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## **ZAŁĄCZNIK I**

### **Opracowanie przyrodnicze**

#### **dla części miasta Łodzi**

inwentaryzacji i waloryzacji przyrodniczej miasta Łodzi wskazującej na aktualny stan walorów przyrodniczo-krajobrazowych miasta wraz z oceną ich stanu zachowania oraz potencjalnych i istniejących zagrożeń na terenach objętych istniejącymi formami ochrony przyrody oraz proponowanych do objęcia ochroną prawną

**wykonane na zlecenie**

**Miejskiej Pracowni Urbanistycznej w Łodzi**



2025-08-19	51.705395	19.6127517
2025-08-20	51.7260967	19.601615
2025-08-20	51.7188183	19.5893633
2025-08-20	51.7187767	19.5892683
2025-08-20	51.7279117	19.6075033
2025-08-20	51.7274567	19.602545
2025-08-21	51.7724083	19.389505
2025-08-21	51.7150902	19.4177436
2025-08-21	51.772315	19.3899867
2025-08-21	51.77227	19.3902867
2025-08-21	51.77227	19.3902867
2025-08-21	51.7722582	19.390332
2025-08-21	51.7720183	19.39017
2025-08-21	51.7719774	19.3901321
2025-08-25	51.7813	19.4684467
2025-08-25	51.7812417	19.468555
2025-08-25	51.78123	19.4685367
2025-08-25	51.78124	19.46862
2025-08-25	51.7812433	19.4685683
2025-08-25	51.7812433	19.4685683
2025-08-25	51.7815657	19.470015
2025-08-25	51.7816062	19.4701353
2025-08-25	51.7815698	19.4703427
2025-08-25	51.7837522	19.4698391
2025-08-25	51.7814793	19.4700556
2025-08-25	51.7814793	19.4700556
2025-08-25	51.7815559	19.4703757
2025-08-25	51.7815316	19.470236
2025-08-25	51.7810375	19.4686204
2025-08-25	51.7816088	19.4701352
2025-08-25	51.7815885	19.4702013
2025-08-25	51.7815926	19.4700926
2025-08-25	51.7815885	19.4702013
2025-08-27	51.7575837	19.4808626
2025-08-27	51.7576497	19.4809174
2025-08-27	51.7574194	19.4804073
2025-08-27	51.8221267	19.497325
2025-08-27	51.8221233	19.4973117
2025-08-27	51.822145	19.4973583
2025-08-27	51.822145	19.4973517
2025-08-27	51.82215	19.4973067
2025-08-27	51.8208104	19.487988
2025-08-27	51.8208104	19.487988
2025-08-27	51.8208156	19.4879832

2025-08-27	51.8208104	19.487988
2025-08-27	51.8219384	19.4821607
2025-08-27	51.8215352	19.4807983
2025-08-27	51.8211822	19.479492
2025-08-27	51.8211818	19.4794918
2025-08-27	51.8231907	19.4741649
2025-08-27	51.8233853	19.4746555
2025-08-27	51.8233896	19.4744444
2025-08-27	51.8233619	19.4748181
2025-08-27	51.8234339	19.474627
2025-08-27	51.8231309	19.4733898
2025-08-27	51.8226638	19.471343
2025-08-27	51.8226639	19.4713429
2025-08-27	51.8231768	19.4707714
2025-08-27	51.8231768	19.4707714
2025-08-27	51.8231911	19.4707425
2025-08-27	51.8231731	19.4707733
2025-08-27	51.8239679	19.4692038
2025-08-27	51.8239679	19.4692038
2025-08-27	51.8239775	19.4691717
2025-08-27	51.8234031	19.4676802
2025-08-27	51.8234079	19.4676843
2025-08-27	51.8215	19.4882083
2025-08-27	51.7574748	19.4806708
2025-08-27	51.7575785	19.4809592
2025-08-27	51.8217183	19.4768716
2025-08-27	51.8239739	19.4691887
2025-08-30	51.731995	20.7345517
2025-08-30	51.8171533	19.4002517
2025-08-30	52.3179737	20.5483017
2025-08-30	51.85908	19.39522
2025-08-30	51.85908	19.39522
2025-08-30	51.8175517	19.4011167
2025-08-30	51.8173918	19.4010183
2025-08-30	51.81752	19.4010633
2025-08-30	51.8173	19.4010133
2025-08-30	51.8150233	19.4394567
2025-08-30	51.8066075	19.4495405
2025-08-30	51.8064017	19.4490683
2025-09-03	51.83759	19.43783
2025-09-03	51.83631	19.43682
2025-09-03	51.83608	19.43653
2025-09-03	51.83362	19.4358
2025-09-03	51.83537	19.43543

2025-09-03	51.82602	19.45695
2025-09-03	51.83603	19.45626
2025-09-03	51.8591	19.50431
2025-09-03	51.85771	19.50537
2025-09-03	51.85796	19.50515
2025-09-03	51.8578	19.50533
2025-09-03	51.83601	19.43641
2025-09-03	51.83673	19.43722
2025-09-03	51.83431	19.43526
2025-09-03	51.83544	19.43554
2025-09-03	51.83354	19.43587
2025-09-03	51.83387	19.43558
2025-09-03	51.8337	19.43573
2025-09-03	51.85867	19.50463
2025-09-03	51.85892	19.50443
2025-09-03	51.84535	19.47846
2025-09-03	51.85884	19.50449
2025-09-04	51.70772	19.40657
2025-09-04	51.7124	19.38851
2025-09-04	51.7124	19.38851
2025-09-04	51.70772	19.40657
2025-09-09	51.69565	19.43705
2025-09-09	51.69941	19.4367
2025-09-19	51.8306433	19.5429467

**Tabela 3.** Data i miejsce rejestracji mroczka pozłocistego *Cnephaeus nilssonii*

DATA	LATITUDE	LONGITUDE
2025-08-30	51.8051596	19.4450227

**Tabela 4.** Daty i miejsca rejestracji borowców wielkich *Nyctalus noctula*

DATA	LATITUDE	LONGITUDE
2025-08-17	51.77264	19.36636
2025-08-17	51.78841	19.37739
2025-08-19	51.70795	19.6025517
2025-08-19	51.7065983	19.58926
2025-08-19	51.7079617	19.6025483
2025-08-19	51.7079567	19.6025483
2025-08-19	51.703375	19.5867083
2025-08-19	51.6993033	19.5637417
2025-08-19	51.697	19.5596483
2025-08-19	51.697	19.5596483
2025-08-19	51.7065917	19.5892667
2025-08-19	51.7163183	19.6219767

2025-08-19	51.69821	19.5559767
2025-08-19	51.6976567	19.5587783
2025-08-19	51.6978	19.5580067
2025-08-19	51.69853	19.5538933
2025-08-19	51.6980867	19.555995
2025-08-19	51.6977867	19.55734
2025-08-19	51.697945	19.5566367
2025-08-19	51.697	19.5596483
2025-08-19	51.697	19.5596483
2025-08-19	51.697	19.5596483
2025-08-19	51.69758	19.5582083
2025-08-19	51.6972483	19.55935
2025-08-19	51.697775	19.5573017
2025-08-19	51.7142883	19.5577567
2025-08-19	51.698515	19.553905
2025-08-24	51.77945	19.40066
2025-08-24	51.77945	19.40066
2025-08-24	51.82987	19.35684
2025-08-25	51.7815834	19.4702202
2025-08-25	51.7812433	19.4685683
2025-08-25	51.781275	19.4684783
2025-08-25	51.7812233	19.4685033
2025-08-25	51.7815948	19.4701519
2025-08-25	51.7809774	19.4686029
2025-08-25	51.7809814	19.4686139
2025-08-25	51.7815185	19.4706118
2025-08-25	51.7837522	19.4698391
2025-08-25	51.7814284	19.4701966
2025-08-25	51.7813339	19.4692397
2025-08-25	51.781	19.4686719
2025-08-25	51.7810083	19.4686318
2025-08-25	51.7809787	19.4686419
2025-08-25	51.7814246	19.4696263
2025-08-25	51.7810352	19.4686765
2025-08-25	51.7815931	19.4700908
2025-08-25	51.7825617	19.4707733
2025-08-25	51.7839808	19.471605
2025-08-25	51.7839313	19.4716129
2025-08-25	51.7839839	19.4716014
2025-08-25	51.7850002	19.4706895
2025-08-25	51.7897434	19.4811076
2025-08-25	51.7898407	19.4799416
2025-08-25	51.7894738	19.4810325
2025-08-25	51.7810657	19.4687586

2025-08-25	51.7808527	19.4688903
2025-08-25	51.7817133	19.4696133
2025-08-25	51.7820683	19.4699917
2025-08-25	51.7817133	19.4696133
2025-08-25	51.7820683	19.4699917
2025-08-25	51.7839046	19.4716124
2025-08-25	51.7843367	19.4712067
2025-08-25	51.7850002	19.4706895
2025-08-25	51.7850019	19.4703921
2025-08-25	51.783645	19.47148
2025-08-25	51.7894006	19.4812314
2025-08-25	51.7902646	19.4826109
2025-08-25	51.790164	19.4825311
2025-08-25	51.7903302	19.4830312
2025-08-25	51.7901923	19.4823422
2025-08-25	51.7899199	19.4815261
2025-08-25	51.7901648	19.4825783
2025-08-25	51.7901316	19.4824943
2025-08-25	51.7898317	19.4814846
2025-08-25	51.790088	19.4822537
2025-08-25	51.7816615	19.4836727
2025-08-25	51.782375	19.4836067
2025-08-27	51.8226211	19.4726153
2025-08-27	51.8215403	19.476437
2025-08-27	51.8234077	19.4676842
2025-08-27	51.7585486	19.4801034
2025-08-27	51.7585483	19.4801033
2025-08-27	51.7576151	19.4808456
2025-08-27	51.7569534	19.4925653
2025-08-27	51.7569549	19.4925687
2025-08-27	51.8221967	19.4973783
2025-08-27	51.82214	19.4972817
2025-08-27	51.820817	19.4879938
2025-08-27	51.8208168	19.4879932
2025-08-27	51.82166	19.4811517
2025-08-27	51.8215349	19.4807983
2025-08-27	51.8213058	19.4806488
2025-08-27	51.8211828	19.4794961
2025-08-27	51.8212148	19.4778115
2025-08-27	51.8212147	19.4777718
2025-08-27	51.8212148	19.4777822
2025-08-27	51.8225773	19.4681221
2025-08-27	51.822576	19.468122
2025-08-27	51.8234118	19.4711252

2025-08-27	51.8232522	19.4763149
2025-08-27	51.8233961	19.4772227
2025-08-27	51.8225078	19.4774046
2025-08-27	51.8224874	19.4774171
2025-08-27	51.8225079	19.4774112
2025-08-27	51.8228133	19.475649
2025-08-27	51.8212223	19.479579
2025-08-27	51.7569384	19.4762682
2025-08-27	51.7570395	19.4753231
2025-08-27	51.7570833	19.4762267
2025-08-27	51.7570833	19.4762267
2025-08-27	51.7570833	19.4762267
2025-08-27	51.7582004	19.4753209
2025-08-27	51.7575656	19.4799572
2025-08-27	51.7574217	19.4759
2025-08-27	51.7540348	19.4859784
2025-08-27	51.7585483	19.4801033
2025-08-27	51.7528827	19.4861528
2025-08-27	51.754034	19.4857955
2025-08-27	51.7528771	19.4861482
2025-08-27	51.7528828	19.4861529
2025-08-27	51.757025	19.49249
2025-08-27	51.7569534	19.492565
2025-08-27	51.75719	19.49248
2025-08-27	51.75719	19.49248
2025-08-27	51.8221833	19.4973267
2025-08-27	51.8208055	19.4879695
2025-08-27	51.8208166	19.4879858
2025-08-27	51.8207997	19.487968
2025-08-27	51.820817	19.4879938
2025-08-27	51.8208164	19.4879876
2025-08-27	51.820817	19.4879938
2025-08-27	51.8208168	19.4879932
2025-08-27	51.8208166	19.4879895
2025-08-27	51.8208044	19.4879792
2025-08-27	51.8211933	19.4879917
2025-08-27	51.8211717	19.4880633
2025-08-27	51.8215449	19.4848633
2025-08-27	51.8216607	19.481154
2025-08-27	51.8219382	19.4821622
2025-08-27	51.82166	19.4811517
2025-08-27	51.82166	19.4811517
2025-08-27	51.82166	19.4811517
2025-08-27	51.8214389	19.4809113

2025-08-27	51.8213058	19.4806488
2025-08-27	51.8214389	19.4809113
2025-08-27	51.821537	19.4807979
2025-08-27	51.8211828	19.4794961
2025-08-27	51.8211745	19.4794889
2025-08-27	51.8211822	19.479492
2025-08-27	51.821182	19.4794917
2025-08-27	51.821215	19.4778042
2025-08-27	51.821215	19.4778042
2025-08-27	51.8217152	19.4768764
2025-08-27	51.8220067	19.4767793
2025-08-27	51.8217152	19.4768764
2025-08-27	51.8215407	19.476437
2025-08-27	51.821539	19.4764279
2025-08-27	51.8233282	19.4745527
2025-08-27	51.8234566	19.4744814
2025-08-27	51.823142	19.4733627
2025-08-27	51.8231313	19.4733883
2025-08-27	51.8231313	19.4733883
2025-08-27	51.8231365	19.4733767
2025-08-27	51.8226675	19.4713502
2025-08-27	51.8231294	19.4733932
2025-08-27	51.8226675	19.4713502
2025-08-27	51.8226718	19.4713242
2025-08-27	51.8226659	19.4713385
2025-08-27	51.8231375	19.4709621
2025-08-27	51.8232098	19.47071
2025-08-27	51.8234468	19.471153
2025-08-27	51.8231762	19.4707681
2025-08-27	51.8225618	19.4681408
2025-08-27	51.8225773	19.4681221
2025-08-27	51.8225756	19.4681224
2025-08-27	51.8236102	19.4708761
2025-08-27	51.8236711	19.4715883
2025-08-27	51.8236711	19.4715883
2025-08-27	51.8226006	19.4725771
2025-08-27	51.8226021	19.4725789
2025-08-27	51.8235074	19.4755741
2025-08-27	51.8235231	19.4756553
2025-08-27	51.8230268	19.4761392
2025-08-27	51.8224938	19.4774171
2025-08-27	51.8231022	19.4764973
2025-08-27	51.8225083	19.4774112
2025-08-27	51.8225079	19.4774112

2025-08-27	51.8228427	19.4770115
2025-08-27	51.8228427	19.4770115
2025-08-27	51.8228884	19.4769569
2025-08-27	51.8228725	19.4760669
2025-08-27	51.8228133	19.475649
2025-08-27	51.821208	19.4796024
2025-08-27	51.8212187	19.4795851
2025-08-27	51.821223	19.479578
2025-08-27	51.8212228	19.4795781
2025-08-27	51.8210576	19.4808394
2025-08-27	51.821065	19.4808782
2025-08-27	51.821062	19.480868
2025-08-27	51.8210562	19.4808433
2025-08-27	51.821056	19.4808423
2025-08-27	51.8210564	19.4808435
2025-08-30	51.731995	20.7345517
2025-08-30	51.817125	19.4004283
2025-08-30	51.816885	19.4009483
2025-08-30	52.3179633	20.5478967
2025-08-30	52.3179737	20.5483017
2025-08-30	52.3179694	20.5481335
2025-08-30	51.8173918	19.4010183
2025-08-30	51.8116933	19.4134833
2025-08-30	51.8055819	19.4294648
2025-08-30	51.804542	19.4448253
2025-08-30	51.8173767	19.4010033
2025-08-30	51.817445	19.40102
2025-08-30	51.8116483	19.413495
2025-08-30	51.81731	19.4010033
2025-08-30	51.8116017	19.4186033
2025-08-30	51.81162	19.4186217
2025-08-30	51.8116483	19.413495
2025-08-30	51.811625	19.4186167
2025-08-30	51.8048957	19.444605
2025-08-30	51.804802	19.4465467
2025-08-30	51.8048374	19.4416393
2025-09-03	51.8443	-19.47461
2025-09-03	51.83484	19.43491
2025-09-03	51.82602	19.45695
2025-09-03	51.85831	19.50489
2025-09-03	51.82614	19.45709
2025-09-03	51.84518	19.47831
2025-09-03	51.84449	19.47797
2025-09-03	51.84526	19.47837

2025-09-03	51.84526	19.47837
2025-09-03	51.84403	19.47715
2025-09-03	51.84412	19.47688
2025-09-03	51.8441	19.47244
2025-09-03	51.8441	19.47244
2025-09-03	51.84432	19.47243
2025-09-03	51.84432	19.47243
2025-09-03	51.84428	19.4729
2025-09-03	51.84432	19.47337
2025-09-03	51.8443	19.47321
2025-09-03	51.84435	19.47398
2025-09-03	51.84434	19.47383
2025-09-03	51.8446	19.47796
2025-09-04	51.71254	19.35668
2025-09-09	51.69953	19.43663
2025-09-09	51.69953	19.43663
2025-09-09	51.69941	19.4367
2025-09-09	51.69619	19.43621
2025-09-09	51.69941	19.4367
2025-09-15	51.7306117	19.54322
2025-09-15	51.8074467	19.5894867
2025-09-19	51.8456683	19.5250467

**Tabela 5.** Daty i miejsca rejestracji borowców leśnych *Nyctalus leisleri*

DATA	LATITUDE	LONGITUDE
2025-08-19	51.70299	19.586295
2025-08-19	51.707945	19.60257
2025-08-27	51.7576151	19.4808456
2025-08-27	51.8221717	19.4973917
2025-08-27	51.8221267	19.497325
2025-08-27	51.822145	19.497315
2025-08-27	51.8221233	19.4973117
2025-08-27	51.822145	19.4973517
2025-08-27	51.822145	19.4973583
2025-08-27	51.8208183	19.4879672
2025-08-27	51.8221667	19.4973483
2025-08-27	51.8239838	19.469143
2025-08-27	51.8209261	19.4823535
2025-08-30	51.8173767	19.4010033
2025-08-30	51.8116933	19.4134833

**Tabela 6.** Daty i miejsca rejestracji karlików większych *Pipistrellus nathusii*

DATA	LATITUDE	LONGITUDE
2025-08-19	51.7014267	19.551025
2025-08-19	51.7046017	19.6134217
2025-08-19	51.71271	19.5537767
2025-08-21	51.71509	19.417745
2025-08-21	51.71509	19.417745
2025-08-24	51.77017	19.39345
2025-08-27	51.7540348	19.4859784
2025-08-27	51.7538155	19.4854256
2025-08-27	51.7530656	19.4855306
2025-08-27	51.7540354	19.4856037
2025-08-27	51.7534145	19.4866769
2025-08-27	51.753109	19.4868718
2025-08-27	51.8215402	19.4764363
2025-08-27	51.7572267	19.4759133
2025-08-27	51.757455	19.4757333
2025-08-27	51.7576449	19.4810222
2025-08-27	51.7576388	19.4809969
2025-08-27	51.758763	19.4800088
2025-08-27	51.7585483	19.4801032
2025-08-27	51.7585483	19.4801034
2025-08-27	51.7528033	19.4850267
2025-08-27	51.7537242	19.4857119
2025-08-27	51.7537759	19.4854401
2025-08-27	51.754196	19.485959
2025-08-27	51.7541855	19.4858935
2025-08-27	51.7537759	19.4854401
2025-08-27	51.7538155	19.4854256
2025-08-27	51.7536718	19.4853366
2025-08-27	51.753936	19.4858851
2025-08-27	51.7536636	19.4853327
2025-08-27	51.7535883	19.4851898
2025-08-27	51.7537204	19.4854545
2025-08-27	51.7540354	19.4856037
2025-08-27	51.7537377	19.4854189
2025-08-27	51.753614	19.4857828
2025-08-27	51.7538259	19.4859184
2025-08-27	51.7540285	19.4859764
2025-08-27	51.753746	19.4868705
2025-08-27	51.7539621	19.4857373
2025-08-27	51.7524684	19.4862452
2025-08-27	51.7524561	19.486219
2025-08-27	51.8217162	19.4768695

2025-08-27	51.7570504	19.4925017
2025-08-27	51.8231417	19.4742354
2025-08-27	51.8231907	19.4741649
2025-08-27	51.823164	19.4742039
2025-08-27	51.8231512	19.4742225
2025-08-30	51.8159883	19.4064683
2025-08-30	51.805572	19.4457686
2025-08-30	51.8058784	19.4466516
2025-08-30	51.8045431	19.4448552
2025-08-30	51.8045426	19.4448194
2025-08-30	51.816885	19.4009483
2025-08-30	51.8171217	19.40045
2025-08-30	51.8116117	19.4185683
2025-08-30	51.8046557	19.444542
2025-08-30	51.8059066	19.4467791
2025-09-03	51.84453	19.47785
2025-09-09	51.69941	19.4367
2025-09-09	51.69565	19.43705
2025-09-09	51.69527	19.43706
2025-09-09	51.69527	19.43706
2025-09-09	51.69566	19.43701
2025-09-09	51.69537	19.43707
2025-09-09	51.69547	19.43706
2025-09-09	51.69602	19.43637
2025-09-09	51.69941	19.4367
2025-09-09	51.69941	19.4367
2025-09-09	51.69941	19.4367
2025-09-09	51.69584	19.43666
2025-09-09	51.71357	19.45522
2025-09-09	51.72437	19.52178
2025-09-09	51.72412	19.52196
2025-09-09	51.7242	19.52188
2025-09-09	51.72412	19.52196
2025-09-09	51.72404	19.522
2025-09-09	51.724	19.52213
2025-09-09	51.724	19.52213
2025-09-09	51.724	19.52213
2025-09-09	51.724	19.52242
2025-09-09	51.72397	19.52228
2025-09-09	51.72402	19.52257
2025-09-09	51.724	19.52242
2025-09-09	51.72399	19.52227
2025-09-09	51.72399	19.52227
2025-09-09	51.72397	19.52211

2025-09-09	51.72408	19.52188
2025-09-09	51.72401	19.52198
2025-09-09	51.72417	19.52193
2025-09-09	51.72408	19.52188
2025-09-09	51.72408	19.52188
2025-09-15	52.20519	20.046095
2025-09-15	51.7523783	19.6296717
2025-09-15	51.7308082	19.5310556
2025-09-15	52.20519	20.046095
2025-09-15	52.20519	20.046095
2025-09-15	51.7307581	19.5309342
2025-09-15	52.20519	20.046095
2025-09-15	51.7308012	19.5312056
2025-09-15	51.7308468	19.5432529
2025-09-15	51.7523983	19.6297133
2025-09-15	51.752395	19.6296767
2025-09-15	51.7523917	19.6297283
2025-09-15	51.75242	19.6296817
2025-09-15	51.75238	19.6296733
2025-09-15	52.20519	20.046095
2025-09-15	51.7523633	19.629675
2025-09-15	51.7523967	19.62967
2025-09-15	51.7523633	19.629675
2025-09-15	51.7523967	19.62967
2025-09-15	51.752555	19.6296483

**Tabela 7.** Daty i miejsca rejestracji karlików malutkich *Pipistrellus pipistrellus*

DATA	LATITUDE	LONGITUDE
2025-08-17	51.77264	19.36636
2025-08-17	51.79118	19.37814
2025-08-17	51.77255	19.36641
2025-08-17	51.77255	19.36641
2025-08-17	51.78083	19.37296
2025-08-17	51.77255	19.36641
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296
2025-08-17	51.78083	19.37296



2025-08-17	51.8027	19.35559
2025-08-17	51.8027	19.35559
2025-08-17	51.8027	19.35559
2025-08-18	51.8027	19.35559
2025-08-18	51.8027	19.35559
2025-08-18	51.8027	19.35559
2025-08-18	51.8027	19.35559
2025-08-18	51.8027	19.35559
2025-08-18	51.8027	19.35559
2025-08-18	51.8027	19.35559
2025-08-18	51.8027	19.35559
2025-08-18	51.8027	19.35559
2025-08-21	51.77226	19.3902133
2025-08-21	51.7724016	19.3894425
2025-08-21	51.7722695	19.3901828
2025-08-21	51.7722607	19.3902118
2025-08-21	51.7722607	19.3902118
2025-08-21	51.7722488	19.3904845
2025-08-21	51.7723064	19.3903254
2025-08-21	51.7722783	19.3903229
2025-08-21	51.7722739	19.3903123
2025-08-21	51.772315	19.3903367
2025-08-21	51.7722686	19.3902947
2025-08-21	51.7722567	19.39028
2025-08-21	51.77227	19.3902868
2025-08-21	51.77227	19.3902867
2025-08-21	51.77227	19.3902867
2025-08-21	51.77227	19.3902867
2025-08-21	51.77227	19.3902867
2025-08-21	51.77227	19.3902867
2025-08-21	51.7722533	19.3903233
2025-08-21	51.7722833	19.3903233
2025-08-21	51.7722833	19.3903233
2025-08-21	51.7722549	19.390296
2025-08-21	51.772255	19.3902967
2025-08-21	51.7722427	19.3903317
2025-08-21	51.7722633	19.3903317
2025-08-21	51.77227	19.3903233
2025-08-21	51.7722814	19.3903292
2025-08-21	51.7721494	19.3902377
2025-08-21	51.7720964	19.3902032
2025-08-21	51.7721893	19.3902509
2025-08-21	51.7719773	19.3901342
2025-08-21	51.7719783	19.390135

2025-08-21	51.7719783	19.390135
2025-08-21	51.7720983	19.3901983
2025-08-21	51.7721283	19.3903017
2025-08-21	51.7721283	19.3903017
2025-08-21	51.7721383	19.3902717
2025-08-21	51.7721283	19.3903017
2025-08-21	51.7721383	19.3902717
2025-08-21	51.7721383	19.3902717
2025-08-21	51.7721383	19.3902717
2025-08-21	51.77216	19.3903317
2025-08-21	51.7721533	19.3902817
2025-08-24	51.7793	19.40026
2025-08-24	51.77186	19.39075
2025-08-24	51.75988	19.38319
2025-08-24	51.76011	19.38424
2025-08-24	51.75993	19.38291
2025-08-24	51.76137	19.39035
2025-08-24	51.76247	19.39557
2025-08-24	51.76624	19.39531
2025-08-24	51.76588	19.3955
2025-08-24	51.76606	19.3954
2025-08-24	51.76642	19.39523
2025-08-24	51.76877	19.39408
2025-08-24	51.76904	19.39396
2025-08-24	51.77207	19.39104
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77207	19.3909
2025-08-24	51.77198	19.39097
2025-08-24	51.77207	19.3909
2025-08-24	51.77198	19.39097
2025-08-24	51.77192	19.39086
2025-08-24	51.77186	19.39075
2025-08-24	51.77192	19.39086



2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
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2025-08-24	51.77938	19.40024
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2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
2025-08-24	51.77938	19.40024
2025-08-24	51.7793	19.40026
2025-08-24	51.7793	19.40026
2025-08-25	51.789015	19.483275
2025-08-25	51.7901817	19.4825008
2025-08-25	51.790164	19.4825311
2025-08-25	51.7892258	19.4824465
2025-08-25	51.7815205	19.4704847
2025-08-25	51.789015	19.483275
2025-08-25	51.789015	19.483275
2025-08-25	51.7902786	19.4826809
2025-08-27	51.757455	19.4757333
2025-08-27	51.75742	19.4760183
2025-08-27	51.7572267	19.4759133
2025-08-27	51.757225	19.4762317
2025-08-27	51.7576283	19.4809836
2025-08-27	51.7576283	19.4809836
2025-08-27	51.7576066	19.4809616
2025-08-27	51.7576984	19.481065
2025-08-27	51.7586369	19.4801353
2025-08-27	51.7587564	19.4800166
2025-08-27	51.758549	19.4801011
2025-08-27	51.7524624	19.4862447
2025-08-27	51.7524684	19.4862452
2025-08-27	51.7570346	19.4925078
2025-08-27	51.7570483	19.4925017
2025-08-27	51.7570485	19.4925017
2025-08-27	51.8231417	19.4742354
2025-08-27	51.7574217	19.4759
2025-08-27	51.7573717	19.47604

2025-08-27	51.7573717	19.47604
2025-08-27	51.7573717	19.47604
2025-08-27	51.7573717	19.47604
2025-08-27	51.7572483	19.4761067
2025-08-27	51.7572483	19.4761067
2025-08-27	51.7572483	19.4761067
2025-08-27	51.7572483	19.4761067
2025-08-27	51.7572267	19.4759133
2025-08-27	51.7572267	19.4759133
2025-08-27	51.7576283	19.4809836
2025-08-27	51.7576556	19.4810565
2025-08-27	51.7576066	19.4809616
2025-08-27	51.7576265	19.4809883
2025-08-27	51.7576299	19.4809811
2025-08-27	51.7576109	19.4810099
2025-08-27	51.7576109	19.4810099
2025-08-27	51.7576502	19.4810525
2025-08-27	51.7576502	19.4810525
2025-08-27	51.7576211	19.4809847
2025-08-27	51.7578275	19.4811829
2025-08-27	51.7576174	19.4810044
2025-08-27	51.7580494	19.4813627
2025-08-27	51.7580494	19.4813627
2025-08-27	51.7576441	19.4810154
2025-08-27	51.7576448	19.481044
2025-08-27	51.7587632	19.4800098
2025-08-27	51.7587564	19.4800166
2025-08-27	51.7587631	19.4800086
2025-08-27	51.7587633	19.4800083
2025-08-27	51.7587635	19.4800081
2025-08-27	51.7587633	19.4800083
2025-08-27	51.7587633	19.4800083
2025-08-27	51.7586369	19.4801348
2025-08-27	51.7586369	19.4801348
2025-08-27	51.7586402	19.4801411
2025-08-27	51.7586366	19.4801348
2025-08-27	51.7586369	19.4801354
2025-08-27	51.7586367	19.480135
2025-08-27	51.7586367	19.480135
2025-08-27	51.7586367	19.480135
2025-08-27	51.7572703	19.4800277
2025-08-27	51.7585486	19.4801034
2025-08-27	51.7585484	19.4801032
2025-08-27	51.7530703	19.4869268

2025-08-27	51.7540649	19.4856006
2025-08-27	51.7570483	19.4925017
2025-08-27	51.757025	19.49249
2025-08-27	51.7570483	19.4925017
2025-08-27	51.7570483	19.4925017
2025-08-27	51.7569534	19.492565
2025-08-27	51.7571899	19.4924801
2025-08-27	51.757015	19.4925667
2025-08-27	51.757015	19.4925667
2025-08-27	51.7571891	19.492481
2025-08-27	51.7571891	19.492481
2025-08-27	51.75719	19.49248
2025-08-27	51.7569717	19.4926
2025-08-27	51.7569718	19.4925999
2025-08-27	51.7569768	19.492591
2025-08-27	51.7569717	19.4926
2025-08-27	51.7570249	19.492467
2025-08-30	51.8039233	19.4402406
2025-08-30	51.8694033	21.1897417
2025-08-30	52.3179633	20.5478967
2025-08-30	51.8175967	19.4010767
2025-08-30	51.8060284	19.4469089
2025-08-30	51.8060591	19.4470892
2025-08-30	51.8070578	19.4497362
2025-08-30	51.8064014	19.4490685
2025-08-30	51.8054238	19.4476064
2025-08-30	51.8116467	19.41348
2025-08-30	51.8043967	19.4399217
2025-08-30	51.8048267	19.4398985
2025-08-30	51.8039163	19.4403409
2025-08-30	51.8039457	19.4403197
2025-08-30	51.8039883	19.4403548
2025-08-30	51.803985	19.4403868
2025-08-30	51.8039568	19.4403185
2025-08-30	51.8037343	19.4400993
2025-08-30	51.8039864	19.4403447
2025-08-30	51.803735	19.4401666
2025-08-30	51.8037433	19.4401533
2025-08-30	51.803755	19.4402739
2025-08-30	51.8038174	19.4403377
2025-08-30	51.8037674	19.4403129
2025-08-30	51.8038617	19.4403067
2025-08-30	51.8039384	19.4402074
2025-08-30	51.8039152	19.4402615

2025-08-30	51.8039236	19.4402068
2025-08-30	51.8039382	19.440228
2025-08-30	51.8039518	19.4401996
2025-08-30	51.8039742	19.4402048
2025-08-30	51.8039532	19.440235
2025-08-30	51.8039583	19.440217
2025-08-30	51.8039218	19.4401787
2025-08-30	51.8039253	19.440225
2025-08-30	51.8039202	19.4402121
2025-08-30	51.8039199	19.4402507
2025-08-30	51.8039168	19.4401975
2025-08-30	51.8039365	19.4402184
2025-08-30	51.8039333	19.4402397
2025-08-30	51.8039883	19.44022
2025-08-30	51.8039336	19.4402291
2025-08-30	51.8039301	19.440227
2025-08-30	51.8041744	19.4416777
2025-08-30	51.8040753	19.4416026
2025-08-30	51.803951	19.4415494
2025-08-30	51.8036236	19.442223
2025-08-30	51.8037586	19.4431563
2025-08-30	51.8064016	19.4490682
2025-08-30	51.8060767	19.4473078
2025-09-03	51.8344	19.4352
2025-09-03	51.84401	19.4773
2025-09-03	51.83517	19.43509
2025-09-03	51.83589	19.45581
2025-09-03	51.83589	19.45581
2025-09-04	51.73186	19.41912
2025-09-09	51.69941	19.4367
2025-09-09	51.69527	19.43713
2025-09-09	51.69574	19.43697
2025-09-09	51.69518	19.43713
2025-09-09	51.69518	19.43713
2025-09-09	51.69508	19.43716
2025-09-09	51.69499	19.43716
2025-09-09	51.6949	19.43723
2025-09-09	51.69508	19.43716
2025-09-09	51.6949	19.43723
2025-09-09	51.69482	19.43728
2025-09-09	51.695	19.43714
2025-09-09	51.695	19.43714
2025-09-09	51.69482	19.43728
2025-09-09	51.69473	19.43735

2025-09-09	51.71001	19.48151
2025-09-09	51.71001	19.48151
2025-09-15	52.20519	20.046095
2025-09-15	52.20519	20.046095
2025-09-15	52.20519	20.046095
2025-09-15	51.7307733	19.5311483
2025-09-15	51.7307869	19.5312104
2025-09-15	51.7308033	19.5311617
2025-09-15	51.7308208	19.5311836
2025-09-15	51.7308366	19.531145
2025-09-15	51.7308065	19.5310715
2025-09-15	51.7308017	19.5310683
2025-09-15	51.7308267	19.5310868
2025-09-15	51.7308079	19.5310633
2025-09-15	51.7308283	19.5311466
2025-09-15	51.7307969	19.5310667
2025-09-15	51.7308298	19.531081
2025-09-15	51.73081	19.531095
2025-09-15	51.752445	19.6296217
2025-09-15	51.7523633	19.6297267
2025-09-15	51.752555	19.6296483
2025-09-15	51.7523967	19.62967
2025-09-15	51.752555	19.6296483
2025-09-15	51.767685	19.6240633
2025-09-19	51.8310083	19.5428083
2025-09-19	51.836855	19.51794
2025-09-19	51.84568	19.52505

**Tabela 8.** Daty i miejsca rejestracji karlików drobnych *Pipistrellus pygmaeus*

DATA	LATITUDE	LONGITUDE
2025-08-17	51.77714	19.36156
2025-08-17	51.77629	19.3613
2025-08-17	51.79222	19.37244
2025-08-17	51.77657	19.36131
2025-08-19	51.7019017	19.5526317
2025-08-21	51.71506	19.4177317
2025-08-24	51.77573	19.4043
2025-08-24	51.77573	19.4043
2025-08-24	51.77945	19.40066
2025-08-24	51.77938	19.40024
2025-08-24	51.82995	19.35557
2025-08-25	51.7898135	19.4812784
2025-08-25	51.7902462	19.4825365

2025-08-25	51.7898135	19.4812784
2025-08-25	51.7833133	19.4898983
2025-08-25	51.7809801	19.4686051
2025-08-25	51.7815845	19.4702312
2025-08-25	51.7817133	19.4696133
2025-08-25	51.7888915	19.4833718
2025-08-25	51.7901923	19.4823422
2025-08-25	51.7817133	19.4696133
2025-08-25	51.7896905	19.4815857
2025-08-25	51.7900817	19.4822792
2025-08-25	51.7901757	19.4825724
2025-08-25	51.7898864	19.4815874
2025-08-25	51.7900817	19.4822792
2025-08-25	51.7898787	19.4814904
2025-08-25	51.7899313	19.4813606
2025-08-25	51.7903115	19.4829603
2025-08-27	51.8207947	19.4879616
2025-08-27	51.8228445	19.4763097
2025-08-27	51.8208128	19.4879798
2025-08-27	51.8208156	19.4879832
2025-08-27	51.8208123	19.4879889
2025-08-27	51.8208009	19.4879726
2025-08-27	51.8208123	19.4879889
2025-08-27	51.8208136	19.487986
2025-08-27	51.8208168	19.4879819
2025-08-27	51.823129	19.4733941
2025-08-27	51.8226654	19.4713326
2025-08-27	51.8232373	19.4756868
2025-08-27	51.8229561	19.4764514
2025-08-27	51.7581887	19.4752675
2025-08-27	51.7570167	19.4762433
2025-08-27	51.7570167	19.4762433
2025-08-27	51.7581887	19.4752675
2025-08-27	51.758208	19.4753384
2025-08-27	51.7581887	19.4752675
2025-08-27	51.757225	19.4762317
2025-08-27	51.753987	19.4854601
2025-08-27	51.7574217	19.4759
2025-08-27	51.7569166	19.4782226
2025-08-27	51.7537377	19.4854189
2025-08-27	51.753802	19.4855909
2025-08-27	51.7570346	19.4925078
2025-08-27	51.7572133	19.492545
2025-08-27	51.8220983	19.497405

2025-08-27	51.8221833	19.4973267
2025-08-27	51.8221467	19.4973133
2025-08-27	51.82214	19.4973133
2025-08-27	51.82214	19.4973133
2025-08-27	51.8209356	19.4918938
2025-08-27	51.8209368	19.4918955
2025-08-27	51.8208617	19.4879797
2025-08-27	51.820817	19.4879938
2025-08-27	51.8208164	19.4879876
2025-08-27	51.8208164	19.4879876
2025-08-27	51.8208166	19.4879858
2025-08-27	51.8208166	19.4879924
2025-08-27	51.8208264	19.4879488
2025-08-27	51.8208044	19.4879792
2025-08-27	51.8208162	19.4879873
2025-08-27	51.8208169	19.4879841
2025-08-27	51.8208164	19.4879912
2025-08-27	51.8208179	19.4879894
2025-08-27	51.8208009	19.4879726
2025-08-27	51.8208085	19.4879613
2025-08-27	51.8208085	19.4879613
2025-08-27	51.82203	19.488365
2025-08-27	51.82203	19.488365
2025-08-27	51.8208104	19.487988
2025-08-27	51.8208104	19.487988
2025-08-27	51.8208123	19.4879889
2025-08-27	51.8208179	19.4879894
2025-08-27	51.8208103	19.4879652
2025-08-27	51.8208164	19.4879876
2025-08-27	51.8208164	19.4879876
2025-08-27	51.8211933	19.4879917
2025-08-27	51.8208136	19.487986
2025-08-27	51.8211933	19.4879917
2025-08-27	51.8211717	19.4880633
2025-08-27	51.8207983	19.4879653
2025-08-27	51.8208123	19.4879889
2025-08-27	51.8207947	19.4879616
2025-08-27	51.8219381	19.4821628
2025-08-27	51.8231293	19.4733935
2025-08-27	51.8215349	19.4807983
2025-08-27	51.8226789	19.4713049
2025-08-27	51.8231775	19.4707645
2025-08-27	51.823172	19.4707752
2025-08-27	51.8231721	19.470775

2025-08-27	51.8234069	19.4676835
2025-08-27	51.8233208	19.4771165
2025-08-27	51.8229561	19.4764514
2025-08-27	51.8225078	19.4774046
2025-08-27	51.8227889	19.4758298
2025-08-27	51.821224	19.479572
2025-08-27	51.821224	19.479572
2025-08-30	51.816	19.4065
2025-08-30	51.8064017	19.4490682
2025-08-30	51.8045416	19.4448477
2025-08-30	51.8039883	19.4404297
2025-08-30	51.80399	19.4404381
2025-08-30	51.8045297	19.4442358
2025-08-30	51.8047969	19.4447652
2025-08-30	51.805842	19.4464403
2025-08-30	51.8064017	19.4490682
2025-08-30	51.8054238	19.4476064
2025-08-30	51.8045417	19.4448411
2025-08-30	51.8050594	19.4441687
2025-08-30	51.80894	19.4818
2025-08-30	51.8196631	19.3858753
2025-08-30	51.8169533	19.3995267
2025-08-30	51.8173283	19.39868
2025-08-30	51.817125	19.4004283
2025-08-30	51.8174583	19.3989767
2025-08-30	51.8175517	19.4011167
2025-08-30	51.81563	19.40662
2025-08-30	51.8156433	19.4066217
2025-08-30	51.81572	19.406665
2025-08-30	51.8158117	19.4065633
2025-08-30	51.8159317	19.40652
2025-08-30	51.8159167	19.40657
2025-08-30	51.8159333	19.406615
2025-08-30	51.8159133	19.406545
2025-08-30	51.8159483	19.40656
2025-08-30	51.8159533	19.406495
2025-08-30	51.8159733	19.4064783
2025-08-30	51.8159633	19.4065667
2025-08-30	51.816005	19.4065017
2025-08-30	51.8159517	19.406515
2025-08-30	51.8159917	19.406495
2025-08-30	51.8159833	19.4064767
2025-08-30	51.8159833	19.4064683
2025-08-30	51.816015	19.4064333

2025-08-30	51.816035	19.4064033
2025-08-30	51.8160083	19.4064583
2025-08-30	51.816015	19.4064767
2025-08-30	51.815985	19.40644
2025-08-30	51.8160083	19.4064483
2025-08-30	51.81599	19.4064467
2025-08-30	51.8159517	19.4064717
2025-08-30	51.8159733	19.4064533
2025-08-30	51.8159633	19.4064783
2025-08-30	51.8159867	19.4064583
2025-08-30	51.8160283	19.4064417
2025-08-30	51.8160117	19.4064767
2025-08-30	51.815985	19.4064133
2025-08-30	51.8160267	19.4064467
2025-08-30	51.8160217	19.4065067
2025-08-30	51.816005	19.4064883
2025-08-30	51.81596	19.406495
2025-08-30	51.8159683	19.4064767
2025-08-30	51.8160067	19.406465
2025-08-30	51.816055	19.4064333
2025-08-30	51.8160467	19.4064617
2025-08-30	51.8159883	19.406435
2025-08-30	51.8160267	19.4064283
2025-08-30	51.8160067	19.4064617
2025-08-30	51.8160283	19.4064983
2025-08-30	51.8160183	19.4064967
2025-08-30	51.815975	19.4064867
2025-08-30	51.8159417	19.4065533
2025-08-30	51.8159933	19.4064783
2025-08-30	51.8159383	19.40653
2025-08-30	51.8160167	19.406465
2025-08-30	51.816005	19.406455
2025-08-30	51.8160467	19.4065
2025-08-30	51.806074	19.4286462
2025-08-30	51.8033475	19.4396652
2025-08-30	51.8034995	19.4393015
2025-08-30	51.8040007	19.4402957
2025-08-30	51.8045904	19.4444024
2025-08-30	51.8044339	19.4415636
2025-08-30	51.8047003	19.444673
2025-08-30	51.8078717	19.461125
2025-09-03	51.84462	19.47823
2025-09-03	51.83612	19.45654
2025-09-03	51.83589	19.45581

2025-09-03	51.83589	19.45581
2025-09-03	51.84426	19.47716
2025-09-03	51.84417	19.4772
2025-09-03	51.84408	19.47717
2025-09-03	51.84408	19.47717
2025-09-03	51.84408	19.47717
2025-09-03	51.84418	19.47676
2025-09-03	51.84403	19.47715
2025-09-03	51.84398	19.47718
2025-09-03	51.8442	19.47659
2025-09-03	51.84418	19.47537
2025-09-03	51.84426	19.47491
2025-09-03	51.84414	19.47219
2025-09-03	51.8443	19.47475
2025-09-03	51.84423	19.47221
2025-09-03	51.84411	19.47717
2025-09-03	51.85814	19.50502
2025-09-09	51.69941	19.4367
2025-09-09	51.69953	19.43663
2025-09-09	51.69953	19.43663
2025-09-09	51.69941	19.4367
2025-09-09	51.69941	19.4367
2025-09-09	51.69941	19.4367
2025-09-09	51.69941	19.4367
2025-09-09	51.69941	19.4367
2025-09-09	51.69563	19.43722
2025-09-09	51.69545	19.43714
2025-09-15	51.7522533	19.62992
2025-09-15	51.7523633	19.629675
2025-09-15	51.73078	19.5312232
2025-09-15	51.73085	19.543165
2025-09-15	52.20519	20.046095
2025-09-15	52.20519	20.046095
2025-09-15	51.7523783	19.62966
2025-09-15	51.752445	19.6296217
2025-09-15	51.7523783	19.62966
2025-09-15	51.7523633	19.6297267
2025-09-15	51.7523917	19.6297283
2025-09-15	51.7523983	19.6297133
2025-09-15	51.7524217	19.6296333
2025-09-15	51.752395	19.6296767
2025-09-15	51.752395	19.6296767
2025-09-15	51.75242	19.6296817
2025-09-15	51.7524	19.6296933

2025-09-15	51.7524	19.6296933
2025-09-15	51.7524	19.62969
2025-09-15	51.7524	19.62969
2025-09-15	51.752395	19.6296767
2025-09-15	51.752395	19.6296767
2025-09-15	51.7523783	19.6296717
2025-09-15	51.7523633	19.629675
2025-09-15	51.7523633	19.629675
2025-09-15	52.20519	20.046095
2025-09-15	51.7524767	19.6297517
2025-09-15	51.7524767	19.6297517
2025-09-15	51.7524767	19.6297517
2025-09-15	51.75249	19.6297067
2025-09-15	51.75249	19.6297067
2025-09-15	51.7525133	19.629685
2025-09-15	51.7525133	19.629685
2025-09-15	51.7525133	19.629685
2025-09-15	51.7525133	19.629685
2025-09-15	51.75237	19.62983
2025-09-15	51.75237	19.62983
2025-09-15	51.75237	19.62983
2025-09-15	51.7523033	19.6298883
2025-09-15	51.7523033	19.6298883
2025-09-15	51.7523033	19.6298883
2025-09-15	51.75227	19.6299017
2025-09-15	51.75227	19.6299017
2025-09-15	51.75227	19.6299017
2025-09-15	51.75227	19.6299017
2025-09-19	51.8185608	19.5178198
2025-09-19	51.8186035	19.517855
2025-09-19	51.8185252	19.517918
2025-09-19	51.8185034	19.5179121
2025-09-19	51.818497	19.5179018
2025-09-19	51.8385783	19.5386117
2025-09-19	51.81855	19.517855
2025-09-19	51.8368683	19.517975
2025-09-19	51.83687	19.5179883
2025-09-19	51.8368267	19.517845
2025-09-19	51.8368233	19.51784
2025-09-19	51.8367967	19.517855
2025-09-19	51.8368233	19.517805

**Tabela 9.** Daty i miejsca rejestracji mroczaków posrebrzanych *Vespertilio murinus*

DATE	LATITUDE	LONGITUDE
2025-08-17	51.76953	19.36541
2025-08-19	51.6987833	19.5525383
2025-08-24	51.77573	19.4043
2025-08-24	51.77945	19.40066
2025-08-24	51.77945	19.40066
2025-08-24	51.77945	19.40066
2025-08-24	51.77945	19.40066
2025-08-24	51.77945	19.40066
2025-08-24	51.77941	19.40038
2025-08-24	51.77938	19.40024
2025-08-24	51.77941	19.40038
2025-08-25	51.7810375	19.4686204
2025-08-25	51.783645	19.47148
2025-08-27	51.8234331	19.4744137
2025-08-30	52.3179633	20.5478967
2025-08-30	51.8175651	19.4011001
2025-09-03	51.8357	19.43598
2025-09-03	51.85822	19.50496
2025-09-03	51.83503	19.43486
2025-09-03	51.85677	19.50609
2025-09-09	51.69941	19.4367
2025-09-19	51.84563	19.5250567

**Tabela 10.** Daty i miejsca rejestracji nocków rudych *Myotis daubentonii*

DATA	LATITUDE	LONGITUDE
2025-08-27	51.7567667	19.49272
2025-08-27	51.75705	19.492565
2025-08-27	51.7570883	19.4926467
2025-08-27	51.7570151	19.4925666
2025-08-27	51.757015	19.4925667
2025-08-30	51.816885	19.4009483
2025-08-30	51.85908	19.39522
2025-08-30	51.7829967	21.0975917
2025-08-30	51.8175783	19.4010168
2025-08-30	51.8694033	21.1897417
2025-08-30	51.81752	19.4010633
2025-09-09	51.69565	19.43705
2025-09-09	51.69565	19.43705
2025-09-09	51.69565	19.43705
2025-09-09	51.69556	19.43707
2025-09-09	51.69565	19.43705

2025-09-09	51.69547	19.43706
2025-09-09	51.71011	19.48082
2025-09-09	51.71002	19.48078
2025-09-09	51.71011	19.48082
2025-09-09	51.71011	19.48082
2025-09-09	51.71002	19.48167
2025-09-09	51.71002	19.48167
2025-09-09	51.71002	19.48167
2025-09-09	51.7101	19.48162
2025-09-09	51.7101	19.48162
2025-09-09	51.7101	19.48162
2025-09-09	51.70996	19.48248
2025-09-09	51.7101	19.48162
2025-09-09	51.70996	19.48248
2025-09-09	51.70996	19.48232
2025-09-09	51.70998	19.48218
2025-09-09	51.71001	19.48203
2025-09-09	51.71006	19.4819
2025-09-09	51.71004	19.48146
2025-09-09	51.71005	19.48161
2025-09-09	51.71003	19.48131

**Tabela 11.** Daty i miejsca rejestracji nieoznaczonych do gatunku nocków *Myotis* sp.

DATA	LATITUDE	LONGITUDE
2025-08-19	51.7032933	19.5567967
2025-08-24	51.76194	19.39306
2025-08-24	51.76191	19.39292
2025-08-24	51.77186	19.39075
2025-08-27	51.7537522	19.4854133
2025-08-27	51.7528656	19.4854083
2025-08-27	51.757065	19.4925217
2025-08-27	51.7568417	19.4924683
2025-08-27	51.7570483	19.4925017
2025-08-27	51.822125	19.49727
2025-08-27	51.822125	19.49727
2025-08-27	51.821182	19.4794919
2025-08-27	51.8233961	19.4772227
2025-08-30	51.8173	19.4010133
2025-08-30	51.8175967	19.4010767
2025-08-30	51.8175651	19.4011001
2025-08-30	51.8175783	19.4010168
2025-08-30	51.8054163	19.4298892
2025-08-30	51.8059157	19.4289511

2025-08-30	51.8036283	19.4373248
2025-08-30	51.8036483	19.4372067
2025-09-03	51.84408	19.47717
2025-09-09	51.69941	19.4367
2025-09-09	51.69565	19.43705
2025-09-09	51.69563	19.43722
2025-09-09	51.70998	19.48218
2025-09-09	51.71006	19.4819
2025-09-09	51.71005	19.48176
2025-09-09	51.71002	19.48116
2025-09-09	51.69565	19.43705
2025-09-09	51.69563	19.43722

**Tabela 12.** Daty i miejsca rejestracji nieoznaczonych do gatunku gacków *Plecotus* sp.

DATA	LATITUDE	LONGITUDE
2025-08-27	51.8211711	19.4926126
2025-08-27	51.8208156	19.4879832
2025-08-27	51.8211717	19.4880633