

2022 Combined bat static detector results

Table 1 Total bat calls recorded

Species	Calls
Barbastelle	138
Bechstein's Bat	8
Brandt's/Whiskered Bat	426
Brown Long-eared Bat	694
Common Pipistrelle	39524
Daubenton's Bat	209
Leisler's Bat	17
Nathusius' Pipistrelle	84
Natterer's Bat	468
Noctule	1100
Serotine	72
Soprano Pipistrelle	13182
Total	55922

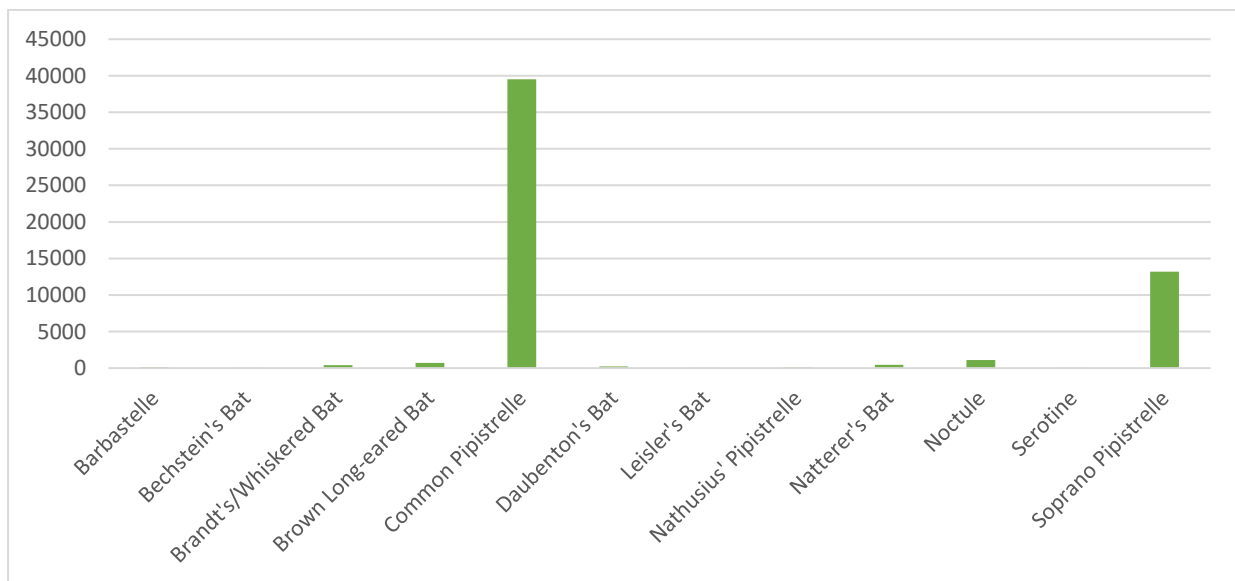


Figure 1 Total bat calls

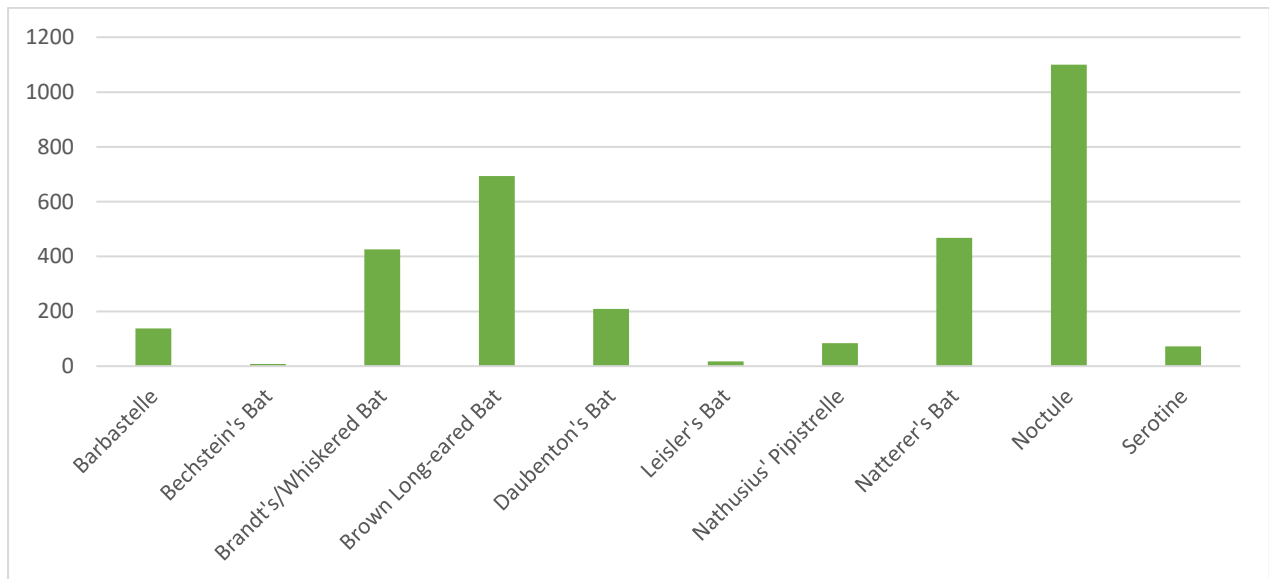


Figure 2 Total bat calls recorded without common or soprano pipistrelle bats

Table 2 Total bat calls per location

Species	A1	A2	B1	B2	B3	B4
Barbastelle	12	45	6	10	46	19
Bechstein's Bat	0	4	4	0	0	0
Brandt's/Whiskered Bat	116	81	3	163	39	24
Brown Long-eared Bat	231	147	75	66	125	50
Common Pipistrelle	11858	3244	2195	18802	1833	1592
Daubenton's Bat	48	27	28	59	10	37
Leisler's Bat	4	2	2	2	4	3
Nathusius' Pipistrelle	0	0	5	50	24	5
Natterer's Bat	200	196	32	7	3	30
Noctule	171	75	201	272	161	220
Serotine	4	12	22	16	6	12
Soprano Pipistrelle	4158	1347	761	3921	1480	1515
Total	16802	5180	3334	23368	3731	3507

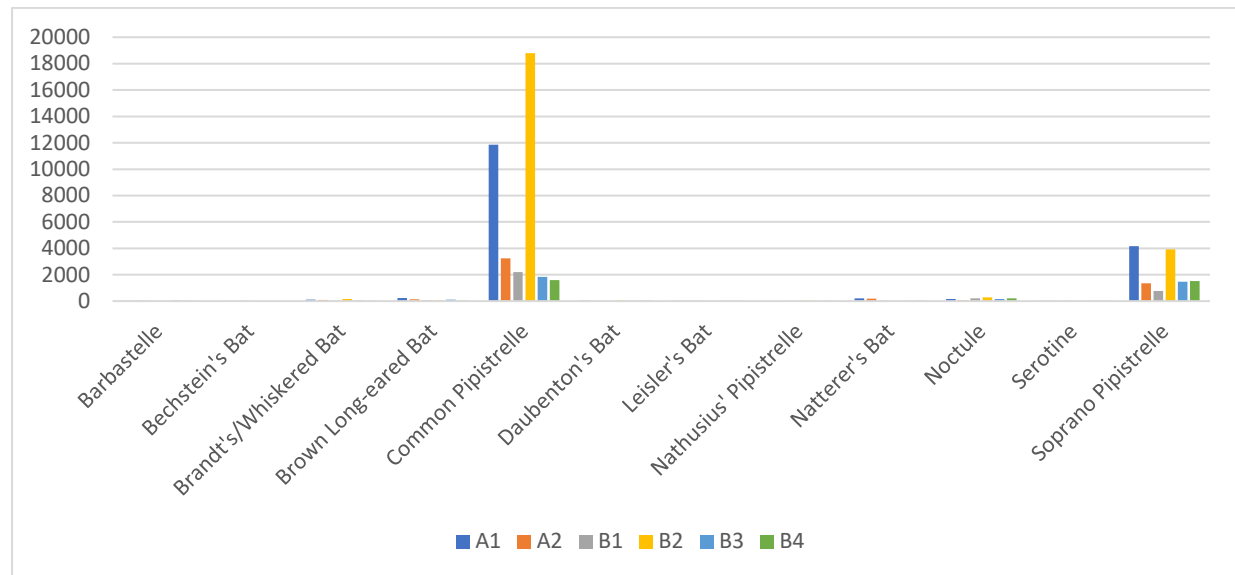


Figure 3 Total bat calls per location

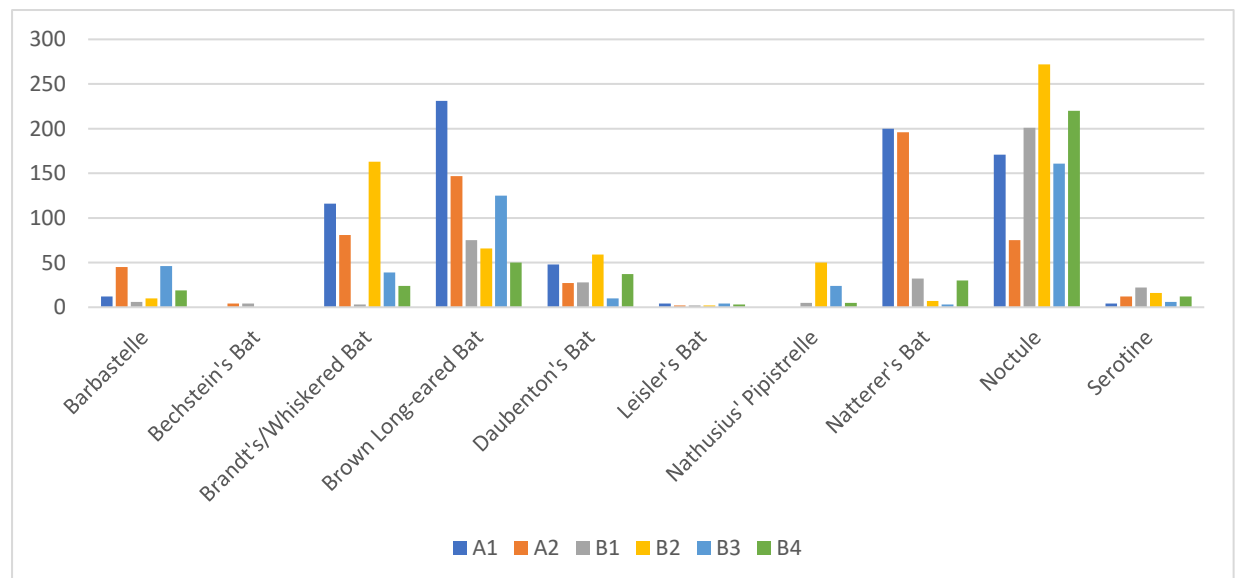


Figure 4 Total bat calls per location, without common or soprano pipistrelle bats

Table 3 Total bat calls per month

Species	Apr	May	Jun	Jul	Aug	Sep	Oct
Barbastelle	1	29	18	2	26	12	50
Bechstein's Bat	3	3	0	0	0	0	2
Brandt's/Whiskered Bat	44	19	125	92	96	1	49
Brown Long-eared Bat	17	27	177	60	279	65	69
Common Pipistrelle	3513	2549	15731	8787	3428	1138	4378
Daubenton's Bat	21	20	65	8	33	8	54
Leisler's Bat	0	0	4	4	5	2	2
Nathusius' Pipistrelle	1	0	81	0	0	1	3
Natterer's Bat	73	151	71	6	148	20	54
Noctule	52	31	219	232	211	58	241

Serotine	0	0	18	32	19	0	3
Soprano Pipistrelle	805	1466	10897	2982	2509	240	1666
Total	4530	4295	10261	12205	6754	1545	6571

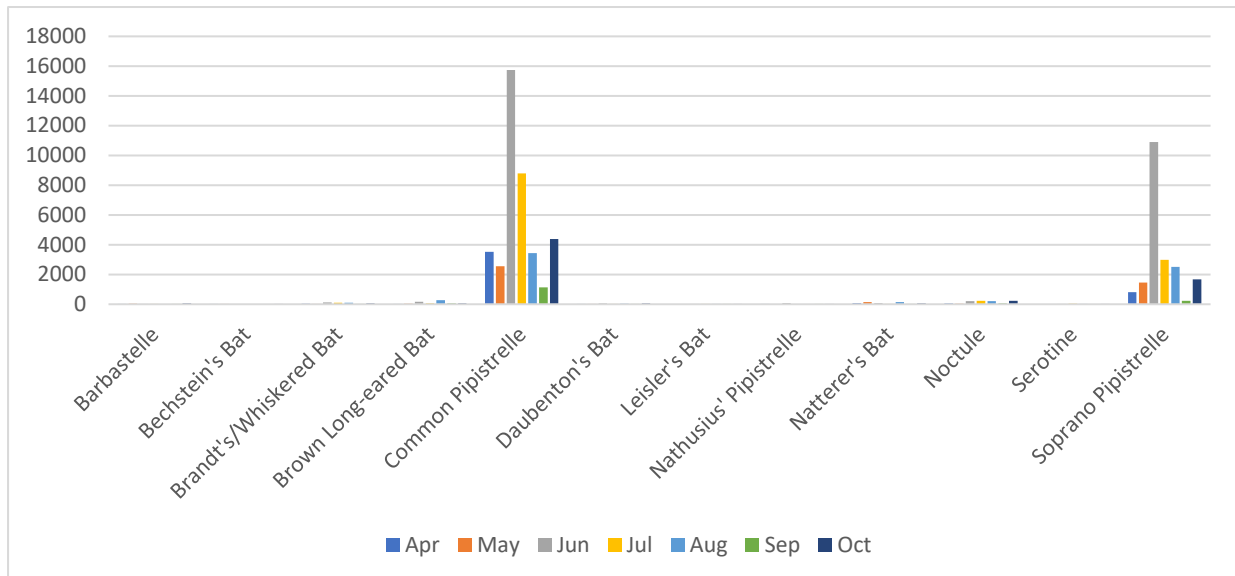


Figure 5 Total bat calls per month

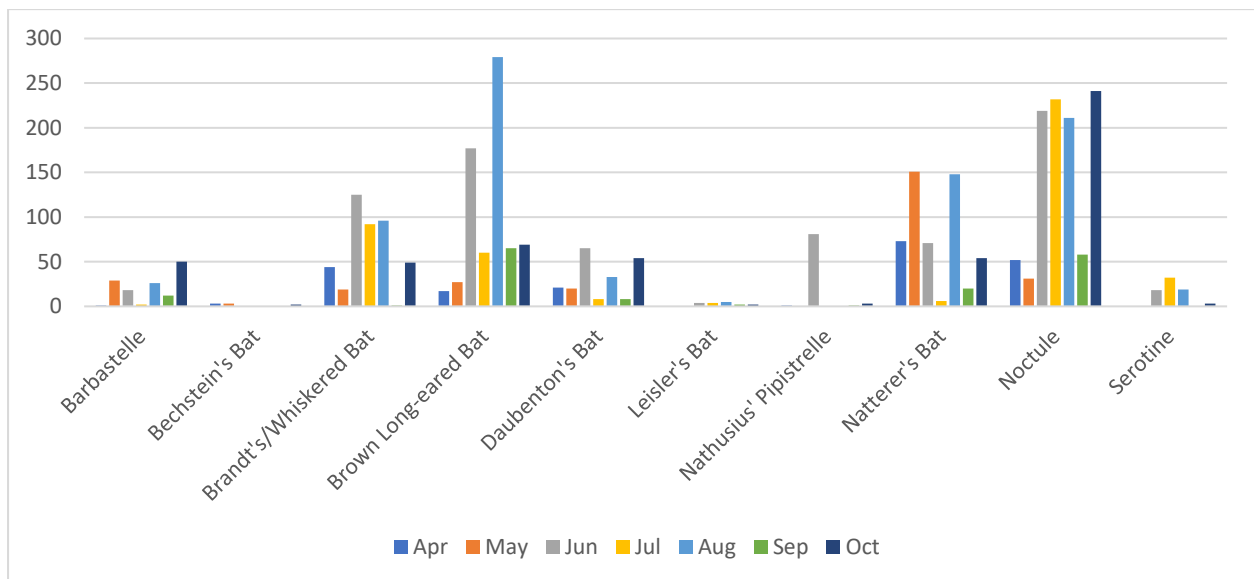


Figure 6 Total bat calls per month, without common or soprano pipistrelle bats

Species	Total
Barbastelle	0.228914
Bechstein's Bat	0.014282
Brandt's/Whiskered Bat	0.737255
Brown Long-eared Bat	1.284067
Common Pipistrelle	63.78333
Daubenton's Bat	0.330215
Leisler's Bat	0.026713

Nathusius' Pipistrelle	0.088876
Natterer's Bat	1.071129
Noctule	1.521645
Serotine	0.09945
Soprano Pipistrelle	21.95392

Table 4 Total bat calls per hour per night

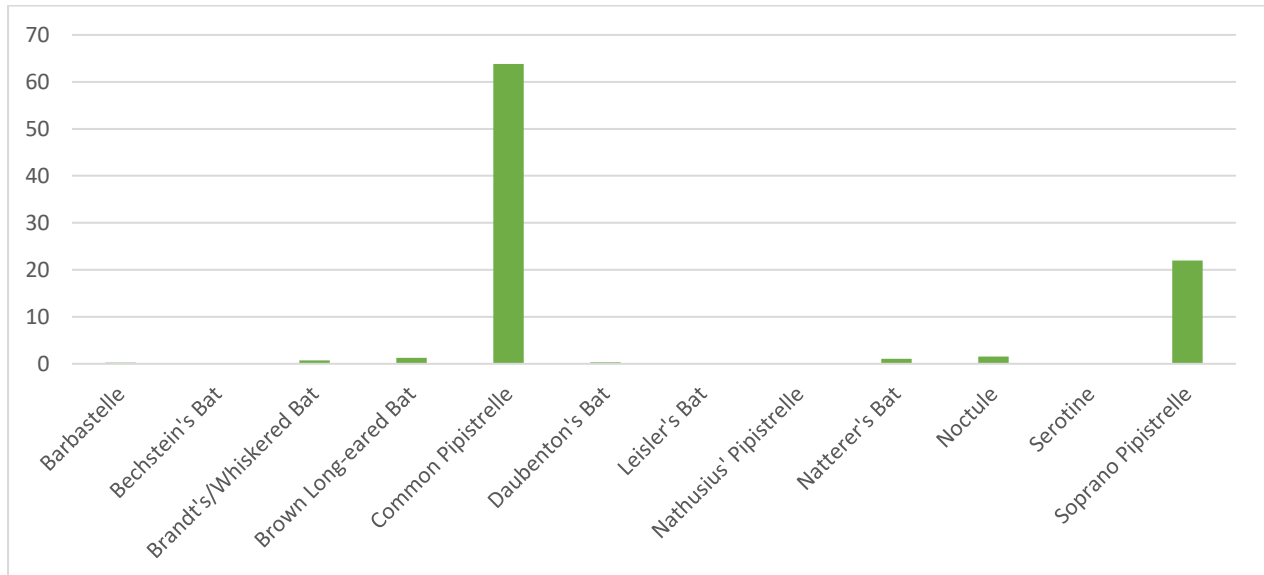


Figure 7 Total bat calls per hour per night

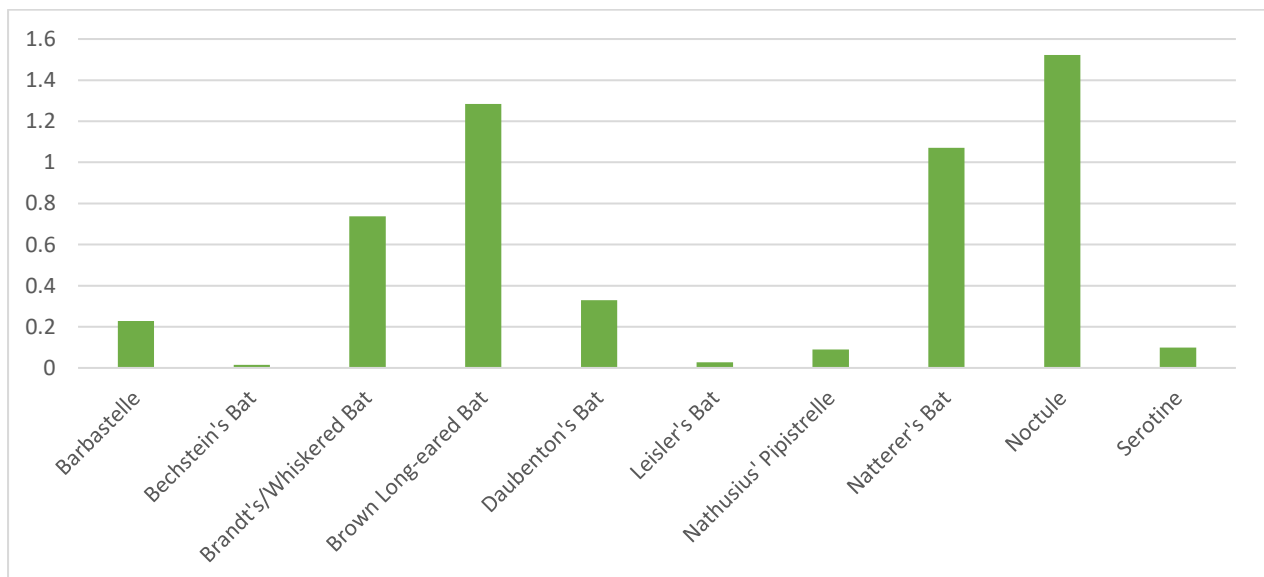


Figure 8 Total bat calls per hour per night, without common or soprano pipistrelle bats

Table 5 Total bat calls per hour per night, per location

Species	A1	A2	B1	B2	B3	B4
Barbastelle	0.047581	0.308621	0.020728	0.046937	0.244135	0.074741
Bechstein's Bat	0	0.027433	0.013819	0	0	0
Brandt's/Whiskered Bat	0.459952	0.555517	0.010364	0.765079	0.206984	0.09441

Brown Long-eared Bat	0.91594	1.008161	0.259103	0.309786	0.663412	0.196688
Common Pipistrelle	47.01824	22.24813	7.583086	88.25158	9.728267	6.262539
Daubenton's Bat	0.190325	0.185172	0.096732	0.27693	0.053073	0.145549
Leisler's Bat	0.01586	0.013716	0.006909	0.009387	0.021229	0.011801
Nathusius' Pipistrelle	0	0	0.017274	0.234687	0.127375	0.019669
Natterer's Bat	0.793021	1.344215	0.110551	0.032856	0.015922	0.118013
Noctule	0.678033	0.514368	0.694396	1.276696	0.854474	0.865426
Serotine	0.01586	0.082299	0.076004	0.0751	0.031844	0.047205
Soprano Pipistrelle	16.48692	9.23805	2.629033	18.40413	7.854792	5.95964

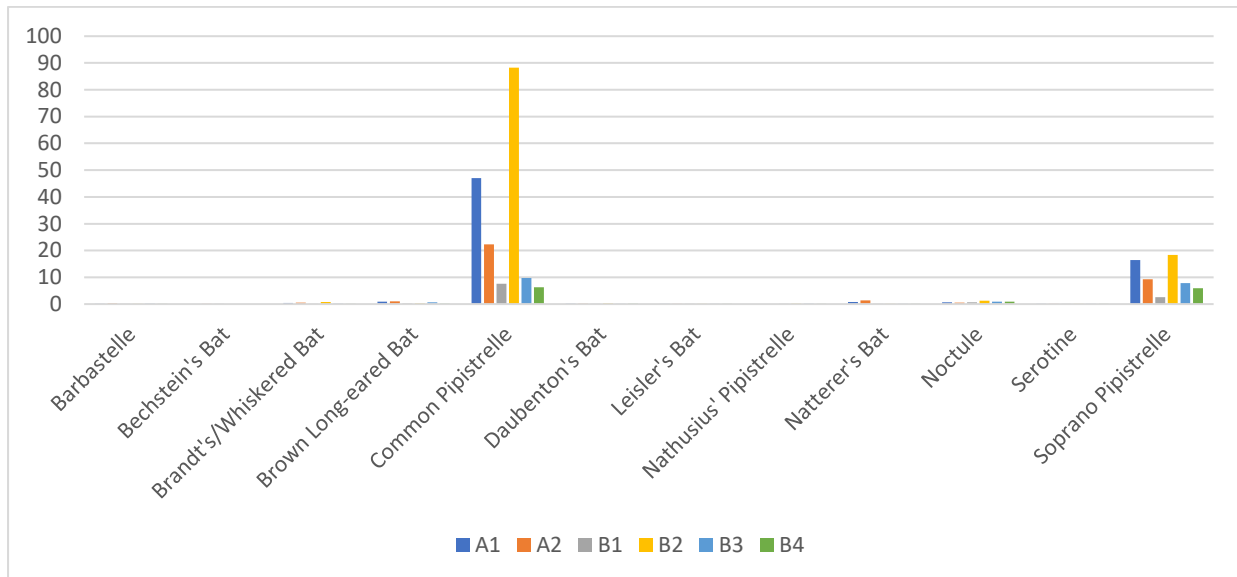


Figure 9 Total bat calls per hour per night, per location

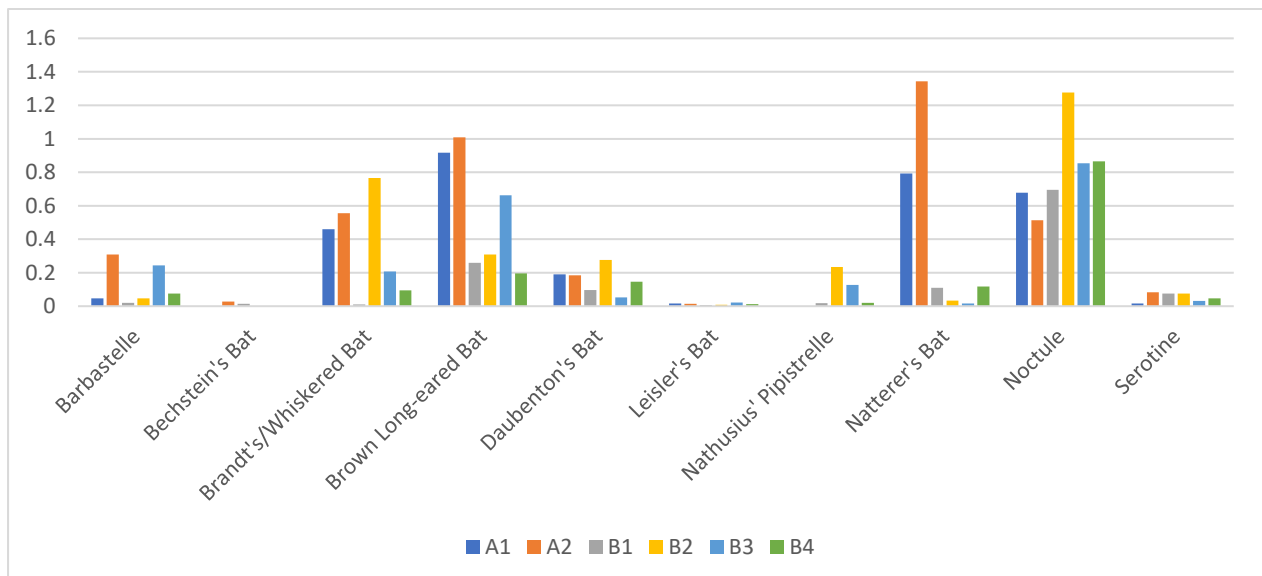


Figure 10 Total bat calls per hour per night, per location, without common or soprano pipistrelle bats

Table 6 Total bat calls per hour per night, per month

Species	Apr	May	Jun	Jul	Aug	Sep	Oct
Barbastelle	0.021853	0.503997	0.123578	0.016142	0.272794	0.12385	0.254646

Bechstein's Bat	0.033508	0.052138	0	0	0	0	0.009176
Brandt's/Whiskered Bat	0.528846	0.330205	1.139966	0.742534	1.00724	0.008846	0.414086
Brown Long-eared Bat	0.243298	0.469239	1.673681	0.484262	2.92729	0.716561	0.467997
Common Pipistrelle	30.87267	44.29962	121.3567	76.2954	35.96685	20.71833	57.17022
Daubenton's Bat	0.250583	0.347584	0.326856	0.064568	0.346239	0.088464	0.462262
Leisler's Bat	0	0	0.01791	0.032284	0.05246	0.035386	0.034412
Nathusius' Pipistrelle	0.005828	0	0.353721	0	0	0.008846	0.013765
Natterer's Bat	1.146562	2.624261	0.085968	0.096852	1.552828	0.406936	0.802936
Noctule	0.447261	0.538756	1.639653	2.405165	2.213829	0.548478	1.509521
Serotine	0	0	0.087759	0.306699	0.199349	0	0.039
Soprano Pipistrelle	5.492424	25.47793	32.76977	39.75787	26.32462	3.096249	10.60908

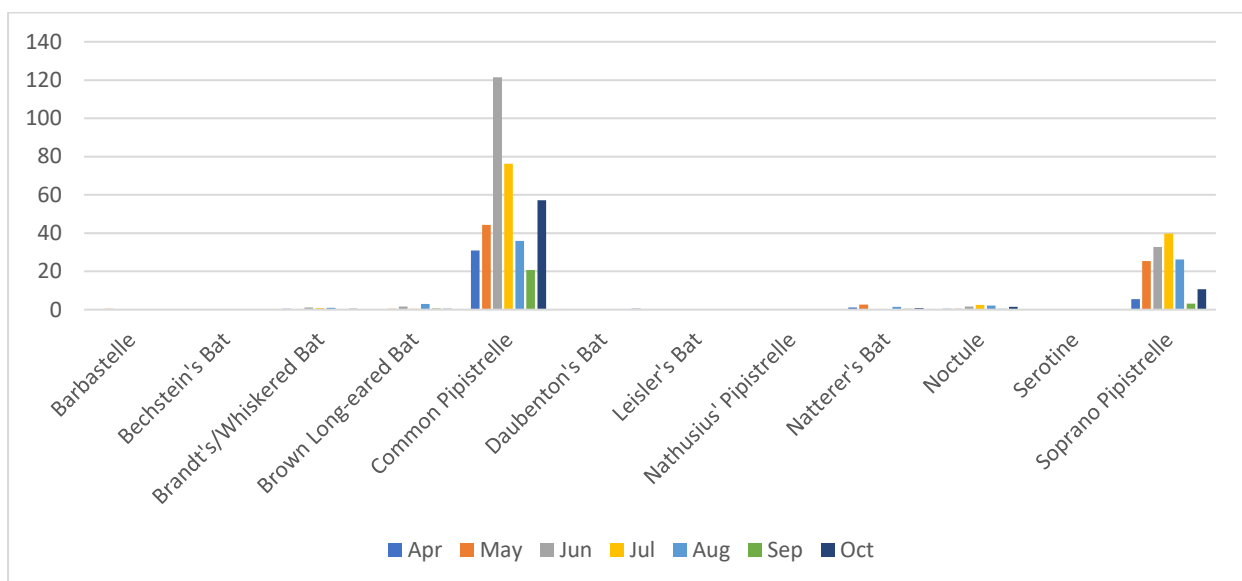


Figure 11 Total bat calls per hour per night, per month

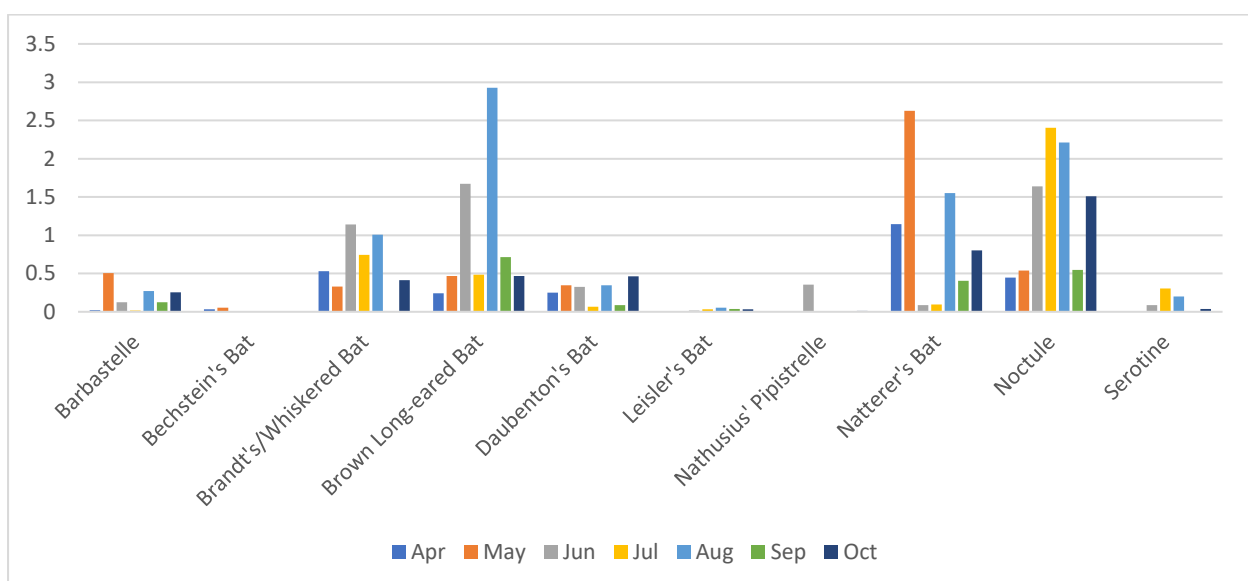


Figure 12 Total bat calls per hour per night, per month, without common or soprano pipistrelle bats

2025 Bat static detector results

Updated labelling and an increase in static detectors used means that previous labelling is overridden (see other technical appendices 10.1 and 10.2)

Previous static locations (2022) in relation updated (2025) are as follows:

2022 static location name	2025 static location name
Pearces Farm	
A1	P1 (Pearces 1)
A2	P2 (Pearces 2)
N/A	P3 (Pearces 3)
N/A	P4 (Pearces 4)
Priors Farm	
B1	N/A
B2	Priors 2
B3	Priors 3
B4	Priors 6
N/A	Priors 1
N/A	Priors 4
	Priors 5

Table 7 Total bat calls, 2025

Species	Sum of Call	Percentage of total calls
Barbastelle	537	1.26%
Common pipistrelle	19228	45.08%
Leisler's bat	829	1.94%
Long-eared bat spp	1929	4.52%
Myotis spp	4692	11.00%
Nathusius' pipistrelle	768	1.80%
Noctule	1614	3.78%
Serotine	2080	4.88%
Soprano pipistrelle	10980	25.74%
Grand Total	42657	100.00%

Table 8 Total bat calls per location, 2025

Species	P1 (Pearces)	P2 (Pearces)	P3 (Pearces)	P4 (Pearces)	P1 (Priors)	P2 (Priors)	P3 (Priors)	P4 (Priors)	P5 (Priors)	P6 (Priors)
Barbastelle		38	4	3	182	43	31	184	25	27
Common pipistrelle	6785	2178	444	1999	711	3774	1233	1304	356	444
Leisler's bat	27	26	4	10	292	154	69	116	53	78

Long-eared bat spp	67	120	9	29	208	676	298	220	183	119
Myotis spp	22	338	15	6	681	566	1223	1282	443	116
Nathusius' pipistrelle	87	248	3	24	78	99	54	69	35	71
Noctule	198	58	10	399	140	405	79	119	102	104
Serotine	14	78	5	5	695	332	297	273	222	159
Soprano pipistrelle	2584	1570	35	245	726	2542	1307	761	417	793
Grand Total	9784	4654	529	2720	3713	8591	4591	4328	1836	1911

Table 9 Total bat calls per month, 2025

Species	Apr	May	Jul	Aug	Sep
Barbastelle	16	31	19	322	149
Common pipistrelle	297	2927	1404	4108	10492
Leisler's bat	104	27	92	452	154
Long-eared bat spp	282	143	238	648	618
Myotis spp	1460	353	148	1544	1187
Nathusius' pipistrelle	31	331	67	129	210
Noctule	38	61	221	424	870
Serotine	194	57	109	1382	338
Soprano pipistrelle	212	3244	713	2751	4060
Grand Total	2634	7174	3011	11760	18078

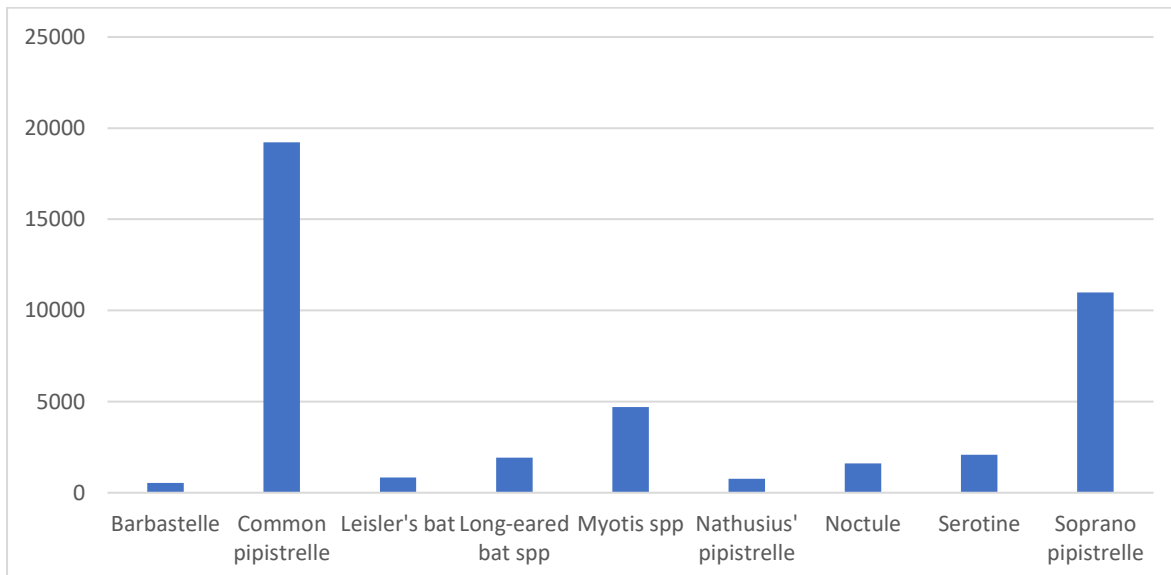


Figure 13 Total bat calls, 2025

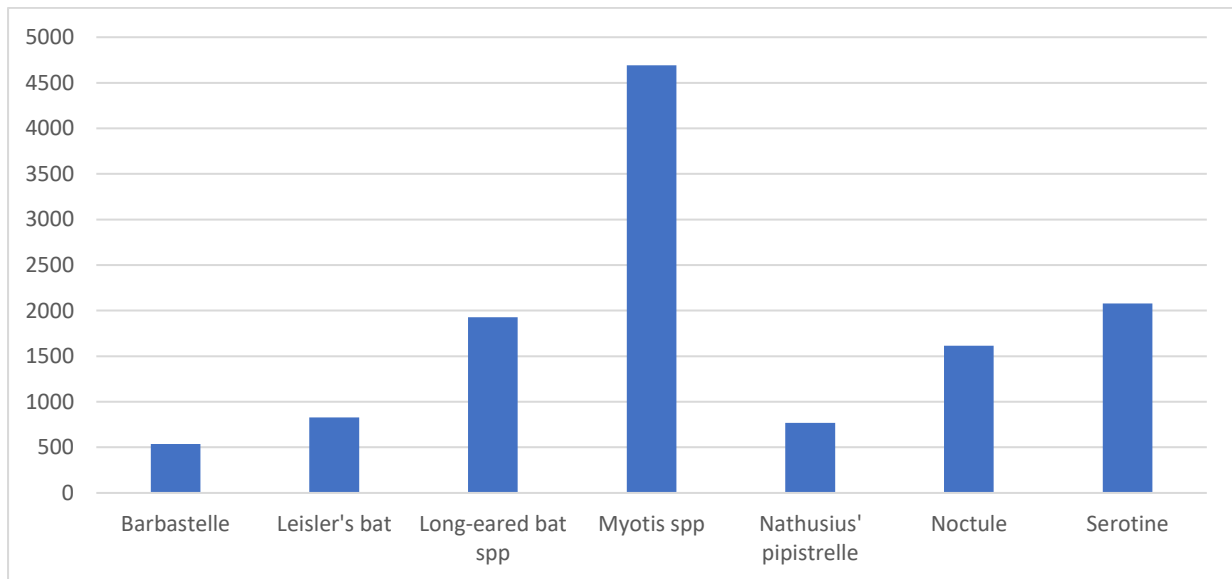


Figure 14 Total bat calls, without common and soprano pipistrelle, 2025

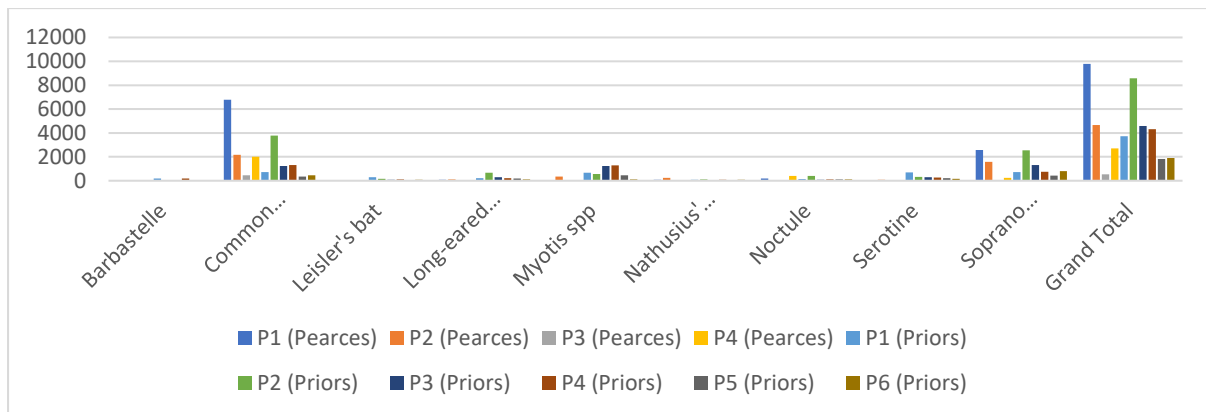


Figure 15 Total bat calls per location, 2025

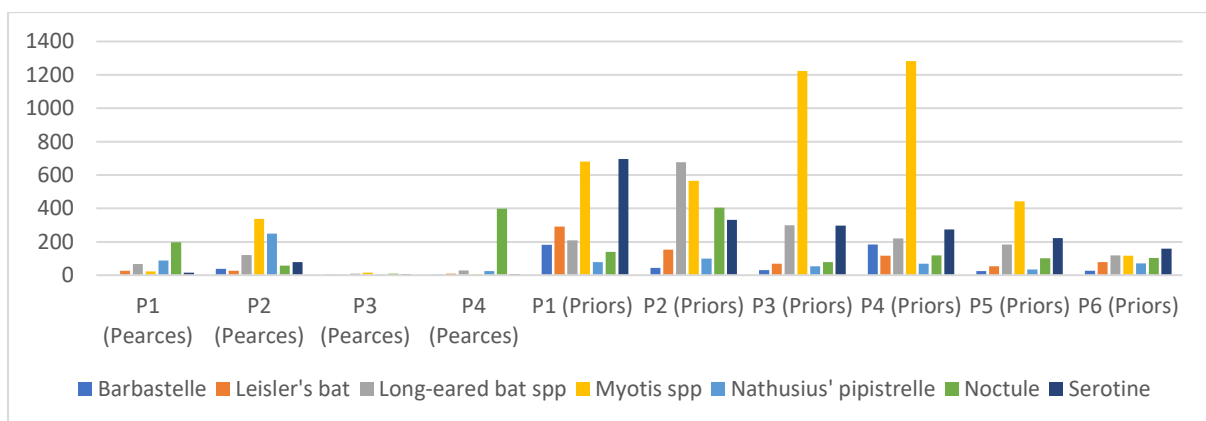


Figure 16 Total bat calls per location, without common and soprano pipistrelle, 2025

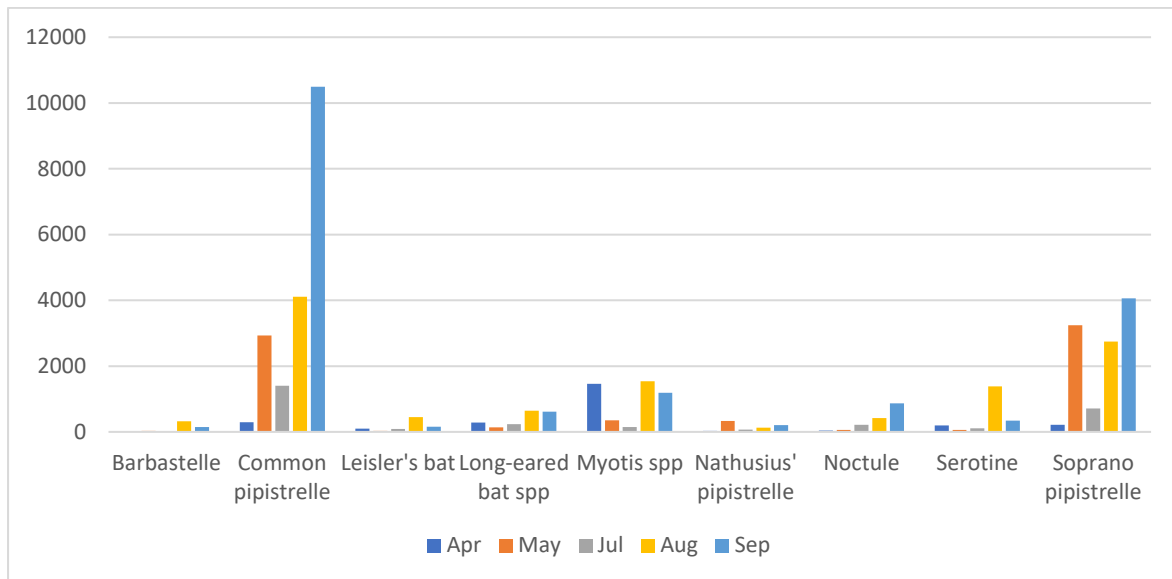


Figure 17 Total bat calls per month, 2025

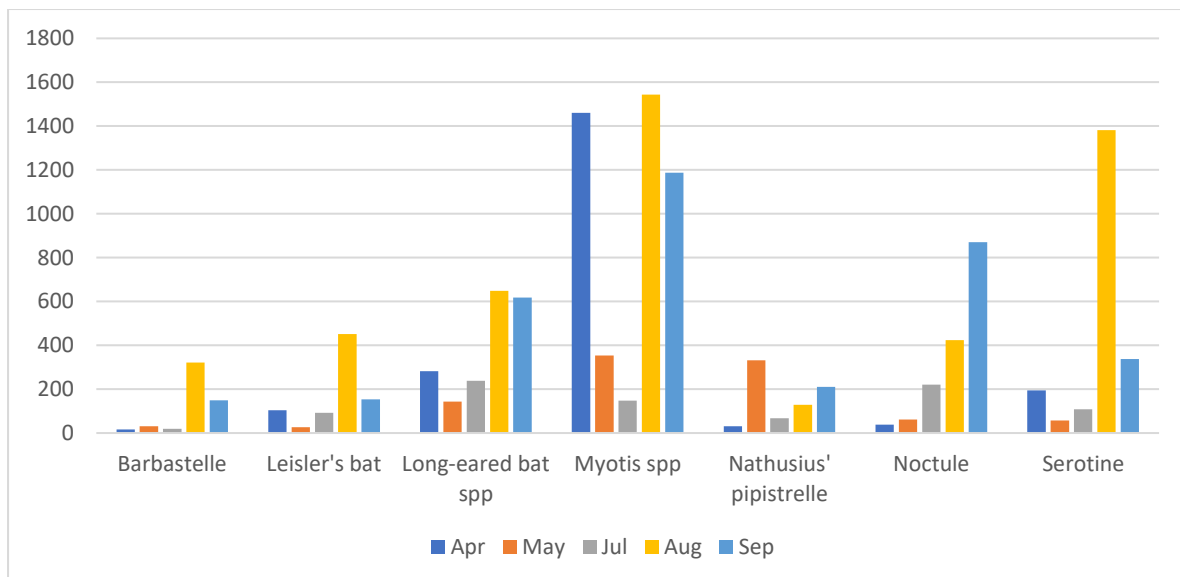


Figure 18 Total bat calls per month, without common and soprano pipistrelle, 2025