

Supplemental Material

Table S1. List of plants (genera or species) and families identified and collected in the study area with the blonde capuchin monkey group at Delmiro Gouveia, northeastern Brazil, and data related to vegetation structure

Family/Species	# individual	Relative density	Relative dominance	Relative frequency
Cactaceae				
<i>Cereus</i> sp.	7	2.94	2.62	10.2
<i>Pilosocereus pachycladus</i>	7	2.94	0.81	10.2
Euphorbiaceae				
<i>Cnidoscolus quercifolius</i>	26	10.9	7.64	14.2
<i>Jatropha</i> sp.	18	7.56	1.73	14.2
Fabaceae				
<i>Amburana cearensis</i>	8	3.36	2.43	10.2
<i>Bauhinia</i> sp.	3	1.26	0.87	4.08
<i>Cenostigma nordestinum</i>	122	51.2	54.5	20.4
<i>Mimosa</i> sp. 1	44	18.4	5.4	10.2
<i>Mimosa</i> sp. 2	2	0.84	0.68	4.08
Combretaceae				
<i>Terminalia catappa</i>	1	0.42	23.3	2.04

Table S2. Results of the AICc-Based Model Selection of the GLM for the predictors of stone tool site reused by blonde capuchin monkeys.

Model	df	AICc
~ dist + fruit + hammer + dens + basal	34	127.569
~ fruit + hammer + dens + basal	33	109.090
~ hammer + dens + basal	33	107.568
~ fruit + dens + basal	34	124.232
~ dens + basal	34	105.906

Table S3. Likelihood ratio test results of the Full-Null model comparisons of the site selection models.

Model	Resid. df	Resid. Dev	df	Deviance	p
~1 (Null model)	34	35.055			
dist + fruit + hammer + dens + basal	34	26.355	5	8.699	0.127
fruit + hammer + dens + basal	34	26.418	4	8.636	0.070
hammer + dens + basal	34	27.155	3	7.899	0.048
fruit + dens + basal	34	28.685	3	6.370	0.094
dens + basal	34	29.334	2	5.721	0.057

Figure S1. Map with the location of the transects across the study area. This figure was created using the QuickMapServices version 0.19.36 plugin from QGIS version 3.32.3 (<https://qgis.org>).



Figure S2. Figures demonstrating the assumption of the selected model in relation to residuals.

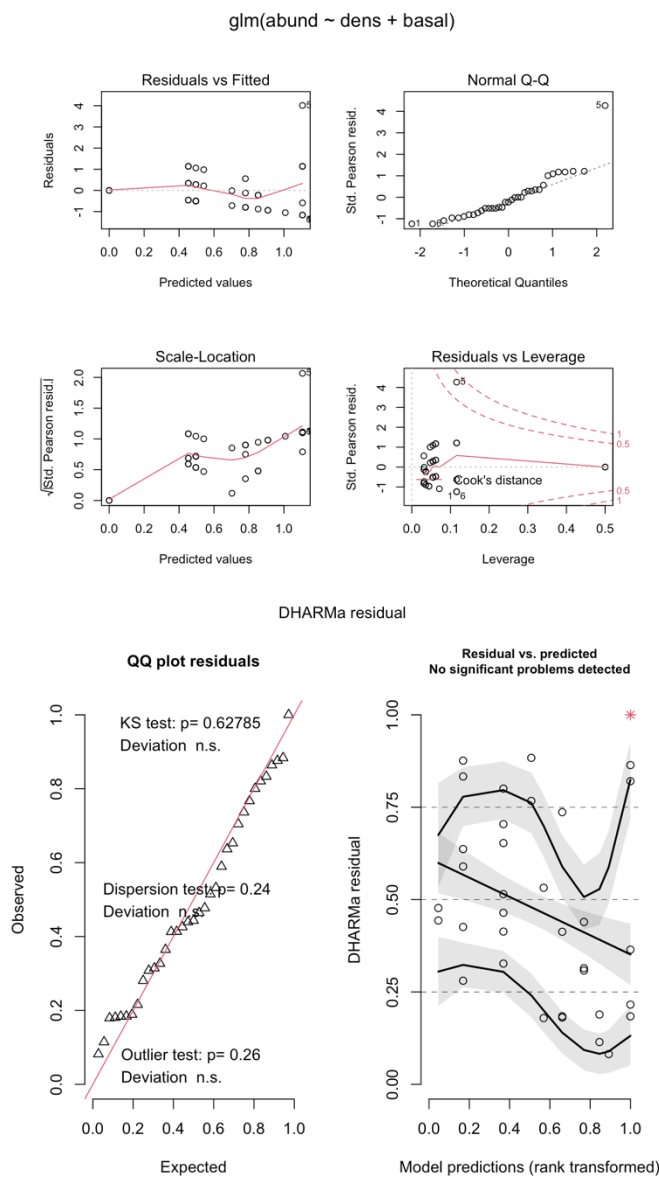


Figure S3. Figure demonstrating the assumption of the selected model in relation to overdispersion.

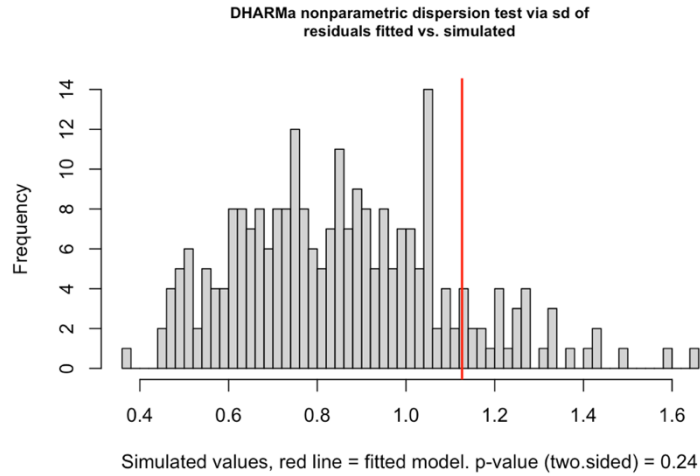


Table S4. Database used to obtain the results related to vegetation structure from the study area.

Site	Individual	Family	Genera	dgl	Height
SQ1	1	Fabaceae	Mimosa sp1	13.85	6
	2	Fabaceae	Mimosa sp1	6.21	4
	3	Fabaceae	Mimosa sp1	7.96	4
	4	Fabaceae	Mimosa sp1	14.8	7
	5	Fabaceae	Mimosa sp1	5.89	4.5
	6	Fabaceae	Mimosa sp1	8.28	5
	7	Fabaceae	Mimosa sp1	9.39	6
	8	Fabaceae	Mimosa sp1	16.4	6
	9	Fabaceae	Mimosa sp1	10.5	5
	10	Fabaceae	Mimosa sp1	5	4
	11	Fabaceae	Mimosa sp1	6.52	4
	12	Fabaceae	Mimosa sp1	5	3
	13	Fabaceae	Mimosa sp1	5.73	5
	14	Fabaceae	Mimosa sp1	11.78	5
	15	Fabaceae	Bauhinia	13.21	5
	16	Fabaceae	Mimosa sp1	11.62	5
	17	Fabaceae	Cenostigma	5.09	4
	18	Fabaceae	Bauhinia	21.33	7
	19	Fabaceae	Mimosa sp1	20.06	7
	20	Fabaceae	Cenostigma	10.82	7
	21	Fabaceae	Mimosa sp1	5.41	4
	22	Fabaceae	Mimosa sp1	7.64	6
	23	Fabaceae	Mimosa sp1	12.1	7
	24	Fabaceae	Cenostigma	12.1	7
SQ2	25	Fabaceae	Cenostigma	10.5	5
	26	Fabaceae	Cenostigma	10	4
	27	Fabaceae	Cenostigma	11.2	4

SQ3	28	Fabaceae	Cenostigma	9.5	3
	29	Fabaceae	Mimosa sp1	8.6	5
	30	Fabaceae	Cenostigma	9	4
	31	Fabaceae	Mimosa sp1	11.2	4.5
	32	Fabaceae	Mimosa sp1	9	5
	33	Fabaceae	Mimosa sp1	11.5	3
	34	Fabaceae	Mimosa sp1	7.5	3
	35	Fabaceae	Mimosa sp1	6.7	5
	36	Fabaceae	Mimosa sp1	10.7	4
	37	Fabaceae	Amburana	10	4
	38	Fabaceae	Mimosa sp1	7.9	5
	39	Cactaceae	Cereus	26.5	6
	40	Cactaceae	Cereus	10.5	5
	41	Fabaceae	Mimosa sp1	13	5
	42	Fabaceae	Mimosa sp1	6.9	5
	43	Fabaceae	Mimosa sp1	7.5	5
	44	Fabaceae	Mimosa sp1	7.8	5
	45	Rosaceae	Prunus	135	11
	46	Fabaceae	Cenostigma	19	3
	47	Fabaceae	Cenostigma	24	4
	48	Euphorbiaceae	Jatropha	6	4
	49	Fabaceae	Cenostigma	28.6	5
	50	Fabaceae	Bauhinia	7.5	5
	51	Fabaceae	Cenostigma	7	5
	52	Fabaceae	Cenostigma	30.4	5
	53	Fabaceae	Cenostigma	8.7	4
	54	Fabaceae	Cenostigma	55	3
	55	Fabaceae	Cenostigma	12.3	8
	56	Fabaceae	Mimosa sp1	6.3	5
	57	Fabaceae	Cenostigma	23.8	6
	58	Fabaceae	Mimosa sp1	9	5
	59	Fabaceae	Mimosa sp1	6.2	3
	60	Fabaceae	Cenostigma	19.2	5
	61	Fabaceae	Cenostigma	11.4	5
	62	Fabaceae	Cenostigma	10.8	6
	63	Fabaceae	Cenostigma	9.8	5
	64	Fabaceae	Mimosa sp1	15.3	5
	65	Fabaceae	Cenostigma	10.7	5
	66	Fabaceae	Cenostigma	6.2	4
	67	Fabaceae	Cenostigma	18	6
	68	Fabaceae	Cenostigma	6.6	5
	69	Fabaceae	Cenostigma	5	4
	70	Fabaceae	Mimosa sp1	9.2	5

SQ4	71	Fabaceae	Cenostigma	7	5
	72	Fabaceae	Cenostigma	8.5	4
	73	Fabaceae	Cenostigma	11.4	3
	74	Fabaceae	Cenostigma	7.9	4
	75	Fabaceae	Cenostigma	10.5	5
	76	Fabaceae	Cenostigma	18.5	5
	77	Fabaceae	Cenostigma	5.4	4
	78	Fabaceae	Cenostigma	21.2	5
	79	Fabaceae	Mimosa sp1	15.3	7
	80	Fabaceae	Mimosa sp1	9	6
	81	Fabaceae	Cenostigma	13	5
	82	Fabaceae	Cenostigma	6.8	4
	83	Fabaceae	Amburana	14.3	5
	84	Fabaceae	Mimosa sp1	5	6
	85	Fabaceae	Cenostigma	13.5	6
	86	Euphorbiaceae	Cnidoscolus	6.8	3
	87	Fabaceae	Cenostigma	20	5
	88	Fabaceae	Mimosa sp1	6.7	6
	89	Fabaceae	Cenostigma	9.5	6
	90	Fabaceae	Cenostigma	6.3	3
	91	Fabaceae	Cenostigma	8	5
	92	Cactaceae	Cereus	12	7
	93	Fabaceae	Mimosa sp1	9	8
	94	Fabaceae	Cenostigma	12.3	7
SQ5	95	Euphorbiaceae	Jatropha	14.1	4
	96	Euphorbiaceae	Jatropha	5.5	3
	97	Euphorbiaceae	Cnidoscolus	14.5	6
	98	Fabaceae	Cenostigma	5.9	2
	99	Fabaceae	Cenostigma	5.5	1.5
	100	Fabaceae	Cenostigma	6.5	2
	101	Fabaceae	Cenostigma	5.4	2.5
	102	Euphorbiaceae	Jatropha	7.9	3
	103	Fabaceae	Cenostigma	5.6	2
	104	Fabaceae	Amburana	8.1	4
	105	Fabaceae	Cenostigma	20	3
	106	Fabaceae	Mimosa sp1	6.4	3.5
	107	Cactaceae	Pilosocereus	13	1.5
	108	Euphorbiaceae	Cnidoscolus	10.2	5
	109	Fabaceae	Cenostigma	11.5	5
	110	Fabaceae	Mimosa sp1	7.1	5
	111	Fabaceae	Amburana	23.8	6
	112	Fabaceae	Cenostigma	25	3
	113	Fabaceae	Mimosa sp1	7.2	5

SQ6	114	Euphorbiaceae	Cnidoscolus	11.2	6
	115	Euphorbiaceae	Cnidoscolus	14	6
	116	Cactaceae	Cereus	11.7	4
	117	Fabaceae	Cenostigma	18	2.5
	118	Fabaceae	Cenostigma	15.9	1.5
	119	Euphorbiaceae	Jatropha	6.4	3
	120	Fabaceae	Cenostigma	23.1	3
	121	Fabaceae	Cenostigma	16.1	2
	122	Fabaceae	Cenostigma	34.1	2.5
	123	Euphorbiaceae	Jatropha	6.1	4
	124	Fabaceae	Cenostigma	35	5
	125	Fabaceae	Cenostigma	8.7	3
	126	Fabaceae	Cenostigma	10.5	5
	127	Euphorbiaceae	Cnidoscolus	5.1	3
	128	Fabaceae	Cenostigma	51.6	3
	129	Fabaceae	Cenostigma	30	3
	130	Fabaceae	Cenostigma	29.1	4
	131	Fabaceae	Cenostigma	10.3	2
	132	Fabaceae	Cenostigma	15.6	4
	133	Euphorbiaceae	Jatropha	9.7	3
	134	Euphorbiaceae	Jatropha	5.3	4
	135	Fabaceae	Cenostigma	8.5	2.5
	136	Fabaceae	Cenostigma	9.1	2
	137	Fabaceae	Cenostigma	14.4	4
	138	Fabaceae	Cenostigma	5.3	3
	139	Fabaceae	Cenostigma	13.2	2
	140	Fabaceae	Cenostigma	25.9	3
	141	Fabaceae	Cenostigma	21.5	3
	142	Fabaceae	Cenostigma	10	2
SQ7	143	Fabaceae	Cenostigma	7.3	2
	144	Fabaceae	Cenostigma	7	2
	145	Fabaceae	Cenostigma	7.5	2
	146	Euphorbiaceae	Jatropha	5	2
	147	Fabaceae	Cenostigma	13.5	3
	148	Cactaceae	Cereus	17.2	5
	149	Fabaceae	Mimosa sp2	15.4	5
	150	Fabaceae	Cenostigma	11	2
	151	Fabaceae	Amburana	20	3
	152	Fabaceae	Cenostigma	22.2	4
	153	Euphorbiaceae	Cnidoscolus	13.6	6
	154	Euphorbiaceae	Cnidoscolus	8	6
	155	Fabaceae	Cenostigma	7	2
	156	Fabaceae	Cenostigma	5.3	1.8

SQ8	157	Euphorbiaceae	Cnidoscolus	27	7
	158	Cactaceae	Pilosocereus	9	2
	159	Cactaceae	Cereus	15	5
	160	Euphorbiaceae	Cnidoscolus	7.7	4
	161	Fabaceae	Cenostigma	8	4
	162	Euphorbiaceae	Cnidoscolus	17.6	5
	163	Euphorbiaceae	Cnidoscolus	29.7	8
	164	Fabaceae	Cenostigma	21.7	5
	165	Fabaceae	Cenostigma	22.3	3
	166	Fabaceae	Cenostigma	7.2	5
	167	Euphorbiaceae	Cnidoscolus	15	5
	168	Fabaceae	Cenostigma	8.5	3
	169	Fabaceae	Cenostigma	11	3
	170	Euphorbiaceae	Cnidoscolus	13	5
	171	Cactaceae	Pilosocereus	9	1.5
	172	Fabaceae	Cenostigma	31.5	2
	173	Fabaceae	Cenostigma	32	5
	174	Euphorbiaceae	Cnidoscolus	9.5	6
	175	Euphorbiaceae	Cnidoscolus	17.3	6
	176	Euphorbiaceae	Cnidoscolus	16.5	6
	177	Fabaceae	Cenostigma	13.5	2
	178	Fabaceae	Cenostigma	16	2
	179	Cactaceae	Pilosocereus	10	1.5
	180	Fabaceae	Cenostigma	16.5	3
	181	Fabaceae	Cenostigma	5.5	2
	182	Fabaceae	Cenostigma	18.3	4
	183	Fabaceae	Mimosa sp2	17.3	5
	184	Cactaceae	Cereus	21	3
	185	Fabaceae	Cenostigma	29.5	3
	186	Cactaceae	Pilosocereus	10.2	1.5
SQ9	187	Euphorbiaceae	Cnidoscolus	6	3
	188	Euphorbiaceae	Cnidoscolus	13.6	5
	189	Euphorbiaceae	Jatropha	6.1	2
	190	Fabaceae	Cenostigma	19.5	2
	191	Fabaceae	Cenostigma	21.5	4
	192	Euphorbiaceae	Jatropha	8.5	4
	193	Fabaceae	Cenostigma	24.6	2
	194	Euphorbiaceae	Jatropha	9	3
	195	Euphorbiaceae	Cnidoscolus	14.3	6
	196	Fabaceae	Cenostigma	26.3	2.5
	197	Euphorbiaceae	Jatropha	8.4	3
	198	Euphorbiaceae	Jatropha	5.5	3
	199	Fabaceae	Amburana	19.5	7

SQ10	200	Fabaceae	Amburana	7.8	2
	201	Fabaceae	Cenostigma	15	2
	202	Fabaceae	Amburana	11.3	3
	203	Euphorbiaceae	Cnidoscolus	18.3	6
	204	Fabaceae	Cenostigma	19.2	3
	205	Fabaceae	Cenostigma	25.6	4.5
	206	Fabaceae	Cenostigma	13	3
	207	Fabaceae	Cenostigma	37	3
	208	Fabaceae	Cenostigma	18.5	2
	209	Euphorbiaceae	Jatropha	9.4	4
	210	Fabaceae	Cenostigma	19.2	4.5
	211	Fabaceae	Cenostigma	13.3	3
	212	Fabaceae	Cenostigma	12.7	4
	213	Euphorbiaceae	Jatropha	15	4
	214	Cactaceae	Pilosocereus	7.5	1
	215	Euphorbiaceae	Jatropha	12.5	2
	216	Fabaceae	Cenostigma	26.6	4
	217	Euphorbiaceae	Cnidoscolus	5.2	3
	218	Fabaceae	Cenostigma	24.5	5
	219	Fabaceae	Cenostigma	31	3
	220	Euphorbiaceae	Cnidoscolus	10.1	5
	221	Fabaceae	Cenostigma	31.3	4
	222	Fabaceae	Cenostigma	9.7	3
	223	Euphorbiaceae	Cnidoscolus	19.5	4
	224	Euphorbiaceae	Cnidoscolus	17	7
	225	Fabaceae	Cenostigma	5.5	2
	226	Fabaceae	Cenostigma	20.8	3
	227	Fabaceae	Cenostigma	13	4
	228	Fabaceae	Cenostigma	12	2
	229	Fabaceae	Cenostigma	32.6	5
	230	Fabaceae	Cenostigma	20.8	2
	231	Euphorbiaceae	Jatropha	6.3	3
	232	Fabaceae	Cenostigma	27.5	3
	233	Cactaceae	Pilosocereus	6.5	1
	234	Fabaceae	Cenostigma	21	1
	235	Fabaceae	Cenostigma	15	2
	236	Fabaceae	Cenostigma	22	1
	237	Euphorbiaceae	Cnidoscolus	21.1	8
	238	Fabaceae	Cenostigma	15.5	2.5