

APPENDIX O – Raw survey data from bat static logger surveys 2019

1. Location of static loggers n=8 (ref A-H)



Species Key: P.pip - common pipistrelle/ P.pyg- Soprano pipistrelle/ P.nat – Nathusius pipistrelle/ Pip sp. – Genus *Pipistrellus*/ N.noc- Noctule/ E.ser – serotine/ EptNyc – Genus *EptesicusNyctalus*/P.aur – likely brown long-eared (*Plecotus* spp)/ Myo – Genus *Myotis*/ B. barb - barbastelle

Appendix O	Raw data - Bat Calls at each logger in 2019								
May	Total calls recorded by loggers								
Species	A	B	C	D	E	F	G	H	TOTAL
P.pip	314	317	1035	2208	3176	649	95	424	8218
P.pyg	767	133	298	854	381	523	132	528	3616
P.nat	1						1	1	3
Pip sp	58	97	664	218	273	13	29	119	1471
N.noc	9	9	8	11		7	5	5	54
E.ser	8	11	9			19	6	3	56
Ept/Nyc	15	4	15	7		13	20	45	119
P.aur			4	2		1			7
Myo	44	10	466	45	36	4	58	13	676
B. barb	71	1				4		10	86
NOTES	social calls	social calls							14306
TOTAL	1287	582	2499	3345	3866	1233	346	1148	
June	Total calls recorded by loggers								
	A	B	C	D	E	F	G	H	TOTAL
P.pip	258	615		1331		136	471	226	3037
P.pyg	2723	665		1251		2216	247	516	7618
P.nat	1								1
Pip sp	43	601		689		31	194	75	1633
N.noc	342	23		13		18	10	21	427
E.ser	27	8				6	4	16	61
Ept/Nyc	61	85		21		23	11	49	250
P.aur	8					17	7	7	39

Myo	92	123		61		20	67	25	388
B. bar	45					15	6	8	74
NOTES			no data		no data				13528
TOTAL	3600	2120	0	3366	0	2482	1017	943	
July	Total calls recorded by loggers								
	A	B	C	D	E	F	G	H	TOTAL
P.pip	139	641	1689	1188		186	231	736	4810
P.pyg	1172	1386	630	3467		693	311	1228	8887
P.nat	0	0	0	0	0	0	0	0	0
Pip sp	31	81	100	439		44	80	397	1172
N.noc	14	4	6	1		33	19		77
E.ser	21	132	15	29		140	43	700	1080
Ept/Nyc	32	150	69	43		222	77	463	1056
P.aur	25	1	77	4		11	1	10	129
Myo	64	48	171	61		47	24	65	480
B. bar	107	1	7			14	25	32	186
NOTES					NO DATA				17877
TOTAL	1605	2444	2764	5232		1390	811	3631	
August	Total calls recorded by loggers								
	A	B	C	D	E	F	G	H	TOTAL
P.pip	171	137	952	33	252		43	2582	4170
P.pyg	686	467	255	583	147		68	1220	3426
P.nat		1						5	6
Pip sp	29	80	145	573			33	413	1273
N.noc	33	8	7				4	21	73
E.ser	4						1	1	6
Ept/Nyc	76	272	76	119	153		42	263	1001

P.aur	14	2			20		6	77	119
<i>Myo</i>	55	29	91	40	10		19	114	358
B. bar	46	7	4	1	1		6	31	96
NOTES						NO DATA			10528
TOTAL	1114	1003	1530	1349	583		222	4727	
September	Total calls recorded by loggers								
	A	B	C	D	E	F	G	H	TOTAL
P.pip	48	159	311		22	127	21	735	1423
P.pyg	1403	35	254	2628	178	172	8	287	4965
P. nat									0
Pip sp	6		38	1552	4	6	5	50	1661
N.noc			1		9	4			14
E.ser				2					2
Ept/Nyc	17	11	47	3	2	6	2	48	136
P.aur		1	1	496		4			502
<i>Myo</i>	30		131		7	15		84	267
B. bar	32	3				1		1	37
NOTES					social calls		social calls		9007
TOTAL	1536	209	783	4681	222	335	36	1205	

Total bat calls per night for each logger (n=8) May- September 2019									
	Logger- bat passes per night								
Species	A	B	C	D	E	F	G	H	
P.pip	37.2	74.8	199.4	238.0	230.0	54.9	34.4	188.1	
P.pyg	270.0	107.4	71.9	439.2	47.1	180.2	30.6	151.2	
P.nat	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
Pip sp	6.7	34.4	47.4	173.6	18.5	4.7	13.6	42.2	
N.noc	15.9	1.8	1.1	1.3	0.6	3.1	1.5	1.9	
E.ser	2.4	6.0	1.2	1.6	0.0	8.3	2.2	28.8	
Ept/Nyc	8.0	20.9	10.4	9.7	10.3	13.2	6.1	34.7	
P.aur	1.9	0.2	4.1	25.1	1.3	1.7	0.6	3.8	
Myo	11.4	8.4	43.0	10.4	3.5	4.3	6.7	12.0	
B. bar	12.0	0.5	0.6	0.1	0.1	1.7	1.5	3.3	