

	Function			
	1	2	3	4
A: <i>L. mandelli</i> complex				
Delta Time 1a	3.27	0.77	0.97	0.19
Low Freq 1a	0.37	-0.25	1.53	0.54
High Freq 1a	-0.39	-1.16	-0.05	-0.84
Bandwidth 90% 1a-0.08	0.26	0.27	0.12	
Centre freq 1a	1.67	0.90	-2.30	-1.01
Delta Time 1b	1.11	-0.58	0.55	0.67
Low Freq 1b	-1.94	-1.91	0.60	-0.92
High Freq 1b	-0.64	-0.66	0.88	0.48
Bandwidth 90% 1b0.22	0.19	-0.34	-0.46	
Centre freq 1b	0.81	3.56	-0.20	2.07
Total Duration	-3.42	-0.065	-1.68	0.03
B: <i>L. mandelli</i> vs. <i>L. chengi</i>				
Delta Time 1a	2.46	-0.07		
Low Freq 1a	1.05	1.12		
High Freq 1a	0.09	1.09		
Bandwidth 90% 1a	0.16	-0.33		
Centre freq 1a	-0.84	1.20		
Delta Time 1b	-0.18	0.16		
Low Freq 1b	-3.72	0.62		
High Freq 1b	-1.19	-2.09		
Bandwidth 90% 1b	0.02	-0.02		
Centre freq 1b	5.92	1.18		
Duration 1	-1.51	-0.47		
Delta Time 2	0.04	-0.38		
Low Freq 2	0.47	-2.66		
High Freq 2	-1.49	0.12		
Bandwidth 90% 2	-0.17	-0.12		
Centre Freq 2	0.17	-0.24		
Total Duration	-0.58	1.37		
Center Freq 2/1b	0.31	0.66		

Table S6. Function Coefficients. Standardized Canonical Discriminant Function Coefficients for DFAs on song of (A) the *L. mandelli* complex (see Fig. 12) and (B) *L. mandelli* and *L. chengi* (see Fig. 13). Only results for functions with Eigenvalues >1 and significance levels $P < 0.05$ are presented. See Table S1 for relevant statistics.