

Supplementary material

Measuring niche overlap between co-occurring *Plectropomus* spp. using acoustic telemetry and stable isotopes

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Table S1. Detection data for each individual tagged during this study

ID	Section	Size (mm)	Days detected	Days at Liberty	Number of receivers	Residency index
<i>Plectropomus leopardus</i>						
8378	M	525	373	375	8	0.99
8336	M	443	376	376	7	1.00
8370	N	436	266	374	3	0.71
8368	N	513	266	347	1	0.77
8408	N	503	327	373	3	0.88
10194	N	444	201	227	3	0.89
8331	N	570	336	375	3	0.90
8406	N	443	29	32	4	0.91
8412	N	408	49	54	2	0.91
8414	N	596	141	147	16	0.96
8415	N	448	357	368	4	0.97
8335	S	450	230	372	4	0.62
10189	S	459	350	376	9	0.93
10192	S	621	368	376	15	0.98
8405	S	550	97	98	6	0.99
8333	S	408	374	376	12	0.99
10195	S	525	375	376	9	1.00
8337	S	500	376	376	4	1.00
10196	S	486	376	376	5	1.00
8371	S	490	376	376	8	1.00
10188	S	421	376	376	8	1.00
8367	S	462	375	375	9	1.00
10179	S	470	277	277	9	1.00
8392	S	424	376	376	10	1.00
10193	S	527	376	376	11	1.00
8384 ^A	M	432	0	NA	NA	NA
8407 ^A	N	424	0	NA	NA	NA
8383 ^A	S	461	7	18	3	NA
8366 ^B	S	471	43	47	13	NA
8332 ^A	N	475	8	13	2	NA
8397 ^A	S	475	4	4	7	NA
8379 ^A	S	491	1	1	6	NA
	Mean	485	297	317	6.92	0.94
	s.e.	12	22	22	0.80	0.02
	Maximum	621	376	376	16	1.00
	Minimum	408	29	32	1	0.62

ID	Section	Size (mm)	Days detected	Days at Liberty	Number of receivers	Residency index
<i>Plectropomus maculatus</i>						
8402	M	366	376	376	4	1.00
8393	N	308	34	366	3	0.09
8328	N	310	84	355	3	0.24
10183	N	339	115	367	4	0.31
8334	N	383	84	223	3	0.38
10181	N	369	48	112	3	0.43
10187	N	464	202	375	4	0.54
10185	N	386	209	376	4	0.56
8377	N	314	112	190	2	0.59
10174	N	332	87	143	4	0.61
10191	N	367	110	173	6	0.64
8413	N	436	84	127	1	0.66
8375	N	474	132	195	1	0.68
8338	N	410	265	375	3	0.71
10184	N	374	127	165	4	0.77
8411	N	380	23	25	3	0.92
10190	N	313	120	130	5	0.92
8403	N	463	363	376	1	0.97
8396	N	375	287	292	1	0.98
8385	N	336	285	287	3	0.99
8401	N	408	373	375	3	0.99
8330	N	388	37	37	2	1.00
8369	N	354	224	224	2	1.00
8382	N	400	332	332	3	1.00
8387	S	344	52	52	3	1.00
8398 ^A	M	326	0	NA	NA	NA
8380 ^B	M	393	66	152	4	NA
8390 ^A	M	450	1	1	1	NA
8404 ^B	S	281	3	3	11	NA
8409 ^B	S	410	6	6	6	NA
	Mean	376	167	242	3	0.72
	s.e.	10	23	24	0.25	0.06
	Maximum	474	376	376	6	1.00
	Minimum	308	23	25	1	0.09

^AEight *P. leopardus* ($n = 6$) and *P. maculatus* ($n = 2$) individuals removed from analyses because of low numbers of detections. These individuals are not included in summary calculations.

^BFour *P. leopardus* ($n = 1$) and *P. maculatus* ($n = 3$) removed because of evident mortalities. These individuals are not included in summary calculations