7	0.08	0	0	U	0	0	0	0	0	1	E	S
Styracaceae	<i>Styrax camporum</i> Pohl	2007	580	20.2	670	23.0	10	0.09	0	5	L	0	0	0	0	0	1	E	S
Styracaceae	<i>Styrax camporum</i> Pohl	2007	470	17.9	520	19.8	3	0.03	5	5	L	0	0	0	0	1	1	E	S
Areaceae	<i>Syagrus flexuosa</i> (Mart.) Becc.	1984	293	8.4	320	9.2	3	0.08	100	360	H	0	0	0	1	0	1	E	S
Bignoniaceae	<i>Tabebuia aurea</i> (Silva Manso) Benth. & Hook.f. ex S.Moore	2010	100	3.5	275	7.4	20	0.54	0	159	L	0	0	0	0	0	1	D	S
Bignoniaceae	<i>Tabebuia aurea</i> (Silva Manso) Benth. & Hook.f. ex S.Moore	2005	630	18.3	700	20.2	50	0.50	0	5	L	0	0	0	0	0	1	D	S
Bignoniaceae	<i>Tabebuia aurea</i> (Silva Manso) Benth. & Hook.f. ex S.Moore	2005	400	10.5	440	13.1	38	0.58	0	260	L	0	0	0	0	0	1	D	S
Bignoniaceae	<i>Tabebuia aurea</i> (Silva Manso) Benth. & Hook.f. ex S.Moore	2005	690	18.2	700	19.4	39	0.40	0	295	L	0	0	0	0	1	1	D	S
Bignoniaceae	<i>Tabebuia aurea</i> (Silva Manso) Benth. & Hook.f. ex S.Moore	2005	420	12.5	380	11.5	25	0.43	0	188	L	0	0	0	0	1	1	D	S
Bignoniaceae	<i>Tabebuia aurea</i> (Silva Manso) Benth. & Hook.f. ex S.Moore	2005	410	16.9	520	17.5	40	0.46	0	185	L	0	0	0	0	1	1	D	S
Apocynaceae	<i>Tabernaemontana catharinensis</i> A.DC.	2014	190	4.5	380	9.0	4	0.09	100	300	H	0	0	0	1	1	1	E	G
Combretaceae	<i>Terminalia argentea</i> Mart. & Zucc.	2006	620	16.6	680	18.0	17	0.19	0	5	U	0	0	0	0	0	1	D	G
Combretaceae	<i>Terminalia argentea</i> Mart. & Zucc.	2006	400	12.8	520	16.5	19	0.23	0	0	U	0	0	0	0	0	1	D	G
Combretaceae	<i>Terminalia argentea</i> Mart. & Zucc.	2006	580	19.5	660	21.5	23	0.21	0	12	L	0	0	0	0	0	1	D	G
Combretaceae	<i>Terminalia argentea</i> Mart. & Zucc.	2006	560	19.1	700	23.3	18	0.15	0	130	L	0	0	0	0	0	1	D	G
Combretaceae	<i>Terminalia glabrescens</i> Mart.	2007	500	10.0	600	14.2	12	0.17	50	82	M	0	0	0	0	0	1	D	G
Combretaceae	<i>Terminalia glabrescens</i> Mart.	2007	720	21.5	100	24.1	12	0.10	5	12	L	0	0	0	0	1	1	D	G
Combretaceae	<i>Terminalia glabrescens</i> Mart.	2005	720	27.5	1100	31.0	17	0.11	5	5	L	0	0	0	0	1	0	D	G
Melastomataceae	<i>Tibouchina stenocarpa</i> (Schrank & Mart. ex DC.) Cogn.	2012	300	9.5	280	10.3	5	0.09	70	0	H	0	0	0	1	1	1	E	S

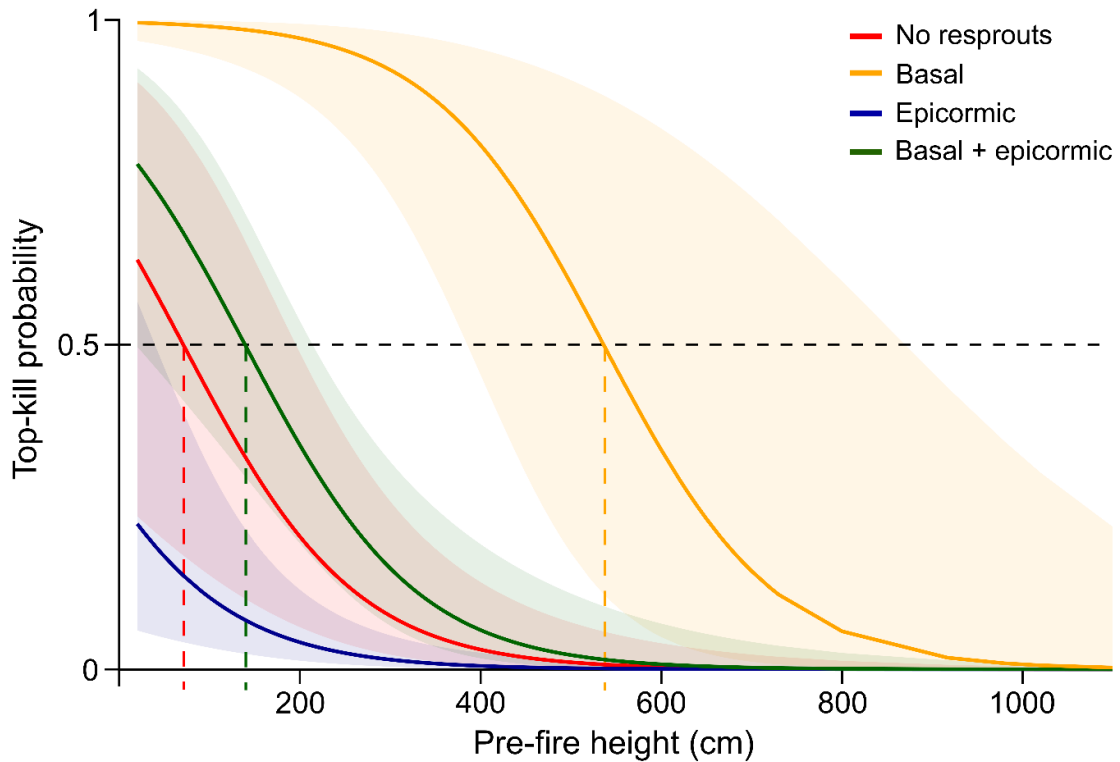
family	species name	year	h17 (cm)	d17 (cm)	h19 (cm)	d19 (cm)	bt (mm)	rbt	cl (%)	fh (cm)	imp	tk	dead	root	bas	epi	ali	lf	hb
Melastomataceae	<i>Tibouchina stenocarpa</i> (Schrank & Mart. ex DC.) Cogn.	2012	180	8.4	109	8.4	3	0.07	100	75	H	1	0	0	1	0	0	E	S
Melastomataceae	<i>Tibouchina stenocarpa</i> (Schrank & Mart. ex DC.) Cogn.	2012	320	10.0	105	10.0	3	0.06	100	200	H	1	0	0	1	0	0	E	S
Melastomataceae	<i>Tibouchina stenocarpa</i> (Schrank & Mart. ex DC.) Cogn.	2012	220	5.5	57	5.5	2	0.07	100	120	H	1	0	0	1	0	0	E	S
Melastomataceae	<i>Tibouchina stenocarpa</i> (Schrank & Mart. ex DC.) Cogn.	2012	320	7.5	60	7.5	2	0.05	100	55	H	1	0	0	1	0	0	E	S
Melastomataceae	<i>Tibouchina stenocarpa</i> (Schrank & Mart. ex DC.) Cogn.	2012	220	6.2	70	5.5	2	0.05	100	52	H	1	0	0	1	1	0	E	S
Melastomataceae	<i>Tibouchina stenocarpa</i> (Schrank & Mart. ex DC.) Cogn.	2012	300	7.2	110	11.5	5	0.09	100	130	H	0	0	0	1	1	0	E	S
Fabaceae	<i>Vatairea macrocarpa</i> (Benth.) Ducke	2012	45	1.0	50	1.0	2	0.40	100	45	H	1	0	0	1	0	0	D	S
Fabaceae	<i>Vatairea macrocarpa</i> (Benth.) Ducke	2012	200	3.9	330	7.3	9	0.25	100	180	M	0	0	0	0	1	0	D	S
Fabaceae	<i>Vatairea macrocarpa</i> (Benth.) Ducke	2012	350	3.0	230	9.2	15	0.33	100	230	M	0	0	0	0	1	0	D	S
Lamiaceae	<i>Vitex polygama</i> Cham.	2006	118	2.4	150	3.1	3	0.16	100	51	H	0	0	0	0	1	0	D	G
Lamiaceae	<i>Vitex polygama</i> Cham.	2009	102	2.1	140	2.9	2	0.14	100	16	M	0	0	0	0	1	0	D	G
Lamiaceae	<i>Vitex polygama</i> Cham.	1984	596	25.9	650	28.3	11	0.08	30	27	M	0	0	0	0	1	0	D	G
Vochysiaceae	<i>Vochysia tucanorum</i> Mart.	2008	600	27.5	700	36.0	21	0.12	0	0	U	0	0	0	0	0	1	E	G
Vochysiaceae	<i>Vochysia tucanorum</i> Mart.	2006	600	36.8	700	42.0	28	0.13	30	40	L	0	0	0	0	0	1	E	G
Vochysiaceae	<i>Vochysia tucanorum</i> Mart.	2006	730	33.6	1000	43.3	17	0.08	0	120	L	0	0	1	0	0	1	E	G
Annonaceae	<i>Xylopia aromatica</i> (Lam.) Mart.	2007	420	9.1	520	11.2	12	0.21	60	0	U	0	0	0	0	1	1	E	S
Annonaceae	<i>Xylopia aromatica</i> (Lam.) Mart.	2007	400	10.0	500	11.5	9	0.16	60	29	L	0	0	0	0	1	1	E	S
Annonaceae	<i>Xylopia aromatica</i> (Lam.) Mart.	2007	560	12.0	600	14.2	18	0.25	50	0	U	0	0	0	0	1	1	E	S
Annonaceae	<i>Xylopia aromatica</i> (Lam.) Mart.	2006	520	14.8	650	16.0	13	0.16	70	0	U	0	0	0	0	1	1	E	S
Annonaceae	<i>Xylopia aromatica</i> (Lam.) Mart.	2006	500	13.9	530	15.4	13	0.17	50	0	U	0	0	0	0	1	1	E	S
Bignoniaceae	<i>Zeyheria montana</i> Mart.	2006	290	2.0	125	2.0	4	0.40	100	77	H	1	0	0	1	0	0	D	S
Bignoniaceae	<i>Zeyheria montana</i> Mart.	2006	160	2.5	85	1.7	3	0.35	100	43	H	0	0	0	0	1	0	D	S
Bignoniaceae	<i>Zeyheria montana</i> Mart.	2006	220	4.2	125	5.3	3	0.11	100	78	H	1	0	0	0	1	0	D	S
Bignoniaceae	<i>Zeyheria montana</i> Mart.	2006	180	1.3	100	1.7	7	0.82	100	68	H	1	0	0	1	1	0	D	S
Bignoniaceae	<i>Zeyheria tuberculosa</i> (Vell.) Bureau ex Verl.	2005	450	13.8	500	15.9	10	0.16	100	134	H	0	0	0	0	1	0	D	G
Bignoniaceae	<i>Zeyheria tuberculosa</i> (Vell.) Bureau ex Verl.	2005	280	10.0	220	9.4	8	0.17	100	200	H	0	0	0	0	1	0	D	G

**Table S2.** Delta AIC<sub>c</sub> ( $\Delta\text{AIC}_c$ ) and Akaike weights ( $w_i$ ) of candidate models for each of the sets describing the presence of live basal and epicormic resprouts (see Burnham and Anderson (2002) for details of AIC<sub>c</sub> and  $w_i$ ). The predictor variables were: (a) standardised tree size: pre-fire stem diameter for basal resprouting and pre-fire tree height for epicormic resprouting; (b) relative bark thickness (proportion of post-fire stem diameter that is bark); and (c) leaf-habitat (evergreen generalist, evergreen specialist, deciduous generalist or deciduous specialist). The response variables were binary: ‘0’ as absent and ‘1’ as present. All 367 trees were included in the analysis. We used GLMs with a binomial distribution. The full model was: *response variable* ~ *tree size* + *relative bark thickness* + *leaf-habitat*.

Candidate models	Basal		Epicormic	
	$\Delta\text{AIC}_c$	$w_i$	$\Delta\text{AIC}_c$	$w_i$
<i>null (only intercept)</i>	151.15	0.00	5.07	0.03
<i>tree size</i>	32.33	0.00	6.88	0.01
<i>relative bark thickness</i>	135.35	0.00	2.12	0.13
<i>leaf-habitat</i>	147.89	0.00	0.00	0.36
<i>tree size + relative bark thickness</i>	3.90	0.12	4.05	0.05
<i>tree size + leaf-habitat</i>	15.30	0.00	1.89	0.14
<i>relative bark thickness + leaf-habitat</i>	136.01	0.00	1.14	0.21
<i>full</i>	0.00	0.87	3.05	0.08

**Table S3.** Phylogenetic signals, using the EM-Mantel test (Debastiani and Duarte 2017) and the  $D$  statistic (Fritz and Purvis 2010), for the response variables: presence of live basal resprouts, presence of live epicormic resprouts, and whether the tree was top-killed. The null hypothesis is that any patterns in the data come from random variation (Rafferty and Ives 2013). In all cases, the results were strongly non-significant ( $P$ -values  $> 0.05$ ).

Response variables	EM-Mantel test		$D$ statistic	
	Signal	$P$ -value	Signal	$P$ -value
Presence of live basal resprouts	0.010	0.990	0.998	0.477
Presence of live epicormic resprouts	0.016	0.960	0.920	0.188
Top-kill	0.010	1.000	0.997	0.471



**Figure S1.** Influence of pre-fire height (cm) on the probability of top-kill, and 95% confidence intervals (shaded areas around the solid lines). A tree was considered top-killed when it lacked any live biomass above 30 cm of height from the base of the tree (*sensu* Hoffmann *et al.* 2009). The logistic model included two predictor variables: pre-fire height (cm) of all burnt trees (excluded 79 unburnt trees) and a categorical variable with four classes regarding the presence of live resprouts, as follows: none, basal but not epicormic, epicormic but not basal, both basal and epicormic. The heights (vertical dashed lines) at which 50% of trees are top-killed (horizontal dashed line) are: 71 cm when the tree does not have any live resprouts; 139 cm when the tree has both live basal and epicormic resprouts; and 536 cm when the tree has only live basal resprouts. Because there were only three trees that were top-killed, burnt and had epicormic resprouts (Table S1), it was not possible to calculate a 50% top-kill probability due to insufficient data in the model predictions.



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