

**Table S2. Number of endemic plant species to Caatinga dry forest per georeferenced point and per trait.**

Point	Coordinates		Total species	Traits								
	Lat	Long		Habit		Pollination systems		Reproductive systems		Dispersal modes		
				Arboreous	Non-arboreous	Generalists	Specialized	Self-compatible	Self-incompatible/ Dioecious	Biotic	Abiotic	
1	-9	-38	8	4	4	1	6	1	2	3	4	
2	-10	-39	5	3	2	1	4	1	3	2	3	
3	-8,5	-38	5	3	2	1	4	3	1	3	2	
4	-12,7167	-39,7	4	3	1	1	2	0	2	1	3	
5	-12,6167	-38,2833	1	1	0	0	1	0	1	0	1	
6	-7,11667	-40,9667	7	0	7	4	3	1	0	2	5	
7	-5,46667	-40,8667	5	1	4	3	1	1	2	1	3	
8	-5,71667	-40,9167	5	1	4	3	1	1	2	1	3	
9	-7,81667	-38,0333	5	1	4	3	2	1	1	3	2	
10	-7,86667	-38,1833	5	1	4	3	2	1	1	3	2	
11	-7,95	-38,2833	5	2	3	2	2	1	2	1	4	
12	-7,98333	-38,3167	5	2	3	2	2	1	2	1	4	
13	-9,11667	-37,1833	3	3	0	1	2	0	2	0	2	
14	-8,65	-37,5833	14	6	8	4	10	3	5	3	14	
15	-8,68333	-37,6167	14	6	8	4	10	3	5	3	14	
16	-13,7667	-41,05	6	5	1	2	2	0	1	1	5	
17	-14	-41,1667	6	5	1	2	2	0	1	1	5	
18	-3,90944	-40,99	1	0	1	1	0	1	0	0	1	
19	-8,40306	-37,3583	7	4	3	0	7	1	4	2	5	
20	-6,88111	-35,7947	4	2	2	2	2	2	1	1	3	
21	-6,88111	-35,795	6	3	3	3	3	2	2	2	4	

22	-8,44722	-42,3297	2	1	1	1	1	0	0	0	2
23	-8,90639	-42,7642	2	1	1	1	1	0	0	0	2
24	-9,15	-42,7	3	3	0	2	1	0	1	0	3
25	-8,23833	-35,9222	4	2	2	2	2	2	1	1	3
26	-7,81667	-38,1833	2	0	2	2	0	1	0	1	1
27	-7,98333	-38,2833	6	4	2	1	4	2	3	3	3
28	-7,16444	-35,8603	2	1	1	1	1	1	0	1	1
29	-5,17	-37,0294	1	0	1	1	0	1	0	0	1
30	-9,03333	-40,2333	3	1	2	2	1	2	1	2	1
31	-6,88944	-35,7986	6	3	3	3	3	2	2	2	4
32	-9,11667	-37,1833	5	3	2	2	3	1	3	2	3
33	-4,85	-42,0667	2	0	2	1	1	0	1	0	2
34	-8,44722	-42,3297	10	4	6	4	6	3	3	4	5
35	-8,90639	-42,7642	10	4	6	4	6	3	3	4	5
36	-8,45	-36,7667	10	5	5	2	7	4	4	4	4
37	-7,98333	-38,3167	10	5	5	2	7	4	4	4	4
38	-8,31194	-38,1958	1	0	1	1	0	0	0	0	1
39	-10,8	-42,8333	8	3	5	5	3	2	1	2	4
40	-7,4	-36,5333	2	1	1	1	1	1	1	0	2
41	-6,58333	-37,3333	2	1	1	1	1	1	1	0	2
42	-6,66667	-37,65	1	1	0	0	1	0	1	0	1
43	-5,17	-37,0294	1	1	0	0	1	0	1	0	1
44	-8,58333	-38,6667	1	1	0	0	1	1	0	1	0
45	-8,45	-36,7667	4	2	2	1	3	1	2	2	1
46	-8,58333	-37,25	12	7	5	3	9	2	2	3	8
47	-8,42639	-36,135	3	1	2	2	1	1	1	0	3

48	-8,23333	-35,9167	1	0	1	0	0	0	0	1	0
49	-7,9525	-37,1519	3	2	1	1	1	2	0	2	1
50	-6,58333	-37,3333	4	2	2	2	2	1	2	0	4
51	-6,66667	-37,65	4	2	2	2	2	1	2	0	4
52	-5,95167	-36,9447	1	0	1	1	0	0	0	0	1
53	-7,05267	-36,0517	6	3	3	3	3	2	2	3	3
54	-7,47083	-36,8975	3	1	2	1	2	1	1	1	2
55	-7,39667	-36,5319	8	4	4	3	4	2	3	2	6
56	-5,79278	-37,5569	2	1	1	1	1	0	0	1	1
57	-4,82611	-38,9692	1	0	1	0	1	0	0	0	1
58	-7,40694	-39,3497	10	4	6	6	4	3	2	1	9
59	-7,4	-36,5333	2	1	1	1	1	0	1	0	2
60	14,2758	-43,6656	1	1	0	0	1	0	1	0	1
61	-6,57361	-40,1236	2	0	2	2	0	1	0	0	2
62	-6,81	-36,9606	4	2	2	3	1	1	1	0	4
63	-6,3133	-37,433	3	1	2	2	1	1	1	0	3
64	-6,85861	-36,0153	8	5	3	4	3	2	2	3	5
65	-7,5725	-37,2192	8	5	3	4	3	2	2	3	5
66	-5,57222	-36,9092	2	0	2	2	0	1	0	0	2
67	-5,7925	-37,5567	3	1	2	2	1	1	1	0	3
68	-4,95556	-39,0244	2	1	1	2	0	1	1	0	2
69	-7,01689	-35,8806	1	1	0	0	1	1	0	1	0
70	-8,31194	-38,1958	6	5	1	1	4	1	3	3	3
71	-8,61667	-38,2833	4	1	3	2	2	1	2	1	3
72	-8,3	-38,5833	4	1	3	2	2	1	2	1	3
73	-7,81667	-38,1833	2	1	1	1	1	2	0	1	1

74	-5,55389	-37,8886	2	0	2	2	0	1	0	0	2
75	-14,5522	-44,2175	1	1	0	1	0	0	0	0	1
76	-14,5522	-44,2175	5	3	2	3	2	2	1	1	4
77	-5,69389	-35,8197	4	3	1	1	3	2	2	1	3
78	-8,33333	-35,8333	4	1	3	2	1	2	1	1	3
79	-7,33333	-36,3	4	1	3	3	1	2	1	0	4
80	-7,39167	-36,533	6	3	3	3	2	3	1	2	4
81	-8,15	-36,3208	1	0	1	1	0	0	0	0	0
82	-6,58333	-37,3333	4	2	2	2	2	1	2	0	4
83	-6,66667	-37,65	4	2	2	2	2	1	2	0	4
84	-8,60083	-38,5678	5	2	3	0	4	1	3	2	3
85	-9,0825	-38,2297	3	0	3	1	1	1	0	1	2
86	-9,09083	-38,2286	3	0	3	1	1	1	0	1	2
87	-8,3125	-38,1953	6	4	2	3	3	2	2	1	5
88	-11,1856	-40,4683	2	2	0	0	1	0	1	1	1
89	-10,4667	-40,1833	2	1	1	1	1	0	1	0	2
90	-7,39167	-36,5331	2	1	1	1	1	1	1	1	1
91	-5,34083	-36,8328	4	2	2	2	2	1	2	0	4
92	-6,70278	-37,7542	6	3	3	3	3	2	2	2	4
93	-8,06667	-37,2667	7	4	3	2	5	2	3	2	5
94	-8,38194	-35,8439	5	0	5	2	2	2	0	1	3
95	-8,39139	-36,0103	5	0	5	2	2	2	0	1	3
96	-7,43694	-36,9083	5	3	2	3	1	2	0	2	3
97	-7,42944	-36,9097	5	3	2	3	1	2	0	2	3
98	-7,53139	-36,5608	5	2	3	3	2	2	1	2	3
99	-7,52722	-36,5517	5	2	3	3	2	2	1	2	3

100	-7,42583	-36,4892	6	3	3	4	1	3	0	2	4
101	-7,42083	-36,4881	6	3	3	4	1	3	0	2	4
102	-6,60028	-40,1208	9	2	7	5	4	3	2	1	8
103	-6,74306	-40,3167	9	2	7	5	4	3	2	1	8
104	-6,85361	-41,4708	10	5	5	4	6	1	3	2	8
105	-8,03556	-38,6667	9	4	5	3	6	3	2	4	5
106	-8,13333	-38,8	9	4	5	3	6	3	2	4	5
107	-8,42639	-36,135	5	3	2	1	4	2	2	2	3
108	-8,57389	-38,5458	3	2	1	0	3	2	1	1	1
109	-7,23083	-35,8808	4	2	2	2	2	2	1	1	3
110	-7,35778	-35,8978	4	2	2	2	2	2	1	1	3
111	-7,52	-36,0269	4	2	2	2	2	2	1	1	3
112	-7,42	-35,9997	4	2	2	2	2	2	1	1	3
113	-5,14557	-40,9278	3	0	3	2	1	1	1	0	2
114	-5,1455	-40,9278	3	0	3	2	1	1	1	0	2
115	-5,14556	-40,283	3	0	3	2	1	1	1	0	2
116	-5,25	-40,25	22	5	17	12	7	8	6	3	15
117	-5	-41	22	5	17	12	7	8	6	3	15
118	-9,15	-42,3667	2	2	0	0	2	0	2	0	2
119	-3,68333	-40,3333	5	4	1	3	2	2	2	4	1
120	-8,575	-36,8792	7	4	3	1	5	2	3	3	3
121	-14,4244	-44,1719	3	1	2	2	1	1	1	0	1
122	-7,15058	-35,9754	4	1	3	3	1	0	2	2	2
123	-5,93	-38,0344	6	3	3	3	3	3	2	1	5
124	-7,195	-39,2244	3	1	2	2	1	2	0	2	0
125	-7,47722	-39,56	3	1	2	2	1	2	0	2	0

<b>126</b>	-5,42611	-35,3836	2	2	0	0	2	1	1	1	1
<b>127</b>	-7,47083	-36,8975	16	7	9	6	9	5	5	6	10
<b>128</b>	-7,06194	-37,2997	7	3	4	4	3	3	1	1	5
<b>129</b>	-3,7	-40,35	2	2	0	1	1	0	2	0	2
<b>130</b>	-6,47917	-37,4561	2	2	0	0	2	1	1	1	1
<b>131</b>	-7,08278	-37,2603	3	2	1	1	2	2	1	1	2
<b>132</b>	-5,49944	-37,3411	5	3	2	3	2	1	3	0	5

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