

Perks, S. J. and Goodenough, A. E. 2020. Abiotic and spatiotemporal factors affect activity of European bat species and have implications for detectability for acoustic surveys. - Wildlife Biology 2020: wlb.00659

Appendix 1

Table A1. Number of survey nights at each site (1-14) within each month (April-October). The mean number of bat passes per hour are given for total bat activity and for four specific taxa, both per month, per site and overall.

Site	Month	Nights surveyed	Mean bat passes per hour				
			Total activity	Common Pipistrelle	Soprano Pipistrelle	<i>Myotis</i> spp.	<i>Nyctalus</i> spp.
1	April	3	17.63	9.99	4.29	2.38	0.28
	May	9	17.58	9.96	4.27	2.73	0.28
	June	-	-	-	-	-	-
	July	-	-	-	-	-	-
	August	-	-	-	-	-	-
	September	23	15.67	8.63	3.86	2.29	0.22
2	October	15	15.49	8.49	3.83	2.28	0.22
	April	-	-	-	-	-	-
	May	17	17.15	9.65	4.21	2.32	0.28
	June	-	-	-	-	-	-
	July	-	-	-	-	-	-
	August	-	-	-	-	-	-
3	September	16	15.59	8.59	3.83	2.28	0.22
	October	-	-	-	-	-	-
	April	-	-	-	-	-	-
	May	7	18.81	9.55	3.95	2.33	0.28
	June	-	-	-	-	-	-
	July	-	-	-	-	-	-
4	August	-	-	-	-	-	-
	September	-	-	-	-	-	-
	October	-	-	-	-	-	-
	April	-	-	-	-	-	-
	May	-	-	-	-	-	-
	June	3	18.44	10.48	4.33	2.56	0.31

5	April	-	-	-	-	-	-
	May	-	-	-	-	-	-
	June	-	-	-	-	-	-
	July	-	-	-	-	-	-
	August	-	-	-	-	-	-
	September	2	15.66	8.88	3.72	2.16	0.25
	October	-	-	-	-	-	-
6	April	-	-	-	-	-	-
	May	6	18.39	10.45	4.33	2.56	0.31
	June	10	18.19	10.28	4.30	2.56	0.31
	July	20	17.95	10.11	4.26	2.54	0.30
	August	-	-	-	-	-	-
	September	-	-	-	-	-	-
	October	-	-	-	-	-	-
7	April	-	-	-	-	-	-
	May	-	-	-	-	-	-
	June	-	-	-	-	-	-
	July	13	17.91	10.05	4.27	2.54	0.30
	August	-	-	-	-	-	-
	September	-	-	-	-	-	-
	October	-	-	-	-	-	-
8	April	-	-	-	-	-	-
	May	-	-	-	-	-	-
	June	5	19.78	10.95	4.82	2.85	0.32
	July	-	-	-	-	-	-
	August	-	-	-	-	-	-
	September	6	16.00	9.03	3.77	2.25	0.26
	October	-	-	-	-	-	-
9	April	-	-	-	-	-	-
	May	-	-	-	-	-	-
	June	-	-	-	-	-	-
	July	-	-	-	-	-	-
	August	-	-	-	-	-	-
	September	12	15.98	9.04	3.76	2.25	0.26
	October	-	-	-	-	-	-

10	April	-	-	-	-	-	-
	May	-	-	-	-	-	-
	June	-	-	-	-	-	-
	July	-	-	-	-	-	-
	August	9	16.64	9.43	3.91	2.34	0.27
	September	-	-	-	-	-	-
	October	-	-	-	-	-	-
11	April	-	-	-	-	-	-
	May	-	-	-	-	-	-
	June	1	17.96	10.11	4.29	2.56	0.27
	July	-	-	-	-	-	-
	August	7	16.75	9.38	3.92	2.34	0.25
	September	8	15.98	9.02	3.79	2.26	0.24
	October	-	-	-	-	-	-
12	April	16	13.33	11.74	0.58	0.34	0.08
	May	18	2.06	1.06	0.28	0.22	0.20
	June	23	3.71	2.47	0.19	0.42	0.21
	July	22	11.30	9.32	1.68	0.11	0.06
	August	-	-	-	-	-	-
	September	18	6.14	3.23	0.16	1.48	0.23
	October	11	3.08	1.77	0.14	0.74	0.10
13	April	-	-	-	-	-	-
	May	-	-	-	-	-	-
	June	-	-	-	-	-	-
	July	-	-	-	-	-	-
	August	1	15.71	8.69	3.81	2.29	0.22
	September	7	15.68	8.68	3.80	2.29	0.22
	October	-	-	-	-	-	-
14	April	-	-	-	-	-	-
	May	-	-	-	-	-	-
	June	-	-	-	-	-	-
	July	-	-	-	-	-	-
	August	15	50.00	40.27	1.11	0.17	0.01
	September	-	-	-	-	-	-
	October	-	-	-	-	-	-
Total		323	16.27	9.15	4.02	2.20	0.26