

Supplementary Material

Table S1. Nests of *Chamaeza campanisona* found during the study period (1986-2016) with their respective characteristics. Date of encounter could be of nests either with eggs (e) or with nestlings (n). Fate is given as: (F) failed, (S) successful, and (U) unknown. Exposure days refer to the observation period of each nest according to Mayfield (1975). Means and standard errors (SE) and lower-upper limits for every nest characteristic can be found at the end of the table.

Hosting tree			Cavity		Nest							
Scientific name	Family	Entrance height from ground (cm)	Entrance diameter		Entrance size (cm ²)	Depth (cm)	Nest height from ground (cm)	Date of encounter	Clutch size	Fate	Exposure days	
			Width (cm)	Height (cm)								
<i>Psidium guineense</i>	Myrtaceae	120				70	50	03Apr1986	e	2	U	18
<i>Psidium guineense</i>	Myrtaceae	220	9	9	81	80	140	16Apr1986	e	2	F	15
<i>Byrsonima sericea</i>	Malpighiaceae	80	5	10	50	50	30	21Apr1986	e	2	U	24
<i>Cupania impressinervia</i>	Sapindaceae	310	6	8	48	190	120	01Apr1987	e	2	S	38
<i>Handroanthus ochraceus</i>	Bignoniaceae	160				105	55	18Apr1988	n	2	U	2
<i>Psidium guineense</i>	Myrtaceae	150				80	70	29Apr1989	e	2	F	7
<i>Byrsonima sericea</i>	Malpighiaceae	80	5	10	50	50	30	29Oct1989	e	2	F	15
Same tree as nest n °3												
<i>Banara brasiliensis</i>	Salicaceae	120				55	65	27Feb1990	e	2	F	17
<i>Psidium guineense</i>	Myrtaceae	220	9	9	81	80	140	18Mar1990	e	2	U	7
Same tree as nest n °2												
<i>Byrsonima sericea</i>	Malpighiaceae	350	10	15	150	130	220	06Jun1990	e	2	S	36
<i>Byrsonima sericea</i>	Malpighiaceae	400	12	8	96	105	295	18Oct1990	e	2	S	28
Not identified		350				100	250	16Nov1990	e	2	S	24
<i>Byrsonima sericea</i>	Malpighiaceae	400	12	12	144	110	290	09Apr1991	e	2	F	10
<i>Myrcia tomentosa</i>	Myrtaceae	200				100	100	29May1991	e	2	F	24
<i>Byrsonima sericea</i>	Malpighiaceae	400	12	12	144	110	290	29Nov1991	e	2	F	29
Same tree as nest n °13												
<i>Pouteri gardneri</i>	Sapotaceae	140	9	10	90	70	70	24Mar1992	n	2	S	12
<i>Erythroxylum squamatum</i>	Erythroxylaceae	180				90	90	06Aug1992	e	2	F	5
<i>Clusia nemorosa</i>	Clusiaceae)	176	10	12	120	100	76	08Jul1993	e	2	F	18
<i>Byrsonima sericea</i>	Malpighiaceae	436	15	12	180	56	380	07May1994	e	2	S	32
<i>Inga subnuda</i>	Fabaceae	245	8	8	64	25	220	30May1995	e	2	F	9
Not identified		110				40	70	02Aug1995	e	2	U	17
<i>Inga subnuda</i>	Fabaceae	300	7	8	56	110	190	28Mar1996	e	2	S	24
<i>Pouteri gardneri</i>	Sapotaceae	400	12	10	120	80	320	22May1996	e	2	S	26
<i>Handroanthus ochraceus</i>	Bignoniaceae	380				180	200	17Feb1997	e	2	F	12
<i>Banara brasiliensis</i>	Salicaceae	220	11	12	132	70	150	02Apr1998	e	2	F	20
<i>Marlierea eugenioides</i>	Myrtaceae	139	14	6	84	39	100	14May1999	e	2	F	19

Hosting tree			Cavity		Nest							
Scientific name	Family	Entrance height from ground (cm)	Entrance diameter		Entrance size (cm ²)	Depth (cm)	Nest height from ground (cm)	Date of encounter		Clutch size	Fate	Exposure days
			Width (cm)	Height (cm)								
<i>Campomanesia</i> sp.	Myrtaceae	137	12	19	228	97	40	25Feb2000	e	2	S	33
<i>Cupania impressinervia</i>	Sapindaceae	200	6	45	270	80	120	11Apr2001	e	2	F	6
<i>Cupania impressinervia</i>	Sapindaceae	190				120	70	03Dec2001	e	2	S	25
<i>Cupania impressinervia</i>	Sapindaceae	140				90	50	28Sep2004	e	2	F	19
<i>Byrsonima sericea</i>	Malpighiaceae	300	8	12	96	180	120	11Apr2004	n	2	S	10
<i>Guapira obtusata</i>	Nyctaginaceae	300	11	30	330	100	200	10May2008	e	2	F	17
<i>Guapira obtusata</i>	Nyctaginaceae	300	12	30	360	100	200	09Mar2009	e	2	F	26
Same tree as nest n °32												
<i>Guapira obtusata</i>	Nyctaginaceae	300	12	30	360	45	15	30Mar2009	n	2	F	4
Same tree as nest n °32												
<i>Ocotea</i> sp.	Lauraceae	200				130	70	05May2009	e	2	F	4
<i>Ocotea</i> sp.	Lauraceae	200	6	14	84	130	70	10Apr2014	e	2	U	27
<i>Ocotea</i> sp.	Clusiaceae	200				130	70	17May2015	e	2	U	3
Same tree as nest n °35												
<i>Clusia nemorosa</i>	Clusiaceae	180				90	90	12Apr2016	e	2	U	8
	Mean (SE)	235.08 ± 16.48	9.87 ± 0.58	14.65 ± 2.03	144.95 ± 20.54	93.67 ± 6.18	134.89 ± 15.19	Total: 670				
	Limits	80-436	5-15	6-45	48-360	25-190	15-380					