

Appendix to Proc. R. Soc. Lond. B (ISSN 0962 8452): No. 1474, pp. 1381–1386, July 7 2001

This is an electronic appendix to the paper by Kingston *et al* 2001 (Acoustic divergence in two cryptic species of *Hipposideros*). *Proc. R. Soc. Lond. B* **268**, 1381–1386.

Electronic appendices are refereed with the text. However, no attempt has been made to impose a uniform editorial style on the electronic appendices.

Appendix A. Variables measured for the two phonic types of *Hipposideros bicolor* and results of *t*-tests on differences between phonic types. (In each *t*-test * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$).

	131-kHz <i>H. bicolor</i>	142-kHz <i>H. bicolor</i>	
	mean \pm s.d. (n)	mean \pm s.d. (n)	
	(range)	(range)	<i>t</i> (d.f.)
Call frequency (kHz)	130.89 \pm 1.56 (20) (128.0-134.0)	141.80 \pm 1.09 (33) (138.9 - 144.5)	26.90 (29)***
Forearm length (m)	0.0455 \pm 0.0010 (20) (0.0439-0.0472)	0.0434 \pm 0.0008 (33) (0.0413-0.0451)	8.04 (51)***
Hindfoot length (m)	0.0070 (3) (0.007-0.007)	0.0068 \pm 0.0005 (8) (0.0060-0.0070)	1.53 (7)
Ear length (m)	0.0176 \pm 0.0006 (10) (0.0170-0.0185)	0.0179 \pm 0.0007 (18) (0.0170-0.0190)	1.47 (26)
Tail length (m)	0.0288 \pm 0.0018 (6) (0.026-0.031)	0.0276 \pm 0.0023 (14) (0.0240-0.032)	1.04 (17)
Body mass (kg)	0.0081 \pm 0.0006 (20) (0.0070-0.0090)	0.0080 \pm 0.0008 (31) (0.0065-0.0095)	0.84 (49)
Wingspan (m)	0.2756 \pm 0.0113 (8) (0.2580-0.2940)	0.2678 \pm 0.0103 (12) (0.2500-0.2860)	1.59 (18)
Hand-wing area (m ²)	0.0025 \pm 0.0001 (8) (0.0024-0.0027)	0.0023 \pm 0.0002 (12) (0.0020-0.0026)	3.25 (18)**

Appendix to Proc. R. Soc. Lond. B (ISSN 0962 8452): No. 1474, pp. 1381–1386, July 7 2001

Arm-wing area (m ²)	0.0034 ± 0.0004 (8) (0.0028-0.0037)	0.0030 ± 0.0002 (12) (0.0028-0.0036)	3.15 (18)**
Body and tail area (m ²)	0.0011 ± 0.0001(8) (0.0009-0.012)	0.0010 ± 0.0001 (12) (0.0008-0.0012)	1.34 (18)
Wing area (m ²)	0.0140 ± 0.0009 (8) (0.0124-0.0150)	0.0126 ± 0.0008 (12) (0.0116-0.0146)	3.67 (18)**
	131-kHz <i>H. bicolor</i>	142-kHz <i>H. bicolor</i>	
	mean ± s.d. (n)	mean ± s.d (n)	
	(range)	(range)	<i>t</i> (d.f.)
Aspect ratio	5.45 ± 0.24 (8) (5.07-5.94)	5.72 ± 0.31 (12) (5.04-6.33)	2.09 (18)*
Wing loading (Mg/Nm ⁻²)	5.63 ± 0.37 (8) (5.06-6.23)	6.46 ± 0.79 (12) (5.29-7.53)	2.76 (18)*
Arm-wing length (m)	0.0578 ± 0.0039 (8) (0.0520-0.0640)	0.0551 ± 0.0041 (12) (0.0480-0.0620)	1.44 (18)
Hand-wing length (m)	0.0654 ± 0.0027 (8) (0.0610-0.0690)	0.0622 ± 0.0021 (12) (0.0590-0.0650)	2.94 (18)**
Tip length index, TL	1.138 ± 0.103 (8) (1.000-1.320)	1.135 ± 0.084 (12) (1.048-1.329)	0.03 (18)
Tip area index, TS	0.742 ± 0.077 (8) (0.658-0.875)	0.766 ± 0.056 (12) (0.680-0.866)	0.87 (18)
Tip shape index, I	1.971 ± 0.568 (8) (1.360-3.110)	2.183 ± 0.604 (12) (1.540-3.350)	0.86 (18)