Supplementary material

Table S1. Environmental variables and the abundance of *Brachycephalus rotenbergae* (number of individuals) found within each sampling plot. Measured variables: humid = air humidity (%), depth = leaf-litter depth (cm), ltemp = leaf-litter temperature (°C), and canop = canopy openness (%).

Plot	humid	depth	ltemp	canop	abundance
1	93	3.00	20	28.52	5
2	88	3.43	19.5	29.34	4
3	86	3.75	20.13	31.16	3
4	99	4.75	19.75	27.23	3
5	99	2.25	20.25	29.02	3
6	91	3.50	19.5	34.33	3
7	86	3.33	19.5	27.43	3
8	89	3.68	20.13	37.58	3
9	90	1.68	20	33.75	3
10	83	4.48	20.5	32.98	2
11	94	4.30	19	37.84	2
12	76	3.33	20	31.33	2
13	94	3.25	18.88	31.50	2
14	91	4.25	19	33.53	2
15	82	2.03	20.5	30.81	2
16	92	2.50	18.88	36.72	1
17	87	2.50	18.63	32.55	1
18	99	3.88	19.75	30.49	1
19	96	4.80	21.5	28.21	1
20	80	2.98	20.88	34.26	1
21	82	4.18	20.5	32.62	1
22	84	2.25	21.88	33.05	1
23	90	2.78	20.5	33.93	1
24	90	3.90	19	34.00	0
25	91	4.15	19	32.72	0
26	90	6.45	20	35.23	0
27	73	2.05	21.5	36.00	0
28	74	3.65	20.63	29.89	0
29	73	3.18	21	32.89	0
30	75	3.48	20.75	31.75	0
31	88	3.38	20	36.39	0
32	78	0.70	20	33.85	0
33	82	3.38	19.88	32.75	0
34	81	3.75	21.13	29.19	0
35	77	2.90	20.25	35.84	0
36	78	1.95	21	32.71	0
37	85	2.75	20.75	32.49	0
38	76	2.00	21.75	29.63	0
39	87	3.00	21.38	27.91	0
40	77	2.10	19.38	38.85	0
41	77	3.50	20.88	32.71	0
42	76	2.20	20.5	30.69	0
43	84	3.03	20.38	32.81	0
44	83	4.00	21.38	30.14	0
45	80	3.35	20.88	31.52	0
46	78	1.15	22	29.23	0
47	77	2.45	21.13	31.26	0
48	84	2.68	18.88	27.12	0
49	81	1.28	21	29.21	0
50	87	1.23	21.38	28.45	0
51	90	3.63	20.75	32.48	0
52	85	1.22	20	30.59	0
53	84	3.95	20.75	32.49	0