

Table S1

Data used in phylogenetic comparative analyses

Species	Display duration (s)	Bob duration (s)	Interbob pause duration (s)	Bob number	Bob uniformity	Bob amplitude variation	Display sources	Sexual size dimorphism (SSD)	SSD sources	Conspicuous coloration, males	Conspicuous coloration, females	Coloration sources
<i>Microlophus delanonis</i>	0.5	0.25	0	2	0.00	0.50	Carpenter (1966)	1.37	Carpenter (1966)	Moderate to strong	Moderate to strong	reptile-database.org
<i>Microlophus grayii</i>	1	0.24	0	4	0.00	0.50	Carpenter (1966)	0.94	Rowe and Clark (n.d.)	Absent to weak	Moderate to strong	Rowe and Clark (n.d.)
<i>Microlophus pacificus</i>	1.3	0.28	0.07	4	1.00	0.50	Carpenter (1966)	1.1	Carpenter (1966)	Absent to weak	Moderate to strong	reptile-database.org
<i>Microlophus habeli</i>	1.01	0.14	0.05	5	1.00	0.00	Carpenter (1966)	1.23	Carpenter (1966)	Absent to weak	Moderate to strong	reptile-database.org
<i>Microlophus bivittatus</i>	1.02	0.2	0	5	0.20	0.20	Carpenter (1966)	1.35	Rowe and Clark (n.d.)	Absent to weak	Moderate to strong	Rowe and Clark (n.d.)
<i>Microlophus duncanensis</i>	0.79	0.23	0.07	3	0.33	0.67	Carpenter (1966)	1.13	Carpenter (1966)	?	Moderate to strong	reptile-database.org
<i>Microlophus jacobi_Sa</i>	0.99	0.26	0.14	3	1.00	0.33	Carpenter (1966)	1.1	Carpenter (1966)	Moderate to strong	Moderate to strong	reptile-database.org
<i>Microlophus jacobi_Rb</i>	0.93	0.24	0.12	3	0.67	0.17	Carpenter (1966)	1.16	Carpenter (1966)	Moderate to strong	Moderate to strong	reptile-database.org
<i>Microlophus indefatigabilis</i> (Santa Cruz)	1.34	0.19	0.1	5	0.20	0.20	Carpenter (1966)	1.25	Rowe and Clark (n.d.)	Moderate to strong	Moderate to strong	Rowe and Clark (n.d.)
<i>Microlophus indefatigabilis</i> (Santa Fe)	1.29	0.18	0.04	6	0.33	0.17	Carpenter (1966)	1.23	Carpenter (1966)	Moderate to strong	Moderate to strong	Rowe and Clark (n.d.)
<i>Microlophus albemarlensis</i> (Isabella)	0.73	0.24	0.16	2.33	0.78	0.11	Carpenter (1966)	1.12	Carpenter (1966)	Absent to weak	Moderate to strong	Rowe and Clark (n.d.)
<i>Microlophus albemarlensis</i> (Fernandina)	0.74	0.24	0.16	2.33	0.78	0.11	Carpenter (1966)	1.36	Carpenter (1966)	Absent to weak	Moderate to strong	Rowe and Clark (n.d.)
<i>Microlophus hispidus</i>	0.74	0.19	0	4	0.33	0.00	Carpenter (1977)	1.24	Carpenter (1977)	?	Moderate to strong	reptile-database.org
<i>Microlophus torquatus</i>	1	0.26	0	4	0.50	0.75	Carpenter (1977)	1.21	Carpenter (1977)	?	Moderate to strong	reptile-database.org
<i>Microlophus occipitalis</i>	1.66	0.56	0	3	1.00	0.33	Carpenter (1977)	1.16	Rowe and Clark (n.d.)	Absent to weak	Absent to weak	Rowe and Clark (n.d.)

References

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