

Supplementary Material

Table S1. Sampling points for acoustic monitoring of bats APA (Environmental Protection Area) of the Nascentes do Rio Vermelho. **OA** – Open area; **RF** – Riparian forest.

Phytophysiognomies	Areas	Sampling points	Geographic coordinates UTM Zone 23 L – DATUM SIRGAS 2000	
Open Area	Treatment	OA1a	373928 m E	8426128 m S
		OA 2a	376668 m E	8420292 m S
		OA 3a	378186 m E	8408203 m S
		OA 4a	375597 m E	8393969 m S
	Control	OA 1b	374907 m E	8426539 m S
		OA 2b	376976 m E	8420652 m S
		OA 3b	377213 m E	8407721 m S
		OA 4b	375092 m E	8393719 m S
Riparian Forest	Treatment	RF1a	372227 m E	8429843 m S
		RF2a	378324 m E	8412929 m S
		RF3a	377144 m E	8399096 m S
		RF4a	377643 m E	8381987 m S
	Control	RF1b	372776 m E	8429932 m S
		RF2b	377934 m E	8412763 m S
		RF3b	376635 m E	8399580 m S
		RF4b	377017 m E	8382467 m S

Table S2. Diversity comparisons for the studied bat communities. Estimates were made using the iNEXT package in the R language (see data analysis section). ^qD: Diversity value, SC: Sampling coverage, lower: lower confidence interval (95%), upper: upper confidence interval (95%).

Community	Diversity order	^q D	^q D lower	^q D upper	SC	SC lower	SC upper	Comparison
S1.c	0	17.00	16.09	17.91	1.00	0.99	1.00	Survey
S1.c	1	15.84	14.94	16.75	1.00	0.99	1.00	Survey
S1.c	2	15.17	14.19	16.15	1.00	0.99	1.00	Survey
S1.t	0	16.00	14.44	17.56	0.99	0.97	1.00	Survey
S1.t	1	14.60	13.41	15.79	0.99	0.97	1.00	Survey
S1.t	2	13.81	12.64	14.99	0.99	0.97	1.00	Survey
S2.c	0	17.00	13.71	20.29	0.91	0.83	0.99	Survey
S2.c	1	14.70	12.18	17.22	0.91	0.83	0.99	Survey
S2.c	2	13.41	11.21	15.62	0.91	0.83	0.99	Survey
S2.t	0	19.00	16.91	21.09	0.98	0.94	1.00	Survey
S2.t	1	16.89	15.11	18.67	0.98	0.94	1.00	Survey
S2.t	2	15.54	13.76	17.31	0.98	0.94	1.00	Survey
S1	0	17.00	16.53	17.47	1.00	1.00	1.00	Survey
S1	1	15.57	14.86	16.28	1.00	1.00	1.00	Survey
S1	2	14.77	13.97	15.57	1.00	1.00	1.00	Survey
S2	0	20.00	17.95	22.05	0.99	0.97	1.00	Survey
S2	1	16.89	15.40	18.38	0.99	0.97	1.00	Survey
S2	2	15.34	13.89	16.80	0.99	0.97	1.00	Survey
S1.c	0	17.00	15.42	18.58	0.99	0.96	1.00	Riparian
S1.c	1	16.33	15.00	17.65	0.99	0.96	1.00	Riparian
S1.c	2	15.87	14.57	17.17	0.99	0.96	1.00	Riparian
S1.t	0	16.00	14.36	17.64	0.99	0.95	1.00	Riparian
S1.t	1	15.25	13.78	16.71	0.99	0.95	1.00	Riparian
S1.t	2	14.69	13.20	16.19	0.99	0.95	1.00	Riparian
S2.c	0	17.00	13.67	20.33	0.82	0.67	0.96	Riparian
S2.c	1	15.48	12.48	18.48	0.82	0.67	0.96	Riparian
S2.c	2	14.25	11.44	17.07	0.82	0.67	0.96	Riparian
S2.t	0	19.00	16.51	21.49	0.98	0.90	1.00	Riparian

S2.t	1	17.71	15.51	19.91	0.98	0.90	1.00	Riparian
S2.t	2	16.69	14.55	18.83	0.98	0.90	1.00	Riparian
S1	0	17.00	16.19	17.81	1.00	0.99	1.00	Riparian
S1	1	16.10	15.29	16.91	1.00	0.99	1.00	Riparian
S1	2	15.53	14.63	16.44	1.00	0.99	1.00	Riparian
S2	0	20.00	17.88	22.12	0.98	0.94	1.00	Riparian
S2	1	18.12	16.27	19.98	0.98	0.94	1.00	Riparian
S2	2	16.92	15.03	18.81	0.98	0.94	1.00	Riparian
S1.c	0	16.00	13.32	18.68	0.93	0.88	0.99	Open area
S1.c	1	14.46	12.55	16.37	0.93	0.88	0.99	Open area
S1.c	2	13.72	12.14	15.30	0.93	0.88	0.99	Open area
S1.t	0	13.00	11.11	14.89	0.97	0.91	1.00	Open area
S1.t	1	12.07	10.49	13.64	0.97	0.91	1.00	Open area
S1.t	2	11.45	9.95	12.94	0.97	0.91	1.00	Open area
S2.c	0	11.00	8.48	13.52	0.91	0.75	1.00	Open area
S2.c	1	10.17	7.92	12.43	0.91	0.75	1.00	Open area
S2.c	2	9.52	7.42	11.63	0.91	0.75	1.00	Open area
S2.t	0	14.00	11.63	16.37	0.96	0.85	1.00	Open area
S2.t	1	13.17	11.03	15.32	0.96	0.85	1.00	Open area
S2.t	2	12.55	10.47	14.64	0.96	0.85	1.00	Open area
S1	0	16.00	14.14	17.86	0.98	0.96	1.00	Open area
S1	1	14.03	12.76	15.31	0.98	0.96	1.00	Open area
S1	2	13.16	12.01	14.31	0.98	0.96	1.00	Open area
S2	0	14.00	12.30	15.70	0.99	0.94	1.00	Open area
S2	1	12.80	11.32	14.28	0.99	0.94	1.00	Open area
S2	2	11.95	10.41	13.48	0.99	0.94	1.00	Open area
S1.c	0	8.00	7.69	8.31	1.00	0.99	1.00	Forest bats
S1.c	1	7.69	7.22	8.17	1.00	0.99	1.00	Forest bats
S1.c	2	7.48	6.90	8.06	1.00	0.99	1.00	Forest bats
S1.t	0	7.00	6.30	7.70	1.00	0.98	1.00	Forest bats
S1.t	1	6.53	5.81	7.25	1.00	0.98	1.00	Forest bats
S1.t	2	6.22	5.43	7.01	1.00	0.98	1.00	Forest bats
S2.c	0	9.00	6.68	11.32	0.89	0.76	1.00	Forest bats
S2.c	1	7.75	5.80	9.70	0.89	0.76	1.00	Forest bats

S2.c	2	6.91	5.09	8.74	0.89	0.76	1.00	Forest bats
S2.t	0	10.00	8.40	11.60	0.98	0.93	1.00	Forest bats
S2.t	1	9.03	7.73	10.33	0.98	0.93	1.00	Forest bats
S2.t	2	8.42	7.14	9.70	0.98	0.93	1.00	Forest bats
S1	0	8.00	7.63	8.37	1.00	1.00	1.00	Forest bats
S1	1	7.42	6.97	7.87	1.00	1.00	1.00	Forest bats
S1	2	7.10	6.58	7.61	1.00	1.00	1.00	Forest bats
S2	0	11.00	9.29	12.71	0.99	0.95	1.00	Forest bats
S2	1	9.26	8.05	10.47	0.99	0.95	1.00	Forest bats
S2	2	8.36	7.15	9.56	0.99	0.95	1.00	Forest bats
S1.c	0	9.00	8.12	9.88	1.00	0.98	1.00	Open area bats
S1.c	1	8.15	7.35	8.95	1.00	0.98	1.00	Open area bats
S1.c	2	7.70	6.90	8.50	1.00	0.98	1.00	Open area bats
S1.t	0	9.00	7.94	10.06	1.00	0.98	1.00	Open area bats
S1.t	1	8.08	7.23	8.92	1.00	0.98	1.00	Open area bats
S1.t	2	7.61	6.76	8.46	1.00	0.98	1.00	Open area bats
S2.c	0	8.00	6.44	9.56	0.94	0.88	1.00	Open area bats
S2.c	1	7.11	5.96	8.26	0.94	0.88	1.00	Open area bats
S2.c	2	6.69	5.61	7.77	0.94	0.88	1.00	Open area bats
S2.t	0	9.00	7.30	10.70	0.98	0.91	1.00	Open area bats
S2.t	1	7.86	6.50	9.23	0.98	0.91	1.00	Open area bats
S2.t	2	7.12	5.80	8.44	0.98	0.91	1.00	Open area bats
S1	0	9.00	8.61	9.39	1.00	1.00	1.00	Open area bats
S1	1	8.16	7.63	8.68	1.00	1.00	1.00	Open area bats
S1	2	7.70	7.12	8.27	1.00	1.00	1.00	Open area bats
S2	0	9.00	7.89	10.11	1.00	0.98	1.00	Open area bats
S2	1	7.68	6.77	8.58	1.00	0.98	1.00	Open area bats
S2	2	7.06	6.13	7.99	1.00	0.98	1.00	Open area bats
