

**Supplementary Material** Table S1. Coordinates used to develop the model of the occurrence of *Gnathotrichus materiarius*.

Number	Country	Data source	Latitude	Longitude
1	U.S.A.	Atkinson 2018	27.9472	-82.4586
2	U.S.A.	Atkinson 2018	28.5997	-81.3394
3	U.S.A.	Atkinson 2018	28.7157	-81.4775
4	U.S.A.	Atkinson 2018	29.3081	-81.2706
5	U.S.A.	Atkinson 2018	29.3911	-81.6389
6	U.S.A.	Atkinson 2018	29.5051	-82.2749
7	U.S.A.	Atkinson 2018	29.5053	-82.2747
8	U.S.A.	Atkinson 2018	29.6407	-82.3588
9	U.S.A.	Atkinson 2018	29.6407	-82.3588
10	U.S.A.	Atkinson 2018	29.6829	-82.2968
11	U.S.A.	Atkinson 2018	29.6838	-82.2982
12	U.S.A.	Atkinson 2018	29.72	-82.46
13	U.S.A.	Atkinson 2018	29.866443	-95.155834
14	U.S.A.	Atkinson 2018	30.115036	-94.01513
15	U.S.A.	Atkinson 2018	30.1744	-85.6711
16	U.S.A.	Atkinson 2018	30.22549	-95.486386
17	U.S.A.	Atkinson 2018	30.2266	-93.2174
18	U.S.A.	Atkinson 2018	30.3450603794	-90.0842698191
19	U.S.A.	Atkinson 2018	30.3705	-81.4847
20	U.S.A.	Atkinson 2018	30.4	-81.7542
21	U.S.A.	Atkinson 2018	30.4221	-81.5046
22	U.S.A.	Atkinson 2018	30.496	-89.6671
23	U.S.A.	Atkinson 2018	30.524	-90.4239
24	U.S.A.	Atkinson 2018	30.5461	-90.4847
25	U.S.A.	Atkinson 2018	30.582	-86.526
26	U.S.A.	Atkinson 2018	30.613809	-94.408776
27	U.S.A.	Atkinson 2018	30.65414	-93.899124
28	U.S.A.	Atkinson 2018	30.65794	-93.888527
29	U.S.A.	Atkinson 2018	30.681979	-87.893114
30	U.S.A.	Atkinson 2018	30.69231	-94.938484
31	U.S.A.	Atkinson 2018	30.770843	-94.421089
32	U.S.A.	Atkinson 2018	30.821384	-95.245678
33	U.S.A.	Atkinson 2018	30.8683	-90.0031
34	U.S.A.	Atkinson 2018	30.911912	-94.010883
35	U.S.A.	Atkinson 2018	30.9743	-88.528
36	U.S.A.	Atkinson 2018	30.990374	-94.835389
37	U.S.A.	Atkinson 2018	31.0306	-92.5397

38	U.S.A.	Atkinson 2018	31.0535	-92.529
39	U.S.A.	Atkinson 2018	31.0893	-92.4521
40	U.S.A.	Atkinson 2018	31.1435	-93.261
41	U.S.A.	Atkinson 2018	31.1466	-92.4974
42	U.S.A.	Atkinson 2018	31.183936	-94.855005
43	U.S.A.	Atkinson 2018	31.245194	-93.961275
44	U.S.A.	Atkinson 2018	31.342879	-93.956345
45	U.S.A.	Atkinson 2018	31.343999	-94.742161
46	U.S.A.	Atkinson 2018	31.39667	-93.765054
47	U.S.A.	Atkinson 2018	31.43986	-94.843548
48	U.S.A.	Atkinson 2018	31.4764	-93.0296
49	U.S.A.	Atkinson 2018	31.5697	-91.42
50	U.S.A.	Atkinson 2018	31.6093	-90.2227
51	U.S.A.	Atkinson 2018	31.9575	-91.1995
52	U.S.A.	Atkinson 2018	32.0965	-81.1222
53	U.S.A.	Atkinson 2018	32.1526	-81.1764
54	U.S.A.	Atkinson 2018	32.153	-81.2178
55	U.S.A.	Atkinson 2018	32.161	-81.2057
56	U.S.A.	Atkinson 2018	32.1612	-81.2051
57	U.S.A.	Atkinson 2018	32.1746	-81.2001
58	U.S.A.	Atkinson 2018	32.2443	-90.9254
59	U.S.A.	Atkinson 2018	32.3502	-90.7002
60	U.S.A.	Atkinson 2018	32.358	-90.2094
61	U.S.A.	Atkinson 2018	32.475581	-95.295174
62	U.S.A.	Atkinson 2018	32.53576	-94.865703
63	U.S.A.	Atkinson 2018	32.5416	-93.8473
64	U.S.A.	Atkinson 2018	32.8412	-79.872
65	U.S.A.	Atkinson 2018	32.9096	-79.9051
66	U.S.A.	Atkinson 2018	32.9098	-79.9051
67	U.S.A.	Atkinson 2018	33.177614	-87.235517
68	U.S.A.	Atkinson 2018	33.278091	-86.807231
69	U.S.A.	Atkinson 2018	33.3578	-81.2708
70	U.S.A.	Atkinson 2018	33.4595	-80.7353
71	U.S.A.	Atkinson 2018	33.566117	-81.720705
72	U.S.A.	Atkinson 2018	33.6091	-84.388
73	U.S.A.	Atkinson 2018	33.6421	-84.5013
74	U.S.A.	Atkinson 2018	33.7076	-84.1273
75	U.S.A.	Atkinson 2018	33.7489	-83.4252
76	U.S.A.	Atkinson 2018	33.7659	-83.3345
77	U.S.A.	Atkinson 2018	33.7715	-84.2264
78	U.S.A.	Atkinson 2018	33.7716	-84.5984

79	U.S.A.	Atkinson 2018	33.8126	-83.4594
80	U.S.A.	Atkinson 2018	33.8528	-83.5208
81	U.S.A.	Atkinson 2018	33.8532	-83.5212
82	U.S.A.	Atkinson 2018	33.9042	-83.2443
83	U.S.A.	Atkinson 2018	33.9061	-83.2443
84	U.S.A.	Atkinson 2018	33.9228	-83.5618
85	U.S.A.	Atkinson 2018	33.9337	-81.1067
86	U.S.A.	Atkinson 2018	33.9397	-81.0899
87	U.S.A.	Atkinson 2018	34.001	-83.384
88	U.S.A.	Atkinson 2018	34.0018	-85.1881
89	U.S.A.	Atkinson 2018	34.107127	-93.043633
90	U.S.A.	Atkinson 2018	34.1143	-80.8947
91	U.S.A.	Atkinson 2018	34.1239	-83.3108
92	U.S.A.	Atkinson 2018	34.1339	-83.5664
93	U.S.A.	Atkinson 2018	34.1489	-83.6602
94	U.S.A.	Atkinson 2018	34.1783	-77.9498
95	U.S.A.	Atkinson 2018	34.2039	-83.4572
96	U.S.A.	Atkinson 2018	34.3325	-82.9275
97	U.S.A.	Atkinson 2018	34.5084	-77.5051
98	U.S.A.	Atkinson 2018	34.6833	-82.8375
99	U.S.A.	Atkinson 2018	34.708772	-92.313014
100	U.S.A.	Atkinson 2018	34.7319	-83.9172
101	U.S.A.	Atkinson 2018	34.7402	-82.4309
102	U.S.A.	Atkinson 2018	34.7828	-84.7092
103	U.S.A.	Atkinson 2018	34.7969	-80.4161
104	U.S.A.	Atkinson 2018	34.827939	-87.295215
105	U.S.A.	Atkinson 2018	34.856	-83.785
106	U.S.A.	Atkinson 2018	34.8817	-83.4024
107	U.S.A.	Atkinson 2018	34.9101	-80.9884
108	U.S.A.	Atkinson 2018	34.9601	-95.08
109	U.S.A.	Atkinson 2018	34.9888	-89.9425
110	U.S.A.	Atkinson 2018	35.2204	-77.1196
111	U.S.A.	Atkinson 2018	35.2359	-80.9273
112	U.S.A.	Atkinson 2018	35.26	-78.0299
113	U.S.A.	Atkinson 2018	35.3281	-77.6064
114	U.S.A.	Atkinson 2018	35.4159	-82.5624
115	U.S.A.	Atkinson 2018	35.4163	-82.562
116	U.S.A.	Atkinson 2018	35.866	-78.8137
117	U.S.A.	Atkinson 2018	35.8968	-78.7578
118	U.S.A.	Atkinson 2018	36.1043	-79.966
119	U.S.A.	Atkinson 2018	36.57828	-79.859822

120	U.S.A.	Atkinson 2018	36.643071	-80.147775
121	U.S.A.	Atkinson 2018	36.8656	-87.4886
122	U.S.A.	Atkinson 2018	36.9903	-86.4436
123	U.S.A.	Atkinson 2018	37.0334	-88.35
124	U.S.A.	Atkinson 2018	37.0439	-94.6364
125	U.S.A.	Atkinson 2018	37.1454	-84.1698
126	U.S.A.	Atkinson 2018	37.198638	-76.553061
127	U.S.A.	Atkinson 2018	37.2431	-93.1521
128	U.S.A.	Atkinson 2018	37.251555	-79.929922
129	U.S.A.	Atkinson 2018	37.7832	-94.8246
130	U.S.A.	Atkinson 2018	37.79810	-95.84530
131	U.S.A.	Atkinson 2018	37.8229	-92.1162
132	U.S.A.	Atkinson 2018	37.981	-85.6774
133	U.S.A.	Atkinson 2018	37.9889	-84.4177
134	U.S.A.	Atkinson 2018	38.0406	-84.5037
135	U.S.A.	Atkinson 2018	38.0766	-85.7597
136	U.S.A.	Atkinson 2018	38.1051	-85.7589
137	U.S.A.	Atkinson 2018	38.110818	-78.986088
138	U.S.A.	Atkinson 2018	38.1412	-85.6877
139	U.S.A.	Atkinson 2018	38.1948	-83.5424
140	U.S.A.	Atkinson 2018	38.4749	-85.8713
141	U.S.A.	Atkinson 2018	38.488733	-79.797127
142	U.S.A.	Atkinson 2018	38.5478	-90.4142
143	U.S.A.	Atkinson 2018	38.5633	-85.7945
144	U.S.A.	Atkinson 2018	38.5664	-90.6697
145	U.S.A.	Atkinson 2018	38.65278	-78.677741
146	U.S.A.	Atkinson 2018	38.733	-75.4009
147	U.S.A.	Atkinson 2018	38.7468	-75.1595
148	U.S.A.	Atkinson 2018	38.7529	-92.1994
149	U.S.A.	Atkinson 2018	38.7597	-92.2017
150	U.S.A.	Atkinson 2018	38.7645	-91.3913
151	U.S.A.	Atkinson 2018	38.7866	-76.2317
152	U.S.A.	Atkinson 2018	38.8753	-76.7296
153	U.S.A.	Atkinson 2018	38.8901	-93.5304
154	U.S.A.	Atkinson 2018	38.916	-86.0439
155	U.S.A.	Atkinson 2018	38.931	-76.987
156	U.S.A.	Atkinson 2018	38.9457	-75.9397
157	U.S.A.	Atkinson 2018	38.9729	-92.3575
158	U.S.A.	Atkinson 2018	39.0265	-84.6911
159	U.S.A.	Atkinson 2018	39.0465	-94.2813
160	U.S.A.	Atkinson 2018	39.060844	-81.387146

161	U.S.A.	Atkinson 2018	39.0642	-76.8844
162	U.S.A.	Atkinson 2018	39.065034	-79.101353
163	U.S.A.	Atkinson 2018	39.1159	-94.5534
164	U.S.A.	Atkinson 2018	39.1442	-91.88
165	U.S.A.	Atkinson 2018	39.1693	-75.4482
166	U.S.A.	Atkinson 2018	39.1814	-75.549
167	U.S.A.	Atkinson 2018	39.1856	-86.3179
168	U.S.A.	Atkinson 2018	39.1858	-86.3178
169	U.S.A.	Atkinson 2018	39.2341	-76.6859
170	U.S.A.	Atkinson 2018	39.2667	-76.5357
171	U.S.A.	Atkinson 2018	39.2912	-77.3159
172	U.S.A.	Atkinson 2018	39.3461	-77.5058
173	U.S.A.	Atkinson 2018	39.3462	-76.6498
174	U.S.A.	Atkinson 2018	39.3464	-76.6498
175	U.S.A.	Atkinson 2018	39.3577	-81.5395
176	U.S.A.	Atkinson 2018	39.3693	-74.9424
177	U.S.A.	Atkinson 2018	39.373126	-78.522721
178	U.S.A.	Atkinson 2018	39.442	-75.1756
179	U.S.A.	Atkinson 2018	39.4501	-75.1211
180	U.S.A.	Atkinson 2018	39.469	-77.3889
181	U.S.A.	Atkinson 2018	39.5482	-79.1441
182	U.S.A.	Atkinson 2018	39.656731	-79.985388
183	U.S.A.	Atkinson 2018	39.6642	-79.3903
184	U.S.A.	Atkinson 2018	39.6699	-75.7787
185	U.S.A.	Atkinson 2018	39.6741	-75.6463
186	U.S.A.	Atkinson 2018	39.6774	-81.8833
187	U.S.A.	Atkinson 2018	39.7103	-78.4858
188	U.S.A.	Atkinson 2018	39.7281	-82.6193
189	U.S.A.	Atkinson 2018	39.7283	-82.6211
190	U.S.A.	Atkinson 2018	39.741	-82.5811
191	U.S.A.	Atkinson 2018	39.7975	-76.8855
192	U.S.A.	Atkinson 2018	39.8987	-84.1805
193	U.S.A.	Atkinson 2018	39.9552	-85.3556
194	U.S.A.	Atkinson 2018	39.9671	-82.9516
195	U.S.A.	Atkinson 2018	39.9698	-75.4456
196	U.S.A.	Atkinson 2018	39.9915	-77.9642
197	U.S.A.	Atkinson 2018	39.9946	-77.6698
198	U.S.A.	Atkinson 2018	39.9947	-77.6706
199	U.S.A.	Atkinson 2018	40.01	-74.57
200	U.S.A.	Atkinson 2018	40.0302	-76.7053
201	U.S.A.	Atkinson 2018	40.0405	-78.6316

202	U.S.A.	Atkinson 2018	40.0442	-78.1329
203	U.S.A.	Atkinson 2018	40.050454	-80.624079
204	U.S.A.	Atkinson 2018	40.0508	-78.1139
205	U.S.A.	Atkinson 2018	40.0965	-85.6178
206	U.S.A.	Atkinson 2018	40.0985	-85.6172
207	U.S.A.	Atkinson 2018	40.134	-74.962
208	U.S.A.	Atkinson 2018	40.1949	-75.4063
209	U.S.A.	Atkinson 2018	40.227	-74.3689
210	U.S.A.	Atkinson 2018	40.227	-74.369
211	U.S.A.	Atkinson 2018	40.229	-77.1116
212	U.S.A.	Atkinson 2018	40.2425	-76.4624
213	U.S.A.	Atkinson 2018	40.2983	-77.5956
214	U.S.A.	Atkinson 2018	40.2984	-77.5958
215	U.S.A.	Atkinson 2018	40.3027	-75.1038
216	U.S.A.	Atkinson 2018	40.3255	-76.8912
217	U.S.A.	Atkinson 2018	40.3911	-74.6684
218	U.S.A.	Atkinson 2018	40.4237	-76.5898
219	U.S.A.	Atkinson 2018	40.47	-74.42
220	U.S.A.	Atkinson 2018	40.472	-74.425
221	U.S.A.	Atkinson 2018	40.53	-74.63
222	U.S.A.	Atkinson 2018	40.53476	-80.582052
223	U.S.A.	Atkinson 2018	40.549	-74.638
224	U.S.A.	Atkinson 2018	40.55	-74.95
225	U.S.A.	Atkinson 2018	40.5618	-74.9624
226	U.S.A.	Atkinson 2018	40.562	-74.962
227	U.S.A.	Atkinson 2018	40.739	-76.308
228	U.S.A.	Atkinson 2018	40.7544	-82.3619
229	U.S.A.	Atkinson 2018	40.7704	-77.6552
230	U.S.A.	Atkinson 2018	40.7741	-79.3696
231	U.S.A.	Atkinson 2018	40.7741	-79.5864
232	U.S.A.	Atkinson 2018	40.7757	-77.5937
233	U.S.A.	Atkinson 2018	40.7758	-77.5944
234	U.S.A.	Atkinson 2018	40.7815	-81.9161
235	U.S.A.	Atkinson 2018	40.8298	-77.223
236	U.S.A.	Atkinson 2018	40.879	-82.296
237	U.S.A.	Atkinson 2018	40.901	-73.8934
238	U.S.A.	Atkinson 2018	40.9033	-78.0837
239	U.S.A.	Atkinson 2018	40.9042	-78.0836
240	U.S.A.	Atkinson 2018	40.9045	-78.0834
241	U.S.A.	Atkinson 2018	40.9837	-95.8784
242	U.S.A.	Atkinson 2018	40.9894	-77.3051

243	U.S.A.	Atkinson 2018	40.9896	-77.3051
244	U.S.A.	Atkinson 2018	41.0255	-83.6662
245	U.S.A.	Atkinson 2018	41.0257	-83.6659
246	U.S.A.	Atkinson 2018	41.0694	-81.7363
247	U.S.A.	Atkinson 2018	41.0756	-85.2034
248	U.S.A.	Atkinson 2018	41.111	-73.8669
249	U.S.A.	Atkinson 2018	41.12	-87.8612
250	U.S.A.	Atkinson 2018	41.1216	-78.5301
251	U.S.A.	Atkinson 2018	41.1248	-74.7482
252	U.S.A.	Atkinson 2018	41.1254	-74.75
253	U.S.A.	Atkinson 2018	41.1314	-80.7042
254	U.S.A.	Atkinson 2018	41.137617	-104.800489
255	U.S.A.	Atkinson 2018	41.2112	-96.3491
256	U.S.A.	Atkinson 2018	41.2116	-81.6671
257	U.S.A.	Atkinson 2018	41.2342	-81.5264
258	U.S.A.	Atkinson 2018	41.2353	-79.3696
259	U.S.A.	Atkinson 2018	41.2539	-76.9284
260	U.S.A.	Atkinson 2018	41.2558	-73.6019
261	U.S.A.	Atkinson 2018	41.3411	-75.8829
262	U.S.A.	Atkinson 2018	41.3533	-72.9142
263	U.S.A.	Atkinson 2018	41.3603	-76.2982
264	U.S.A.	Atkinson 2018	41.3794	-74.6233
265	U.S.A.	Atkinson 2018	41.4028	-86.3008
266	U.S.A.	Atkinson 2018	41.4058	-70.6008
267	U.S.A.	Atkinson 2018	41.4206	-85.0034
268	U.S.A.	Atkinson 2018	41.4341	-85.4484
269	U.S.A.	Atkinson 2018	41.4755	-81.3412
270	U.S.A.	Atkinson 2018	41.4793	-72.2836
271	U.S.A.	Atkinson 2018	41.4851	-74.1316
272	U.S.A.	Atkinson 2018	41.488	-77.5592
273	U.S.A.	Atkinson 2018	41.4889	-77.5591
274	U.S.A.	Atkinson 2018	41.5118	-71.6905
275	U.S.A.	Atkinson 2018	41.5357	-88.0521
276	U.S.A.	Atkinson 2018	41.5455	-73.9473
277	U.S.A.	Atkinson 2018	41.5647	-71.5329
278	U.S.A.	Atkinson 2018	41.5648	-71.5329
279	U.S.A.	Atkinson 2018	41.5735	-87.7847
280	U.S.A.	Atkinson 2018	41.6014	-77.8087
281	U.S.A.	Atkinson 2018	41.6049	-71.473
282	U.S.A.	Atkinson 2018	41.6736	-88.0017
283	U.S.A.	Atkinson 2018	41.6849	-70.2859

284	U.S.A.	Atkinson 2018	41.6913	-71.6938
285	U.S.A.	Atkinson 2018	41.7012	-85.0075
286	U.S.A.	Atkinson 2018	41.7528	-74.3409
287	U.S.A.	Atkinson 2018	41.7848	-70.9671
288	U.S.A.	Atkinson 2018	41.8011	-88.0748
289	U.S.A.	Atkinson 2018	41.8078	-78.3671
290	U.S.A.	Atkinson 2018	41.8128	-78.3684
291	U.S.A.	Atkinson 2018	41.8178	-88.1734
292	U.S.A.	Atkinson 2018	41.8186	-81.0386
293	U.S.A.	Atkinson 2018	41.8237	-81.051
294	U.S.A.	Atkinson 2018	41.8378	-88.2125
295	U.S.A.	Atkinson 2018	41.8463	-88.3095
296	U.S.A.	Atkinson 2018	41.8488	-71.7299
297	U.S.A.	Atkinson 2018	41.8606	-72.6863
298	U.S.A.	Atkinson 2018	41.91	-83.5733
299	U.S.A.	Atkinson 2018	41.913	-85.793
300	U.S.A.	Atkinson 2018	41.933344	-73.005974
301	U.S.A.	Atkinson 2018	41.9453	-71.1214
302	U.S.A.	Atkinson 2018	41.9845	-71.6214
303	U.S.A.	Atkinson 2018	42.012	-75.7409
304	U.S.A.	Atkinson 2018	42.012	-75.741
305	U.S.A.	Atkinson 2018	42.0607	-71.2885
306	U.S.A.	Atkinson 2018	42.0634	-71.2878
307	U.S.A.	Atkinson 2018	42.0644	-72.4443
308	U.S.A.	Atkinson 2018	42.0701	-72.1014
309	U.S.A.	Atkinson 2018	42.0883	-88.1953
310	U.S.A.	Atkinson 2018	42.0893	-72.6718
311	U.S.A.	Atkinson 2018	42.1069	-72.6208
312	U.S.A.	Atkinson 2018	42.1091	-73.3852
313	U.S.A.	Atkinson 2018	42.1312	-71.2531
314	U.S.A.	Atkinson 2018	42.1364	-78.6355
315	U.S.A.	Atkinson 2018	42.1371	-77.156
316	U.S.A.	Atkinson 2018	42.1703	-80.0887
317	U.S.A.	Atkinson 2018	42.1705	-80.0893
318	U.S.A.	Atkinson 2018	42.1706	-83.145
319	U.S.A.	Atkinson 2018	42.1822	-85.6344
320	U.S.A.	Atkinson 2018	42.1839	-73.262
321	U.S.A.	Atkinson 2018	42.1862	-72.6538
322	U.S.A.	Atkinson 2018	42.1962	-73.2549
323	U.S.A.	Atkinson 2018	42.197	-74.05
324	U.S.A.	Atkinson 2018	42.2017	-74.0451



325	U.S.A.	Atkinson 2018	42.2033	-79.1841
326	U.S.A.	Atkinson 2018	42.2127	-75.8289
327	U.S.A.	Atkinson 2018	42.2142	-75.8346
328	U.S.A.	Atkinson 2018	42.2259	-84.4013
329	U.S.A.	Atkinson 2018	42.2428	-75.3775
330	U.S.A.	Atkinson 2018	42.2534	-71.3711
331	U.S.A.	Atkinson 2018	42.255	-87.9267
332	U.S.A.	Atkinson 2018	42.2622	-78.9577
333	U.S.A.	Atkinson 2018	42.2845	-72.5326
334	U.S.A.	Atkinson 2018	42.2937	-76.0874
335	U.S.A.	Atkinson 2018	42.3006	-71.2127
336	U.S.A.	Atkinson 2018	42.3041	-71.478
337	U.S.A.	Atkinson 2018	42.349	-73.0283
338	U.S.A.	Atkinson 2018	42.3517	-71.7615
339	U.S.A.	Atkinson 2018	42.4062	-71.2717
340	U.S.A.	Atkinson 2018	42.4626	-73.1886
341	U.S.A.	Atkinson 2018	42.4953	-71.8272
342	U.S.A.	Atkinson 2018	42.4958	-71.0203
343	U.S.A.	Atkinson 2018	42.5008	-71.7032
344	U.S.A.	Atkinson 2018	42.5045	-83.8509
345	U.S.A.	Atkinson 2018	42.5081	-84.8511
346	U.S.A.	Atkinson 2018	42.5083	-83.8513
347	U.S.A.	Atkinson 2018	42.5145	-73.3398
348	U.S.A.	Atkinson 2018	42.5157	-71.1514
349	U.S.A.	Atkinson 2018	42.5163	-76.5861
350	U.S.A.	Atkinson 2018	42.5173	-71.2312
351	U.S.A.	Atkinson 2018	42.5494	-71.1314
352	U.S.A.	Atkinson 2018	42.5702	-83.5529
353	U.S.A.	Atkinson 2018	42.5703	-84.5528
354	U.S.A.	Atkinson 2018	42.5784	-72.5126
355	U.S.A.	Atkinson 2018	42.5939	-71.032
356	U.S.A.	Atkinson 2018	42.599144	-87.838075
357	U.S.A.	Atkinson 2018	42.609	-73.8958
358	U.S.A.	Atkinson 2018	42.6133	-73.8928
359	U.S.A.	Atkinson 2018	42.6168	-83.9281
360	U.S.A.	Atkinson 2018	42.6169	-84.9281
361	U.S.A.	Atkinson 2018	42.6251	-73.0359
362	U.S.A.	Atkinson 2018	42.6333	-71.3167
363	U.S.A.	Atkinson 2018	42.6524	-73.4158
364	U.S.A.	Atkinson 2018	42.6699	-77.8418
365	U.S.A.	Atkinson 2018	42.6813	-75.5135

366	U.S.A.	Atkinson 2018	42.7153	-83.0786
367	U.S.A.	Atkinson 2018	42.7156	-84.5222
368	U.S.A.	Atkinson 2018	42.7185	-72.5679
369	U.S.A.	Atkinson 2018	42.7188	-73.8753
370	U.S.A.	Atkinson 2018	42.7377	-83.0644
371	U.S.A.	Atkinson 2018	42.7421	-84.4871
372	U.S.A.	Atkinson 2018	42.7533	-84.7464
373	U.S.A.	Atkinson 2018	42.7662	-71.1141
374	U.S.A.	Atkinson 2018	42.7725	-73.4592
375	U.S.A.	Atkinson 2018	42.7729	-73.4585
376	U.S.A.	Atkinson 2018	42.7859	-73.9985
377	U.S.A.	Atkinson 2018	42.817	-78.1571
378	U.S.A.	Atkinson 2018	42.8196	-78.1387
379	U.S.A.	Atkinson 2018	42.8505	-100.511
380	U.S.A.	Atkinson 2018	42.85802	-72.572382
381	U.S.A.	Atkinson 2018	42.8689	-76.9781
382	U.S.A.	Atkinson 2018	42.8894	-78.7181
383	U.S.A.	Atkinson 2018	42.9087	-78.4242
384	U.S.A.	Atkinson 2018	42.914955	-87.849083
385	U.S.A.	Atkinson 2018	42.9297	-78.5933
386	U.S.A.	Atkinson 2018	42.961	-85.309
387	U.S.A.	Atkinson 2018	43.0309	-71.1573
388	U.S.A.	Atkinson 2018	43.0356	-85.4908
389	U.S.A.	Atkinson 2018	43.0358	-85.4909
390	U.S.A.	Atkinson 2018	43.0415	-73.8255
391	U.S.A.	Atkinson 2018	43.0522	-75.9696
392	U.S.A.	Atkinson 2018	43.074	-75.2453
393	U.S.A.	Atkinson 2018	43.0912	-70.7813
394	U.S.A.	Atkinson 2018	43.1006	-83.5558
395	U.S.A.	Atkinson 2018	43.1006	-83.5581
396	U.S.A.	Atkinson 2018	43.1116	-74.7774
397	U.S.A.	Atkinson 2018	43.1547	-76.0553
398	U.S.A.	Atkinson 2018	43.1849	-78.9267
399	U.S.A.	Atkinson 2018	43.1975	-76.33
400	U.S.A.	Atkinson 2018	43.2279	-77.5544
401	U.S.A.	Atkinson 2018	43.2336	-77.5545
402	U.S.A.	Atkinson 2018	43.2896	-75.3214
403	U.S.A.	Atkinson 2018	43.2943	-75.3216
404	U.S.A.	Atkinson 2018	43.3232	-73.6695
405	U.S.A.	Atkinson 2018	43.335	-84.667
406	U.S.A.	Atkinson 2018	43.3636	-76.4363

407	U.S.A.	Atkinson 2018	43.3648	-76.4375
408	U.S.A.	Atkinson 2018	43.4069	-82.7347
409	U.S.A.	Atkinson 2018	43.4235	-70.6877
410	U.S.A.	Atkinson 2018	43.4282	-70.6496
411	U.S.A.	Atkinson 2018	43.455	-84.7275
412	U.S.A.	Atkinson 2018	43.4551	-84.7276
413	U.S.A.	Atkinson 2018	43.5122	-75.9893
414	U.S.A.	Atkinson 2018	43.5564	-75.2631
415	U.S.A.	Atkinson 2018	43.5583	-73.8095
416	U.S.A.	Atkinson 2018	43.6181	-74.0197
417	U.S.A.	Atkinson 2018	43.6251	-70.2979
418	U.S.A.	Atkinson 2018	43.6484	-70.3842
419	U.S.A.	Atkinson 2018	43.6498	-70.3021
420	U.S.A.	Atkinson 2018	43.6835	-71.5684
421	U.S.A.	Atkinson 2018	43.7078	-72.2404
422	U.S.A.	Atkinson 2018	43.74347	-87.720671
423	U.S.A.	Atkinson 2018	43.7599	-103.373
424	U.S.A.	Atkinson 2018	43.7724	-70.4041
425	U.S.A.	Atkinson 2018	43.7799	-74.225
426	U.S.A.	Atkinson 2018	43.8266	-82.9888
427	U.S.A.	Atkinson 2018	43.8343	-71.1951
428	U.S.A.	Atkinson 2018	43.9401	-69.8206
429	U.S.A.	Atkinson 2018	43.9643	-103.216
430	U.S.A.	Atkinson 2018	43.979	-84.8421
431	U.S.A.	Atkinson 2018	43.9855	-70.5478
432	U.S.A.	Atkinson 2018	43.9914	-84.3951
433	U.S.A.	Atkinson 2018	44.0016	-83.7893
434	U.S.A.	Atkinson 2018	44.0167	-86.3333
435	U.S.A.	Atkinson 2018	44.0169	-86.3335
436	U.S.A.	Atkinson 2018	44.0169	-86.5001
437	U.S.A.	Atkinson 2018	44.0248	-76.0087
438	U.S.A.	Atkinson 2018	44.0298	-70.3299
439	U.S.A.	Atkinson 2018	44.0544	-70.2897
440	U.S.A.	Atkinson 2018	44.0613	-70.1907
441	U.S.A.	Atkinson 2018	44.085	-75.4878
442	U.S.A.	Atkinson 2018	44.1935	-69.5428
443	U.S.A.	Atkinson 2018	44.198312	-72.585406
444	U.S.A.	Atkinson 2018	44.2013	-103.666
445	U.S.A.	Atkinson 2018	44.231825	-72.110387
446	U.S.A.	Atkinson 2018	44.2346	-73.9059
447	U.S.A.	Atkinson 2018	44.2386	-70.0361

448	U.S.A.	Atkinson 2018	44.2402	-68.3028
449	U.S.A.	Atkinson 2018	44.2444	-86.3242
450	U.S.A.	Atkinson 2018	44.2597	-70.5011
451	U.S.A.	Atkinson 2018	44.331	-83.6462
452	U.S.A.	Atkinson 2018	44.3855	-103.714
453	U.S.A.	Atkinson 2018	44.3947	-84.3881
454	U.S.A.	Atkinson 2018	44.4454	-69.8343
455	U.S.A.	Atkinson 2018	44.44598	-72.002444
456	U.S.A.	Atkinson 2018	44.5006	-84.5074
457	U.S.A.	Atkinson 2018	44.6091	-75.2668
458	U.S.A.	Atkinson 2018	44.6169	-85.511
459	U.S.A.	Atkinson 2018	44.669	-85.5604
460	U.S.A.	Atkinson 2018	44.6724	-85.0837
461	U.S.A.	Atkinson 2018	44.7	-86.1835
462	U.S.A.	Atkinson 2018	44.7001	-84.623
463	U.S.A.	Atkinson 2018	44.7343	-73.7339
464	U.S.A.	Atkinson 2018	44.7494	-84.6796
465	U.S.A.	Atkinson 2018	44.8831	-68.6725
466	U.S.A.	Atkinson 2018	44.8932	-85.8218
467	U.S.A.	Atkinson 2018	44.9478	-70.175
468	U.S.A.	Atkinson 2018	45.0505	-71.4287
469	U.S.A.	Atkinson 2018	45.8105	-108.523
470	U.S.A.	Atkinson 2018	45.8594	-84.6332
471	U.S.A.	Atkinson 2018	45.9404	-86.3439
472	U.S.A.	Atkinson 2018	46.0911	-68.9569
473	U.S.A.	Atkinson 2018	46.2306	-68.1203
474	U.S.A.	Atkinson 2018	46.3117	-84.5932
475	U.S.A.	Atkinson 2018	46.4056	-94.2759
476	U.S.A.	Atkinson 2018	46.4685	-85.5568
477	U.S.A.	Atkinson 2018	46.5167	-86.6667
478	U.S.A.	Atkinson 2018	46.5331	-93.71
479	U.S.A.	Atkinson 2018	46.6352	-87.4816
480	U.S.A.	Atkinson 2018	46.942	-67.898
481	U.S.A.	Atkinson 2018	47.0275	-88.6422
482	U.S.A.	Atkinson 2018	47.0482	-94.1457
483	U.S.A.	Atkinson 2018	47.3794	-94.6039
484	Italy	Bernabo 2000	45.443633	8.614723
485	Italy	Bernabo 2000	45.507011	8.705456
486	Italy	Bernabo 2000	46.30	12.47
487	Italy	Bernabo 2000	46.40	13.11
488	Italy	Bernabo 2000	46.419260	12.926644

489	Italy	Bernabo 2000	46.533688	13.011233
490	Germany	Bleich et al. 2019	47.580244	8.433267
491	Germany	Bleich et al. 2019	47.665945	9.517946
492	Germany	Bleich et al. 2019	47.668937	7.700988
493	Germany	Bleich et al. 2019	47.826455	12.060054
494	Germany	Bleich et al. 2019	47.919901	9.376544
495	Germany	Bleich et al. 2019	48.085511	11.362992
496	Germany	Bleich et al. 2019	48.265240	8.229261
497	Germany	Bleich et al. 2019	48.549187	9.034434
498	Germany	Bleich et al. 2019	48.759880	8.084573
499	Germany	Bleich et al. 2019	48.857291	8.780852
500	Germany	Bleich et al. 2019	48.864243	13.376535
501	Germany	Bleich et al. 2019	48.896605	8.506312
502	Germany	Bleich et al. 2019	48.897377	8.398252
503	Germany	Bleich et al. 2019	48.944785	13.383511
504	Germany	Bleich et al. 2019	48.965228	8.365365
505	Germany	Bleich et al. 2019	48.998837	9.260558
506	Germany	Bleich et al. 2019	49.038394	8.506969
507	Germany	Bleich et al. 2019	49.070478	13.267843
508	Germany	Bleich et al. 2019	49.119542	13.273319
509	Germany	Bleich et al. 2019	49.126203	12.033908
510	Germany	Bleich et al. 2019	49.153189	7.650899
511	Germany	Bleich et al. 2019	49.350658	8.342034
512	Germany	Bleich et al. 2019	49.361442	7.000868
513	Germany	Bleich et al. 2019	49.477896	11.363670
514	Germany	Bleich et al. 2019	49.480712	11.159595
515	Germany	Bleich et al. 2019	49.527317	12.118635
516	Germany	Bleich et al. 2019	49.528361	11.122062
517	Germany	Bleich et al. 2019	49.532191	11.066268
518	Germany	Bleich et al. 2019	49.580299	11.047830
519	Germany	Bleich et al. 2019	49.782935	8.625107
520	Germany	Bleich et al. 2019	49.873263	8.725044
521	Germany	Bleich et al. 2019	49.924358	11.551877
522	Germany	Bleich et al. 2019	49.982021	8.955069
523	Germany	Bleich et al. 2019	50.044855	8.225323
524	Germany	Bleich et al. 2019	50.069570	9.050098
525	Germany	Bleich et al. 2019	50.129955	7.254725
526	Germany	Bleich et al. 2019	50.138483	8.961635
527	Germany	Bleich et al. 2019	50.164985	8.942294
528	Germany	Bleich et al. 2019	50.590732	8.699491
529	Germany	Bleich et al. 2019	50.623308	6.463726

530	Germany	Bleich et al. 2019	50.725513	6.539366
531	Germany	Bleich et al. 2019	50.924008	7.108989
532	Germany	Bleich et al. 2019	51.295046	7.541292
533	Germany	Bleich et al. 2019	51.319907	7.370041
534	Germany	Bleich et al. 2019	51.336774	7.436189
535	Germany	Bleich et al. 2019	51.381951	7.612595
536	Germany	Bleich et al. 2019	51.471297	7.543814
537	Germany	Bleich et al. 2019	51.761348	7.286357
538	Germany	Bleich et al. 2019	51.855510	8.791231
539	Germany	Bleich et al. 2019	51.856537	8.705062
540	Germany	Bleich et al. 2019	51.899186	7.618097
541	Germany	Bleich et al. 2019	52.015845	8.465689
542	Germany	Bleich et al. 2019	52.125998	8.241868
543	Germany	Bleich et al. 2019	52.473726	9.135755
544	Germany	Bleich et al. 2019	52.511189	9.221875
545	Germany	Bleich et al. 2019	52.522008	9.237028
546	Germany	Bleich et al. 2019	52.582546	9.184522
547	Germany	Bleich et al. 2019	52.626552	8.900397
548	Germany	Bleich et al. 2019	52.635438	9.070530
549	Germany	Bleich et al. 2019	52.643772	8.895508
550	Germany	Bleich et al. 2019	52.644188	9.286733
551	Germany	Bleich et al. 2019	52.667097	9.313474
552	Germany	Bleich et al. 2019	52.673343	9.128870
553	Germany	Bleich et al. 2019	52.673818	9.073648
554	Germany	Bleich et al. 2019	52.674998	9.418087
555	Germany	Bleich et al. 2019	52.676559	9.436686
556	Germany	Bleich et al. 2019	52.726869	9.555329
557	Germany	Bleich et al. 2019	52.726952	9.551801
558	Germany	Bleich et al. 2019	52.770638	9.430957
559	Germany	Bleich et al. 2019	52.790867	9.460215
560	Germany	Bleich et al. 2019	52.911262	11.094725
561	Germany	Bleich et al. 2019	52.911966	10.925789
562	Germany	Bleich et al. 2019	52.917059	11.212092
563	Germany	Bleich et al. 2019	52.934859	11.444193
564	Germany	Bleich et al. 2019	52.979522	11.339899
565	Germany	Bleich et al. 2019	52.986146	11.434559
566	Germany	Bleich et al. 2019	53.005157	11.446942
567	Germany	Bleich et al. 2019	53.072959	11.437257
568	Germany	Bleich et al. 2019	53.162283	11.179257
569	Germany	Bleich et al. 2019	53.163585	11.025046
570	Germany	Bleich et al. 2019	53.172872	10.112044

571	Germany	Bleich et al. 2019	53.190134	9.854397
572	Germany	Bleich et al. 2019	53.195626	10.126512
573	Germany	Bleich et al. 2019	53.209055	10.004347
574	Germany	Bleich et al. 2019	53.222449	10.061363
575	Germany	Bleich et al. 2019	53.225645	10.058950
576	Germany	Bleich et al. 2019	53.246255	10.246399
577	Germany	Bleich et al. 2019	53.255643	11.021919
578	Germany	Bleich et al. 2019	53.261250	9.835865
579	Germany	Bleich et al. 2019	53.269905	9.813125
580	Germany	Bleich et al. 2019	53.274114	10.891397
581	Germany	Bleich et al. 2019	53.277060	10.264245
582	Germany	Bleich et al. 2019	53.294229	9.808492
583	Germany	Bleich et al. 2019	53.317893	9.560437
584	Germany	Bleich et al. 2019	53.338325	9.737266
585	Germany	Bleich et al. 2019	53.374594	9.741559
586	Germany	Bleich et al. 2019	53.424203	9.475661
587	Germany	Bleich et al. 2019	53.441589	10.663521
588	Germany	Bleich et al. 2019	53.476952	10.764759
589	Germany	Bleich et al. 2019	53.509162	10.344925
590	Germany	Bleich et al. 2019	53.559644	10.704583
591	Germany	Bleich et al. 2019	53.565476	10.362770
592	Germany	Bleich et al. 2019	53.599595	10.681247
593	Germany	Bleich et al. 2019	53.654161	10.726547
594	Germany	Bleich et al. 2019	53.781526	10.607599
595	Germany	Bleich et al. 2019	53.822919	10.709228
596	Germany	Bleich et al. 2019	53.957035	10.153406
597	Austria	GBIF 2021	47.2166667	15.8
598	Belgium	GBIF 2021	49.644	5.667
599	Belgium	GBIF 2021	49.981	4.43
600	Belgium	GBIF 2021	50.023	4.64
601	Belgium	GBIF 2021	50.025	4.501
602	Belgium	GBIF 2021	50.027	4.361
603	Belgium	GBIF 2021	50.06	5.131
604	Belgium	GBIF 2021	50.069	4.572
605	Belgium	GBIF 2021	50.073	4.293
606	Belgium	GBIF 2021	50.248	4.648
607	Belgium	GBIF 2021	50.342	4.3
608	Belgium	GBIF 2021	50.383	4.653
609	Belgium	GBIF 2021	50.674961	13.374932
610	Belgium	GBIF 2021	50.702	4.31
611	Belgium	GBIF 2021	51.042	5.532

612	Belgium	GBIF 2021	51.045	5.39
613	Belgium	GBIF 2021	51.329	4.543
614	Canada	GBIF 2021	42.6725	-80.49056
615	Canada	GBIF 2021	43.653226	-79.3831843
616	Canada	GBIF 2021	43.6677097	-79.3947771
617	Canada	GBIF 2021	44.6383455	-63.5651672
618	Canada	GBIF 2021	44.6819866	-63.744311
619	Canada	GBIF 2021	45.3615026	-73.5669892
620	Canada	GBIF 2021	45.7549	-73.5128
621	Canada	GBIF 2021	46.5653163	-66.4619164
622	Canada	GBIF 2021	46.625452	-71.302746
623	Canada	GBIF 2021	51.253775	-85.323214
624	Switzerland	GBIF 2021	46.15456	5.98235
625	Switzerland	GBIF 2021	46.18284	6.08522
626	Switzerland	GBIF 2021	47.23384	8.92435
627	Switzerland	GBIF 2021	47.258139	8.539417
628	Switzerland	GBIF 2021	47.28324	8.52914
629	Switzerland	GBIF 2021	47.33165	8.06705
630	Switzerland	GBIF 2021	47.3323	7.93476
631	Switzerland	GBIF 2021	47.33256	7.86861
632	Switzerland	GBIF 2021	47.37378	8.46478
633	Switzerland	GBIF 2021	47.46577	8.20127
634	Switzerland	GBIF 2021	47.46827	7.47178
635	Switzerland	GBIF 2021	47.5132	7.53819
636	Switzerland	GBIF 2021	47.73155	8.67169
637	Czechia	GBIF 2021	49.529944	13.023111
638	Czechia	GBIF 2021	49.573583	12.665444
639	Germany	GBIF 2021	49.0098	8.10329
640	Germany	GBIF 2021	49.01	8.1
641	Germany	GBIF 2021	49.036098	8.13036
642	Germany	GBIF 2021	49.0361	8.13036
643	Germany	GBIF 2021	49.0361	8.1304
644	Germany	GBIF 2021	49.2038	7.39891
645	Germany	GBIF 2021	49.324	7.946
646	Germany	GBIF 2021	50.73	11.61
647	Germany	GBIF 2021	50.7331	11.6138
648	Germany	GBIF 2021	50.874969	13.708282
649	Germany	GBIF 2021	50.924969	13.541606
650	Spain	GBIF 2021	41.842309	2.307413
651	Spain	GBIF 2021	42.807111	-3.083833
652	Spain	GBIF 2021	43.150250	-2.678000



653	Spain	GBIF 2021	43.162222	-2.640889
654	Spain	GBIF 2021	43.286889	-2.688556
655	Finland	GBIF 2021	60.335614	24.767767
656	Finland	GBIF 2021	60.499945	26.300551
657	France	GBIF 2021	42.46835	2.36349
658	France	GBIF 2021	42.58524	2.28235
659	France	GBIF 2021	42.85151	2.20554
660	France	GBIF 2021	42.85152	2.20559
661	France	GBIF 2021	43.25	-1.58
662	France	GBIF 2021	43.29537	-1.62103
663	France	GBIF 2021	43.29539	-1.62098
664	France	GBIF 2021	43.37984	-1.75137
665	France	GBIF 2021	43.37985	-1.75132
666	France	GBIF 2021	43.48019	-1.51214
667	France	GBIF 2021	43.48021	-1.51209
668	France	GBIF 2021	43.57262	2.44307
669	France	GBIF 2021	43.57263	2.44312
670	France	GBIF 2021	43.93354	3.31138
671	France	GBIF 2021	43.93356	3.31133
672	France	GBIF 2021	44.02931	-1.30581
673	France	GBIF 2021	44.21861	-1.06951
674	France	GBIF 2021	44.58724	-0.84385
675	France	GBIF 2021	44.58726	-0.8438
676	France	GBIF 2021	44.6727	-0.97601
677	France	GBIF 2021	44.67272	-0.97596
678	France	GBIF 2021	44.67716	-0.84999
679	France	GBIF 2021	44.70091	6.09349
680	France	GBIF 2021	44.75801	-1.10856
681	France	GBIF 2021	44.76262	-0.98237
682	France	GBIF 2021	44.76264	-0.98232
683	France	GBIF 2021	44.76709	-0.85615
684	France	GBIF 2021	44.7671	-0.8561
685	France	GBIF 2021	44.77141	-0.72991
686	France	GBIF 2021	44.77143	-0.72986
687	France	GBIF 2021	45.18905	4.08243
688	France	GBIF 2021	45.18907	4.08238
689	France	GBIF 2021	46.00382	3.45232
690	France	GBIF 2021	46.00384	3.45227
691	France	GBIF 2021	46.18436	3.32417
692	France	GBIF 2021	46.18437	3.32411
693	France	GBIF 2021	46.25219	5.27197

694	France	GBIF 2021	46.25221	5.27191
695	France	GBIF 2021	46.63458	2.67315
696	France	GBIF 2021	46.6346	2.6732
697	France	GBIF 2021	46.98153	4.77623
698	France	GBIF 2021	46.98155	4.77617
699	France	GBIF 2021	47.26301	2.27258
700	France	GBIF 2021	47.26303	2.27264
701	France	GBIF 2021	47.323585	2.282615
702	France	GBIF 2021	47.33219	5.31768
703	France	GBIF 2021	47.33221	5.31762
704	France	GBIF 2021	47.35303	2.27136
705	France	GBIF 2021	47.35305	2.27142
706	France	GBIF 2021	47.42717	5.05638
707	France	GBIF 2021	47.42718	5.05633
708	France	GBIF 2021	47.56	-1.77
709	France	GBIF 2021	47.58	-1.76
710	France	GBIF 2021	47.80383	2.39878
711	France	GBIF 2021	47.80385	2.39884
712	France	GBIF 2021	47.80444	2.53237
713	France	GBIF 2021	47.80446	2.53243
714	France	GBIF 2021	47.80492	2.66602
715	France	GBIF 2021	47.83377	2.72596
716	France	GBIF 2021	47.87934	1.05993
717	France	GBIF 2021	47.87936	1.05999
718	France	GBIF 2021	47.91436	7.08487
719	France	GBIF 2021	47.91438	7.08482
720	France	GBIF 2021	47.91854	1.09768
721	France	GBIF 2021	47.98107	1.99464
722	France	GBIF 2021	48.00423	7.09181
723	France	GBIF 2021	48.00425	7.09175
724	France	GBIF 2021	48.09869	6.96461
725	France	GBIF 2021	48.10313	6.83043
726	France	GBIF 2021	48.10742	6.69623
727	France	GBIF 2021	48.10744	6.69618
728	France	GBIF 2021	48.11936	6.29351
729	France	GBIF 2021	48.11938	6.29345
730	France	GBIF 2021	48.18396	7.10575
731	France	GBIF 2021	48.18398	7.10569
732	France	GBIF 2021	48.19301	6.83696
733	France	GBIF 2021	48.28718	6.70885
734	France	GBIF 2021	48.34481	2.66253

735	France	GBIF 2021	48.34483	2.66259
736	France	GBIF 2021	48.45351	7.12683
737	France	GBIF 2021	48.45353	7.12677
738	France	GBIF 2021	48.45813	6.99176
739	France	GBIF 2021	48.52289	2.25511
740	France	GBIF 2021	48.52291	2.25517
741	France	GBIF 2021	48.52845	2.27072
742	France	GBIF 2021	48.62838	7.27652
743	France	GBIF 2021	48.67217	2.52586
744	France	GBIF 2021	48.69814	1.70907
745	France	GBIF 2021	48.69816	1.70913
746	France	GBIF 2021	48.70417	2.52432
747	France	GBIF 2021	48.70419	2.52438
748	France	GBIF 2021	48.81746	7.01929
749	France	GBIF 2021	48.81748	7.01923
750	France	GBIF 2021	48.97748	7.57891
751	France	GBIF 2021	48.9775	7.57885
752	France	GBIF 2021	48.98261	7.44252
753	France	GBIF 2021	48.98263	7.44246
754	France	GBIF 2021	49.06195	7.72344
755	France	GBIF 2021	49.06725	7.58684
756	France	GBIF 2021	49.12459	2.69885
757	France	GBIF 2021	49.15428	2.65732
758	France	GBIF 2021	49.38334	1.09088
759	France	GBIF 2021	49.41014	1.14011
760	France	GBIF 2021	49.41016	1.14017
761	France	GBIF 2021	49.95308	4.6012
762	Germany	GBIF 2021	48.263583	8.186083
763	Germany	GBIF 2021	52.5188334	13.396869
764	Netherlands	GBIF 2021	51.55	5.03
765	Netherlands	GBIF 2021	51.559902	5.033984
766	Netherlands	GBIF 2021	51.75	5.75
767	Netherlands	GBIF 2021	51.9	5.6
768	Netherlands	GBIF 2021	51.95	5.7
769	Netherlands	GBIF 2021	52.0	5.5
770	Netherlands	GBIF 2021	52.0	5.7
771	Netherlands	GBIF 2021	52.015807	5.496456
772	Netherlands	GBIF 2021	52.132633	5.291266
773	Netherlands	GBIF 2021	52.2446819	5.1314775
774	Netherlands	GBIF 2021	52.3	6.4
775	Netherlands	GBIF 2021	52.45	6.4

776	Sweden	GBIF 2021	56.8990125	12.4948338
777	Sweden	GBIF 2021	57.105638	12.2394832
778	U.S.A.	GBIF 2021	27.7527225	-97.4254941
779	U.S.A.	GBIF 2021	28.34	-81.5657
780	U.S.A.	GBIF 2021	28.5892	-81.2156
781	U.S.A.	GBIF 2021	28.6008	-81.1936
782	U.S.A.	GBIF 2021	28.6033	-81.1926
783	U.S.A.	GBIF 2021	28.6039	-81.1947
784	U.S.A.	GBIF 2021	29.3913622	-81.6386889
785	U.S.A.	GBIF 2021	29.5083674	-95.0961973
786	U.S.A.	GBIF 2021	29.6436325	-82.3549302
787	U.S.A.	GBIF 2021	29.6516344	-82.3248262
788	U.S.A.	GBIF 2021	29.6579549	-82.3017728
789	U.S.A.	GBIF 2021	29.748264	-95.5302569
790	U.S.A.	GBIF 2021	29.8680014	-95.1282643
791	U.S.A.	GBIF 2021	30.1316001	-94.0154541
792	U.S.A.	GBIF 2021	30.1442725	-94.0208318
793	U.S.A.	GBIF 2021	30.1833011	-93.6081415
794	U.S.A.	GBIF 2021	30.20117	-93.98636
795	U.S.A.	GBIF 2021	30.20236	-93.98689
796	U.S.A.	GBIF 2021	30.2081594	-93.2028444
797	U.S.A.	GBIF 2021	30.2213763	-95.4899883
798	U.S.A.	GBIF 2021	30.232072	-93.7456223
799	U.S.A.	GBIF 2021	30.2381	-95.48319
800	U.S.A.	GBIF 2021	30.2381	-95.48519
801	U.S.A.	GBIF 2021	30.3118769	-95.4560512
802	U.S.A.	GBIF 2021	30.3169156	-81.3972395
803	U.S.A.	GBIF 2021	30.3321838	-81.655651
804	U.S.A.	GBIF 2021	30.34506	-90.08427
805	U.S.A.	GBIF 2021	30.360725	-95.0760574
806	U.S.A.	GBIF 2021	30.446667	-86.906944
807	U.S.A.	GBIF 2021	30.5463016	-90.4848118
808	U.S.A.	GBIF 2021	30.57205	-94.40888
809	U.S.A.	GBIF 2021	30.5771539	-94.410493
810	U.S.A.	GBIF 2021	30.6124261	-93.8743461
811	U.S.A.	GBIF 2021	30.63366	-93.8284
812	U.S.A.	GBIF 2021	30.6359081	-93.822281
813	U.S.A.	GBIF 2021	30.6604815	-93.8926809
814	U.S.A.	GBIF 2021	30.688848	-94.4159842
815	U.S.A.	GBIF 2021	30.691283	-94.4131403
816	U.S.A.	GBIF 2021	30.7443	-94.43602

817	U.S.A.	GBIF 2021	30.774897	-89.58685
818	U.S.A.	GBIF 2021	30.7752011	-94.4154758
819	U.S.A.	GBIF 2021	30.89967	-93.9247
820	U.S.A.	GBIF 2021	30.9248845	-94.0103987
821	U.S.A.	GBIF 2021	30.9251869	-88.5900235
822	U.S.A.	GBIF 2021	30.9842977	-91.9623327
823	U.S.A.	GBIF 2021	30.9968249	-94.8315286
824	U.S.A.	GBIF 2021	30.9968565	-94.8271527
825	U.S.A.	GBIF 2021	30.9970006	-94.8209562
826	U.S.A.	GBIF 2021	30.9988012	-92.6237529
827	U.S.A.	GBIF 2021	31.01728	-94.8341
828	U.S.A.	GBIF 2021	31.0418561	-92.5312493
829	U.S.A.	GBIF 2021	31.1435194	-93.260998
830	U.S.A.	GBIF 2021	31.1465757	-92.4973598
831	U.S.A.	GBIF 2021	31.2479659	-93.9743556
832	U.S.A.	GBIF 2021	31.24856	-93.96531
833	U.S.A.	GBIF 2021	31.2750939	-93.9899983
834	U.S.A.	GBIF 2021	31.31135	-94.82601
835	U.S.A.	GBIF 2021	31.3226849	-94.7782644
836	U.S.A.	GBIF 2021	31.3382406	-94.729097
837	U.S.A.	GBIF 2021	31.3407403	-93.846852
838	U.S.A.	GBIF 2021	31.43999	-94.84506
839	U.S.A.	GBIF 2021	31.4465701	-94.8721556
840	U.S.A.	GBIF 2021	31.477155	-100.4558437
841	U.S.A.	GBIF 2021	31.5654441	-91.4259495
842	U.S.A.	GBIF 2021	31.6948467	-102.4140754
843	U.S.A.	GBIF 2021	31.819334	-92.329862
844	U.S.A.	GBIF 2021	31.9183685	-91.2334884
845	U.S.A.	GBIF 2021	31.9685988	-99.9018131
846	U.S.A.	GBIF 2021	32.0377132	-80.8501103
847	U.S.A.	GBIF 2021	32.0808989	-81.091203
848	U.S.A.	GBIF 2021	32.1656221	-82.9000751
849	U.S.A.	GBIF 2021	32.3512601	-95.3010624
850	U.S.A.	GBIF 2021	32.3520904	-90.734824
851	U.S.A.	GBIF 2021	32.3526456	-90.877882
852	U.S.A.	GBIF 2021	32.402844	-97.121069
853	U.S.A.	GBIF 2021	32.4084765	-91.1867771
854	U.S.A.	GBIF 2021	32.4518036	-97.7339978
855	U.S.A.	GBIF 2021	32.4710847	-97.7112457
856	U.S.A.	GBIF 2021	32.5251516	-93.7501789
857	U.S.A.	GBIF 2021	32.5279235	-94.8613258

858	U.S.A.	GBIF 2021	32.5530835	-94.3864829
859	U.S.A.	GBIF 2021	32.585867	-85.449661
860	U.S.A.	GBIF 2021	32.7400658	-97.3267365
861	U.S.A.	GBIF 2021	32.7493915	-97.8005122
862	U.S.A.	GBIF 2021	32.755252	-97.338136
863	U.S.A.	GBIF 2021	32.7951634	-97.3118145
864	U.S.A.	GBIF 2021	32.8595171	-97.3649114
865	U.S.A.	GBIF 2021	32.8805489	-96.5663419
866	U.S.A.	GBIF 2021	33.0074255	-94.6443752
867	U.S.A.	GBIF 2021	33.1567863	-94.968269
868	U.S.A.	GBIF 2021	33.6255234	-91.3945566
869	U.S.A.	GBIF 2021	33.7123305	-84.1051939
870	U.S.A.	GBIF 2021	33.836081	-81.1637245
871	U.S.A.	GBIF 2021	34.145148	-81.275653
872	U.S.A.	GBIF 2021	34.5003918	-94.5004891
873	U.S.A.	GBIF 2021	34.5072341	-97.1106313
874	U.S.A.	GBIF 2021	34.6915509	-77.0630033
875	U.S.A.	GBIF 2021	34.720556	-76.936667
876	U.S.A.	GBIF 2021	34.8350273	-95.3108691
877	U.S.A.	GBIF 2021	34.835035	-95.3102505
878	U.S.A.	GBIF 2021	34.9027286	-83.3789389
879	U.S.A.	GBIF 2021	34.950932	-95.0802398
880	U.S.A.	GBIF 2021	35.0077519	-97.092877
881	U.S.A.	GBIF 2021	35.2626635	-77.5816353
882	U.S.A.	GBIF 2021	35.2666027	-78.037528
883	U.S.A.	GBIF 2021	35.2876077	-84.9462743
884	U.S.A.	GBIF 2021	35.3523026	-88.9525607
885	U.S.A.	GBIF 2021	35.362855	-84.294087
886	U.S.A.	GBIF 2021	35.3678883	-82.7584611
887	U.S.A.	GBIF 2021	35.4306712	-82.5012316
888	U.S.A.	GBIF 2021	35.471793	-84.2278796
889	U.S.A.	GBIF 2021	35.5174913	-86.5804473
890	U.S.A.	GBIF 2021	35.5950581	-82.5514869
891	U.S.A.	GBIF 2021	35.6384597	-97.5013693
892	U.S.A.	GBIF 2021	35.67825	-85.77734
893	U.S.A.	GBIF 2021	35.6865889	-85.7801453
894	U.S.A.	GBIF 2021	35.77194	-78.63889
895	U.S.A.	GBIF 2021	35.7795897	-78.6381787
896	U.S.A.	GBIF 2021	35.79154	-78.7811169
897	U.S.A.	GBIF 2021	36.0726354	-79.7919754
898	U.S.A.	GBIF 2021	36.5297706	-87.3594528

899	U.S.A.	GBIF 2021	36.6431638	-80.1486151
900	U.S.A.	GBIF 2021	36.82	-90.872
901	U.S.A.	GBIF 2021	36.8507689	-76.2858726
902	U.S.A.	GBIF 2021	36.8529263	-75.977985
903	U.S.A.	GBIF 2021	36.9229159	-80.0133712
904	U.S.A.	GBIF 2021	36.985089	-76.4179638
905	U.S.A.	GBIF 2021	37.051	-91.322
906	U.S.A.	GBIF 2021	37.051	-91.388
907	U.S.A.	GBIF 2021	37.0870821	-76.4730122
908	U.S.A.	GBIF 2021	37.09024	-95.712891
909	U.S.A.	GBIF 2021	37.1289771	-84.0832646
910	U.S.A.	GBIF 2021	37.2295733	-80.4139393
911	U.S.A.	GBIF 2021	37.2683802	-93.1171264
912	U.S.A.	GBIF 2021	37.2709704	-79.9414266
913	U.S.A.	GBIF 2021	37.317	-89.917
914	U.S.A.	GBIF 2021	37.3529172	-79.6164232
915	U.S.A.	GBIF 2021	37.3673217	-77.6077865
916	U.S.A.	GBIF 2021	37.4128281	-76.5025742
917	U.S.A.	GBIF 2021	37.4315734	-78.6568942
918	U.S.A.	GBIF 2021	37.4653757	-76.964306
919	U.S.A.	GBIF 2021	37.5234001	-77.3158452
920	U.S.A.	GBIF 2021	37.5407246	-77.4360481
921	U.S.A.	GBIF 2021	37.718624	-76.895267
922	U.S.A.	GBIF 2021	37.7372121	-77.1485163
923	U.S.A.	GBIF 2021	37.7590318	-77.4799837
924	U.S.A.	GBIF 2021	37.7592831	-81.0767626
925	U.S.A.	GBIF 2021	37.78316	-94.82462
926	U.S.A.	GBIF 2021	37.828	-90.26
927	U.S.A.	GBIF 2021	37.877562	-79.221286
928	U.S.A.	GBIF 2021	37.9642529	-91.8318334
929	U.S.A.	GBIF 2021	37.9883991	-85.7157924
930	U.S.A.	GBIF 2021	38.0405837	-84.5037164
931	U.S.A.	GBIF 2021	38.0695815	-78.700575
932	U.S.A.	GBIF 2021	38.0990233	-78.9691923
933	U.S.A.	GBIF 2021	38.1050689	-85.7588502
934	U.S.A.	GBIF 2021	38.2372863	-77.1485163
935	U.S.A.	GBIF 2021	38.2556905	-81.4278984
936	U.S.A.	GBIF 2021	38.5976262	-80.4549026
937	U.S.A.	GBIF 2021	38.647896	-78.6714064
938	U.S.A.	GBIF 2021	38.6764777	-81.6601279
939	U.S.A.	GBIF 2021	38.741533	-75.412181

940	U.S.A.	GBIF 2021	38.861065	-82.9931607
941	U.S.A.	GBIF 2021	38.9517053	-92.3340724
942	U.S.A.	GBIF 2021	38.9531162	-77.4565388
943	U.S.A.	GBIF 2021	38.9833489	-93.5685464
944	U.S.A.	GBIF 2021	38.9917797	-74.8148894
945	U.S.A.	GBIF 2021	39.0348317	-76.9074739
946	U.S.A.	GBIF 2021	39.0634129	-81.3951198
947	U.S.A.	GBIF 2021	39.0997265	-94.5785667
948	U.S.A.	GBIF 2021	39.1287189	-79.4647739
949	U.S.A.	GBIF 2021	39.2587106	-75.0611147
950	U.S.A.	GBIF 2021	39.2728826	-79.3644902
951	U.S.A.	GBIF 2021	39.2806451	-80.3445341
952	U.S.A.	GBIF 2021	39.2903848	-76.6121893
953	U.S.A.	GBIF 2021	39.3473586	-76.6542664
954	U.S.A.	GBIF 2021	39.3839884	-78.1555579
955	U.S.A.	GBIF 2021	39.39155	-104.75258
956	U.S.A.	GBIF 2021	39.391764	-104.752337
957	U.S.A.	GBIF 2021	39.4020332	-80.0353533
958	U.S.A.	GBIF 2021	39.40868	-94.96513
959	U.S.A.	GBIF 2021	39.40954	-94.96623
960	U.S.A.	GBIF 2021	39.4512859	-75.1930977
961	U.S.A.	GBIF 2021	39.4553636	-80.1417454
962	U.S.A.	GBIF 2021	39.4631408	-80.4075888
963	U.S.A.	GBIF 2021	39.4711967	-80.0950761
964	U.S.A.	GBIF 2021	39.479807	-80.1686906
965	U.S.A.	GBIF 2021	39.4956403	-80.0931308
966	U.S.A.	GBIF 2021	39.500084	-80.1961916
967	U.S.A.	GBIF 2021	39.5403331	-80.1428126
968	U.S.A.	GBIF 2021	39.5500507	-105.7820674
969	U.S.A.	GBIF 2021	39.601504	-75.0671196
970	U.S.A.	GBIF 2021	39.6023092	-79.2233674
971	U.S.A.	GBIF 2021	39.6070265	-79.8920056
972	U.S.A.	GBIF 2021	39.6269902	-78.2271957
973	U.S.A.	GBIF 2021	39.675667	-104.885591
974	U.S.A.	GBIF 2021	39.7035249	-78.5698598
975	U.S.A.	GBIF 2021	39.7826095	-75.8754973
976	U.S.A.	GBIF 2021	39.792614	-104.977847
977	U.S.A.	GBIF 2021	39.9348	-77.3223
978	U.S.A.	GBIF 2021	39.9383152	-75.446089
979	U.S.A.	GBIF 2021	39.9765751	-95.0216216
980	U.S.A.	GBIF 2021	39.9991865	-78.2388071



981	U.S.A.	GBIF 2021	40.0207646	-79.1715288
982	U.S.A.	GBIF 2021	40.0583238	-74.4056612
983	U.S.A.	GBIF 2021	40.0994425	-74.9325683
984	U.S.A.	GBIF 2021	40.1100719	-80.1747806
985	U.S.A.	GBIF 2021	40.1340316	-74.5236865
986	U.S.A.	GBIF 2021	40.1634279	-76.3949614
987	U.S.A.	GBIF 2021	40.1778886	-74.5834887
988	U.S.A.	GBIF 2021	40.181602	-76.58556
989	U.S.A.	GBIF 2021	40.1879504	-75.4354883
990	U.S.A.	GBIF 2021	40.1988475	-105.2492646
991	U.S.A.	GBIF 2021	40.2010241	-77.2002745
992	U.S.A.	GBIF 2021	40.220088	-74.3903
993	U.S.A.	GBIF 2021	40.22466	-76.9634
994	U.S.A.	GBIF 2021	40.2686013	-77.5848665
995	U.S.A.	GBIF 2021	40.2926016	-79.9975916
996	U.S.A.	GBIF 2021	40.2973319	-74.3582041
997	U.S.A.	GBIF 2021	40.3101063	-75.1298939
998	U.S.A.	GBIF 2021	40.3949309	-77.7168299
999	U.S.A.	GBIF 2021	40.4172871	-82.907123
1000	U.S.A.	GBIF 2021	40.4190716	-76.5965
1001	U.S.A.	GBIF 2021	40.439447	-79.992856
1002	U.S.A.	GBIF 2021	40.4525163	-74.4766712
1003	U.S.A.	GBIF 2021	40.4862157	-74.4518188
1004	U.S.A.	GBIF 2021	40.5106322	-74.6472522
1005	U.S.A.	GBIF 2021	40.5200635	-82.0973748
1006	U.S.A.	GBIF 2021	40.5736942	-74.1184675
1007	U.S.A.	GBIF 2021	40.5828697	-74.9584954
1008	U.S.A.	GBIF 2021	40.6725024	-73.916862
1009	U.S.A.	GBIF 2021	40.7010204	-73.9481277
1010	U.S.A.	GBIF 2021	40.7065616	-74.0037097
1011	U.S.A.	GBIF 2021	40.7098744	-74.0154317
1012	U.S.A.	GBIF 2021	40.7100491	-74.007383
1013	U.S.A.	GBIF 2021	40.7127753	-74.0059728
1014	U.S.A.	GBIF 2021	40.7298207	-73.2103934
1015	U.S.A.	GBIF 2021	40.7341691	-73.9826815
1016	U.S.A.	GBIF 2021	40.759004	-73.739866
1017	U.S.A.	GBIF 2021	40.759853	-73.74009
1018	U.S.A.	GBIF 2021	40.793395	-77.860001
1019	U.S.A.	GBIF 2021	40.8447819	-73.8648268
1020	U.S.A.	GBIF 2021	40.8467657	-73.5351245
1021	U.S.A.	GBIF 2021	40.9045084	-80.0464473

1022	U.S.A.	GBIF 2021	40.9552	-75.4371
1023	U.S.A.	GBIF 2021	40.97163	-80.11844
1024	U.S.A.	GBIF 2021	41.0111103	-95.8808424
1025	U.S.A.	GBIF 2021	41.04422	-83.6499321
1026	U.S.A.	GBIF 2021	41.084263	-74.0556966
1027	U.S.A.	GBIF 2021	41.0997803	-80.6495194
1028	U.S.A.	GBIF 2021	41.1361372	-81.7302102
1029	U.S.A.	GBIF 2021	41.2033216	-77.1945247
1030	U.S.A.	GBIF 2021	41.208442	-73.57482
1031	U.S.A.	GBIF 2021	41.2542459	-76.9205199
1032	U.S.A.	GBIF 2021	41.2617481	-75.8968635
1033	U.S.A.	GBIF 2021	41.3581172	-78.2672332
1034	U.S.A.	GBIF 2021	41.3890052	-70.5133599
1035	U.S.A.	GBIF 2021	41.3978358	-79.8314437
1036	U.S.A.	GBIF 2021	41.4727378	-76.2942507
1037	U.S.A.	GBIF 2021	41.48	-81.34
1038	U.S.A.	GBIF 2021	41.49932	-81.6943605
1039	U.S.A.	GBIF 2021	41.5034271	-74.0104178
1040	U.S.A.	GBIF 2021	41.504253	-78.219806
1041	U.S.A.	GBIF 2021	41.5299559	-75.2164296
1042	U.S.A.	GBIF 2021	41.5750676	-71.5351476
1043	U.S.A.	GBIF 2021	41.5767602	-74.4871031
1044	U.S.A.	GBIF 2021	41.6032207	-73.087749
1045	U.S.A.	GBIF 2021	41.7170379	-74.3957099
1046	U.S.A.	GBIF 2021	41.7711633	-81.049819
1047	U.S.A.	GBIF 2021	41.7834087	-76.0463137
1048	U.S.A.	GBIF 2021	41.82	-81.04
1049	U.S.A.	GBIF 2021	41.82	-81.05
1050	U.S.A.	GBIF 2021	41.879134999062195	-83.68995699999999
1051	U.S.A.	GBIF 2021	41.8791349990622	-83.689957
1052	U.S.A.	GBIF 2021	41.9042867	-85.7988714
1053	U.S.A.	GBIF 2021	41.9848458	-84.3476165
1054	U.S.A.	GBIF 2021	42.0105122	-83.202408
1055	U.S.A.	GBIF 2021	42.0399825	-75.7968698
1056	U.S.A.	GBIF 2021	42.06038499906157	-84.141481
1057	U.S.A.	GBIF 2021	42.0603849990616	-84.141481
1058	U.S.A.	GBIF 2021	42.0653812	-71.2478251
1059	U.S.A.	GBIF 2021	42.0698822	-80.1651854
1060	U.S.A.	GBIF 2021	42.1084122	-72.0787059
1061	U.S.A.	GBIF 2021	42.1417442	-71.2495096
1062	U.S.A.	GBIF 2021	42.156626	-77.1255055

1063	U.S.A.	GBIF 2021	42.1745334	-74.0201355
1064	U.S.A.	GBIF 2021	42.1764362	-84.3542049
1065	U.S.A.	GBIF 2021	42.192104	-83.2896482
1066	U.S.A.	GBIF 2021	42.199131	-74.041072
1067	U.S.A.	GBIF 2021	42.2380181	-75.8463022
1068	U.S.A.	GBIF 2021	42.2389857	-71.3697813
1069	U.S.A.	GBIF 2021	42.248487	-84.423438
1070	U.S.A.	GBIF 2021	42.249228	-78.9592052
1071	U.S.A.	GBIF 2021	42.2780436	-83.7382241
1072	U.S.A.	GBIF 2021	42.279286	-71.4161565
1073	U.S.A.	GBIF 2021	42.2809285	-71.2377548
1074	U.S.A.	GBIF 2021	42.3484207	-73.0151011
1075	U.S.A.	GBIF 2021	42.362669	-85.356061
1076	U.S.A.	GBIF 2021	42.3792459	-76.0623979
1077	U.S.A.	GBIF 2021	42.4072107	-71.3824374
1078	U.S.A.	GBIF 2021	42.4153596	-74.0220769
1079	U.S.A.	GBIF 2021	42.4500845	-73.2453824
1080	U.S.A.	GBIF 2021	42.4703676	-85.7885885
1081	U.S.A.	GBIF 2021	42.479477	-71.39651
1082	U.S.A.	GBIF 2021	42.4959288	-71.0197738
1083	U.S.A.	GBIF 2021	42.5013612	-83.8356197
1084	U.S.A.	GBIF 2021	42.505999990602	-83.8567
1085	U.S.A.	GBIF 2021	42.5168908	-76.5880144
1086	U.S.A.	GBIF 2021	42.5250906	-71.759794
1087	U.S.A.	GBIF 2021	42.5584218	-71.2689461
1088	U.S.A.	GBIF 2021	42.5590999906005	-83.552578
1089	U.S.A.	GBIF 2021	42.559099990601	-83.552578
1090	U.S.A.	GBIF 2021	42.5601082	-83.5519395
1091	U.S.A.	GBIF 2021	42.605629	-71.615987
1092	U.S.A.	GBIF 2021	42.6072552	-83.9293952
1093	U.S.A.	GBIF 2021	42.6167799990599	-83.9281
1094	U.S.A.	GBIF 2021	42.61677999905991	-83.92810000000001
1095	U.S.A.	GBIF 2021	42.6334247	-71.3161718
1096	U.S.A.	GBIF 2021	42.6550248	-86.2019825
1097	U.S.A.	GBIF 2021	42.6583356	-71.1367953
1098	U.S.A.	GBIF 2021	42.6766696	-71.4244224
1099	U.S.A.	GBIF 2021	42.697013	-84.42321
1100	U.S.A.	GBIF 2021	42.7009999905968	-86.19600000000001
1101	U.S.A.	GBIF 2021	42.700999990597	-86.196
1102	U.S.A.	GBIF 2021	42.701848	-84.4821719
1103	U.S.A.	GBIF 2021	42.7092868	-83.0703388

1104	U.S.A.	GBIF 2021	42.7156999990596	-84.5224
1105	U.S.A.	GBIF 2021	42.715699999059645	-84.5224
1106	U.S.A.	GBIF 2021	42.717779	-84.5150649
1107	U.S.A.	GBIF 2021	42.7256184	-77.8741694
1108	U.S.A.	GBIF 2021	42.732535	-84.5555347
1109	U.S.A.	GBIF 2021	42.7369792	-84.4838654
1110	U.S.A.	GBIF 2021	42.73772999905959	-84.06436
1111	U.S.A.	GBIF 2021	42.7377299990596	-84.06436
1112	U.S.A.	GBIF 2021	42.7502495	-103.0012944
1113	U.S.A.	GBIF 2021	42.7533685	-84.7463757
1114	U.S.A.	GBIF 2021	42.764757	-82.934164
1115	U.S.A.	GBIF 2021	42.7870209	-73.9709583
1116	U.S.A.	GBIF 2021	42.808445	-78.133638
1117	U.S.A.	GBIF 2021	42.8249023	-82.4903367
1118	U.S.A.	GBIF 2021	42.8249167	-82.4903341
1119	U.S.A.	GBIF 2021	42.8374494	-82.487913
1120	U.S.A.	GBIF 2021	42.8384221	-71.1470037
1121	U.S.A.	GBIF 2021	42.8509152	-72.5578678
1122	U.S.A.	GBIF 2021	42.8679836	-76.985557
1123	U.S.A.	GBIF 2021	42.9011708	-78.3886312
1124	U.S.A.	GBIF 2021	42.9026136	-78.744572
1125	U.S.A.	GBIF 2021	42.9084012	-75.6607387
1126	U.S.A.	GBIF 2021	42.9266565	-90.623182
1127	U.S.A.	GBIF 2021	42.9336426	-85.3419609
1128	U.S.A.	GBIF 2021	42.9486611	-85.4824841
1129	U.S.A.	GBIF 2021	42.960999999059	-85.309
1130	U.S.A.	GBIF 2021	42.96099999905904	-85.3089999999998
1131	U.S.A.	GBIF 2021	42.9633599	-85.6680863
1132	U.S.A.	GBIF 2021	43.0140573	-83.6891648
1133	U.S.A.	GBIF 2021	43.0140787	-83.689118
1134	U.S.A.	GBIF 2021	43.03579999905889	-85.49090000000001
1135	U.S.A.	GBIF 2021	43.0357999990589	-85.4909
1136	U.S.A.	GBIF 2021	43.0379961	-70.8695618
1137	U.S.A.	GBIF 2021	43.0517441	-70.8175001
1138	U.S.A.	GBIF 2021	43.0539179	-85.4697477
1139	U.S.A.	GBIF 2021	43.0598206	-75.9648832
1140	U.S.A.	GBIF 2021	43.072602999058795	-82.626496
1141	U.S.A.	GBIF 2021	43.0726029990588	-82.626496
1142	U.S.A.	GBIF 2021	43.072603	-82.626496
1143	U.S.A.	GBIF 2021	43.0844679	-82.4865581
1144	U.S.A.	GBIF 2021	43.0887243	-83.528342

1145	U.S.A.	GBIF 2021	43.1006099990587	-83.55581
1146	U.S.A.	GBIF 2021	43.10060999905875	-83.55581000000001
1147	U.S.A.	GBIF 2021	43.100903	-75.232664
1148	U.S.A.	GBIF 2021	43.1009037	-74.772927
1149	U.S.A.	GBIF 2021	43.1339545	-70.9264393
1150	U.S.A.	GBIF 2021	43.1938516	-71.5723953
1151	U.S.A.	GBIF 2021	43.2128473	-75.4557303
1152	U.S.A.	GBIF 2021	43.2341813	-86.2483921
1153	U.S.A.	GBIF 2021	43.2421309990584	-86.345715
1154	U.S.A.	GBIF 2021	43.242130999058446	-86.345715
1155	U.S.A.	GBIF 2021	43.2994285	-74.2179326
1156	U.S.A.	GBIF 2021	43.3025127	-73.6546653
1157	U.S.A.	GBIF 2021	43.3647519990582	-82.617744
1158	U.S.A.	GBIF 2021	43.36475199905822	-82.617744
1159	U.S.A.	GBIF 2021	43.4069041	-82.7347142
1160	U.S.A.	GBIF 2021	43.443312	-82.645754
1161	U.S.A.	GBIF 2021	43.45512999905805	-84.72758
1162	U.S.A.	GBIF 2021	43.4551299990581	-84.72758
1163	U.S.A.	GBIF 2021	43.4670156	-85.1454515
1164	U.S.A.	GBIF 2021	43.470328999058	-86.267185
1165	U.S.A.	GBIF 2021	43.47032899905803	-86.26718499999998
1166	U.S.A.	GBIF 2021	43.482533	-76.1783739
1167	U.S.A.	GBIF 2021	43.48924599905799	-85.554437
1168	U.S.A.	GBIF 2021	43.489245999058	-85.554437
1169	U.S.A.	GBIF 2021	43.4972896	-74.3618105
1170	U.S.A.	GBIF 2021	43.5350639	-84.1325864
1171	U.S.A.	GBIF 2021	43.5487519990579	-83.077724
1172	U.S.A.	GBIF 2021	43.5487519990579	-85.65228399999998
1173	U.S.A.	GBIF 2021	43.5487519990579	-85.652284
1174	U.S.A.	GBIF 2021	43.5648623	-72.9660655
1175	U.S.A.	GBIF 2021	43.595833	-82.857222
1176	U.S.A.	GBIF 2021	43.6141668	-71.0054993
1177	U.S.A.	GBIF 2021	43.6155825	-84.2472116
1178	U.S.A.	GBIF 2021	43.6414716	-70.2408811
1179	U.S.A.	GBIF 2021	43.6698799990577	-84.58771
1180	U.S.A.	GBIF 2021	43.66987999905771	-84.58770999999999
1181	U.S.A.	GBIF 2021	43.671	-82.774
1182	U.S.A.	GBIF 2021	43.6778491	-86.4232715
1183	U.S.A.	GBIF 2021	43.6839337	-85.8607141
1184	U.S.A.	GBIF 2021	43.7022451	-72.2895526
1185	U.S.A.	GBIF 2021	43.7126985	-71.4914747

1186	U.S.A.	GBIF 2021	43.7128792	-85.8496274
1187	U.S.A.	GBIF 2021	43.7136555	-85.7008102
1188	U.S.A.	GBIF 2021	43.7588577	-70.398706
1189	U.S.A.	GBIF 2021	43.76667	-103.59833
1190	U.S.A.	GBIF 2021	43.8015019990575	-82.907658
1191	U.S.A.	GBIF 2021	43.80150199905752	-82.907658
1192	U.S.A.	GBIF 2021	43.8194703	-84.7686281
1193	U.S.A.	GBIF 2021	43.8343	-72.24841
1194	U.S.A.	GBIF 2021	43.8884839990574	-85.348974
1195	U.S.A.	GBIF 2021	43.888483999057414	-85.34897400000001
1196	U.S.A.	GBIF 2021	43.89044	-72.22562
1197	U.S.A.	GBIF 2021	43.89275	-72.49469
1198	U.S.A.	GBIF 2021	43.9552825	-86.4525831
1199	U.S.A.	GBIF 2021	43.969246	-70.5211945
1200	U.S.A.	GBIF 2021	43.9695148	-99.9018131
1201	U.S.A.	GBIF 2021	43.97602	-72.44552
1202	U.S.A.	GBIF 2021	43.98239	-72.13262
1203	U.S.A.	GBIF 2021	43.98878	-84.498715
1204	U.S.A.	GBIF 2021	43.98966	-73.30861
1205	U.S.A.	GBIF 2021	43.99136	-72.40146
1206	U.S.A.	GBIF 2021	43.99597	-72.62386
1207	U.S.A.	GBIF 2021	43.9964219990573	-83.077724
1208	U.S.A.	GBIF 2021	43.996421999057304	-83.077724
1209	U.S.A.	GBIF 2021	43.9973355	-83.6773928
1210	U.S.A.	GBIF 2021	44.01692999905727	-84.295588
1211	U.S.A.	GBIF 2021	44.0169299990573	-84.295588
1212	U.S.A.	GBIF 2021	44.01916699905726	-86.51305600000002
1213	U.S.A.	GBIF 2021	44.0191669990573	-86.513056
1214	U.S.A.	GBIF 2021	44.03458	-72.09068
1215	U.S.A.	GBIF 2021	44.0369	-73.00305
1216	U.S.A.	GBIF 2021	44.087685	-84.861674
1217	U.S.A.	GBIF 2021	44.0978509	-70.2311655
1218	U.S.A.	GBIF 2021	44.100351	-70.2147764
1219	U.S.A.	GBIF 2021	44.101008	-84.157787
1220	U.S.A.	GBIF 2021	44.11063	-72.61166
1221	U.S.A.	GBIF 2021	44.1333912	-73.0790076
1222	U.S.A.	GBIF 2021	44.1620939990571	-84.904324
1223	U.S.A.	GBIF 2021	44.162093999057134	-84.90432399999999
1224	U.S.A.	GBIF 2021	44.16633	-72.42474
1225	U.S.A.	GBIF 2021	44.1752378	-84.0551693
1226	U.S.A.	GBIF 2021	44.2042479	-73.9932333

1227	U.S.A.	GBIF 2021	44.2058259990571	-83.603006
1228	U.S.A.	GBIF 2021	44.2130042	-86.272921
1229	U.S.A.	GBIF 2021	44.2141211	-86.2741118
1230	U.S.A.	GBIF 2021	44.2219663	-74.8350277
1231	U.S.A.	GBIF 2021	44.22539	-72.46075
1232	U.S.A.	GBIF 2021	44.23544	-73.23192
1233	U.S.A.	GBIF 2021	44.2387639	-72.1160864
1234	U.S.A.	GBIF 2021	44.2608708	-83.5308485
1235	U.S.A.	GBIF 2021	44.2652911	-83.5241276
1236	U.S.A.	GBIF 2021	44.2705854	-71.3032723
1237	U.S.A.	GBIF 2021	44.27183	-72.45511
1238	U.S.A.	GBIF 2021	44.2724599	-83.5238186
1239	U.S.A.	GBIF 2021	44.2758183	-103.6663058
1240	U.S.A.	GBIF 2021	44.2762584	-84.2426027
1241	U.S.A.	GBIF 2021	44.2773002	-84.2429985
1242	U.S.A.	GBIF 2021	44.27769	-73.22229
1243	U.S.A.	GBIF 2021	44.29596	-72.69902
1244	U.S.A.	GBIF 2021	44.2983365	-84.725468
1245	U.S.A.	GBIF 2021	44.2994	-72.68952
1246	U.S.A.	GBIF 2021	44.3099922	-85.2157263
1247	U.S.A.	GBIF 2021	44.3148443	-85.6023643
1248	U.S.A.	GBIF 2021	44.3156512	-68.2106314
1249	U.S.A.	GBIF 2021	44.31587	-72.72574
1250	U.S.A.	GBIF 2021	44.3197	-73.02746
1251	U.S.A.	GBIF 2021	44.32013	-73.03067
1252	U.S.A.	GBIF 2021	44.32131	-73.02989
1253	U.S.A.	GBIF 2021	44.335606	-84.611596
1254	U.S.A.	GBIF 2021	44.34283	-72.71084
1255	U.S.A.	GBIF 2021	44.36449	-72.29657
1256	U.S.A.	GBIF 2021	44.36578	-72.91032
1257	U.S.A.	GBIF 2021	44.376651	-103.7296415
1258	U.S.A.	GBIF 2021	44.3947279990569	-84.388147
1259	U.S.A.	GBIF 2021	44.39472799905694	-84.38814700000002
1260	U.S.A.	GBIF 2021	44.4097069	-103.5090786
1261	U.S.A.	GBIF 2021	44.4158589	-83.3355716
1262	U.S.A.	GBIF 2021	44.4192627	-72.0151184
1263	U.S.A.	GBIF 2021	44.4248597	-83.3302225
1264	U.S.A.	GBIF 2021	44.4330696	-68.9953595
1265	U.S.A.	GBIF 2021	44.4439565	-83.365456
1266	U.S.A.	GBIF 2021	44.44446	-73.99958
1267	U.S.A.	GBIF 2021	44.4459	-72.65897

1268	U.S.A.	GBIF 2021	44.4464699	-84.3121264
1269	U.S.A.	GBIF 2021	44.4544949990569	-84.542523
1270	U.S.A.	GBIF 2021	44.454494999056905	-84.542523
1271	U.S.A.	GBIF 2021	44.4552259990569	-85.936307
1272	U.S.A.	GBIF 2021	44.45522599905692	-85.936307
1273	U.S.A.	GBIF 2021	44.4610952	-103.6385276
1274	U.S.A.	GBIF 2021	44.4616799990569	-86.080339
1275	U.S.A.	GBIF 2021	44.461679999056905	-86.080339
1276	U.S.A.	GBIF 2021	44.46168	-86.089339
1277	U.S.A.	GBIF 2021	44.4635439990569	-83.29461
1278	U.S.A.	GBIF 2021	44.4635439990569	-84.29461
1279	U.S.A.	GBIF 2021	44.46354399905691	-83.29461
1280	U.S.A.	GBIF 2021	44.46354399905691	-84.29460999999999
1281	U.S.A.	GBIF 2021	44.474833	-85.603532
1282	U.S.A.	GBIF 2021	44.48431	-72.49857
1283	U.S.A.	GBIF 2021	44.4941037	-86.2307766
1284	U.S.A.	GBIF 2021	44.4983504	-84.5919682
1285	U.S.A.	GBIF 2021	44.49944	-73.04027
1286	U.S.A.	GBIF 2021	44.5000397	-84.5907198
1287	U.S.A.	GBIF 2021	44.51129	-71.91502
1288	U.S.A.	GBIF 2021	44.52602699905688	-84.745711
1289	U.S.A.	GBIF 2021	44.5260269990569	-84.745711
1290	U.S.A.	GBIF 2021	44.526027	-84.75711
1291	U.S.A.	GBIF 2021	44.526027	-84.757111
1292	U.S.A.	GBIF 2021	44.5364238	-70.3556598
1293	U.S.A.	GBIF 2021	44.539417999056866	-84.872087
1294	U.S.A.	GBIF 2021	44.5394179990569	-84.872087
1295	U.S.A.	GBIF 2021	44.5588028	-72.5778415
1296	U.S.A.	GBIF 2021	44.56652	-72.9418
1297	U.S.A.	GBIF 2021	44.567888	-86.019086
1298	U.S.A.	GBIF 2021	44.61336	-73.21421
1299	U.S.A.	GBIF 2021	44.63577	-73.30064
1300	U.S.A.	GBIF 2021	44.64373	-72.72161
1301	U.S.A.	GBIF 2021	44.6524316	-84.6897495
1302	U.S.A.	GBIF 2021	44.65409	-72.96196
1303	U.S.A.	GBIF 2021	44.65454	-72.90894
1304	U.S.A.	GBIF 2021	44.66898	-72.99669
1305	U.S.A.	GBIF 2021	44.678277	-86.2970998
1306	U.S.A.	GBIF 2021	44.6863833	-85.5568861
1307	U.S.A.	GBIF 2021	44.6870073	-85.3294831
1308	U.S.A.	GBIF 2021	44.68776	-73.29413



1309	U.S.A.	GBIF 2021	44.7111	-72.36617
1310	U.S.A.	GBIF 2021	44.7139364	-84.7011188
1311	U.S.A.	GBIF 2021	44.7156622	-85.5574369
1312	U.S.A.	GBIF 2021	44.71882	-72.51646
1313	U.S.A.	GBIF 2021	44.7214301	-73.7237528
1314	U.S.A.	GBIF 2021	44.7440729990568	-85.424528
1315	U.S.A.	GBIF 2021	44.748611	-84.633333
1316	U.S.A.	GBIF 2021	44.76450599905678	-84.26343
1317	U.S.A.	GBIF 2021	44.7645059990568	-84.26343
1318	U.S.A.	GBIF 2021	44.77316	-72.80883
1319	U.S.A.	GBIF 2021	44.78578599905679	-85.992548
1320	U.S.A.	GBIF 2021	44.7857859990568	-85.992548
1321	U.S.A.	GBIF 2021	44.847913	-83.345955
1322	U.S.A.	GBIF 2021	44.8551	-73.08086
1323	U.S.A.	GBIF 2021	44.86454	-73.26442
1324	U.S.A.	GBIF 2021	44.87568	-73.32529
1325	U.S.A.	GBIF 2021	44.88568	-73.28427
1326	U.S.A.	GBIF 2021	44.90088	-72.9725
1327	U.S.A.	GBIF 2021	44.90447	-72.67436
1328	U.S.A.	GBIF 2021	44.91796	-85.103202
1329	U.S.A.	GBIF 2021	44.9592231	-70.1539542
1330	U.S.A.	GBIF 2021	45.0511571	-71.3914688
1331	U.S.A.	GBIF 2021	45.0521793	-84.485094
1332	U.S.A.	GBIF 2021	45.0742794	-84.1403141
1333	U.S.A.	GBIF 2021	45.0821226	-85.0733634
1334	U.S.A.	GBIF 2021	45.1072257	-85.3500727
1335	U.S.A.	GBIF 2021	45.14143399905678	-85.375467
1336	U.S.A.	GBIF 2021	45.1414339990568	-85.375467
1337	U.S.A.	GBIF 2021	45.1639639990568	-84.178205
1338	U.S.A.	GBIF 2021	45.2009999990568	-85.08026
1339	U.S.A.	GBIF 2021	45.200999999056805	-85.08026
1340	U.S.A.	GBIF 2021	45.2203039990568	-84.361401
1341	U.S.A.	GBIF 2021	45.22030399905681	-84.361401
1342	U.S.A.	GBIF 2021	45.220304	-84.361401
1343	U.S.A.	GBIF 2021	45.253783	-69.4454689
1344	U.S.A.	GBIF 2021	45.2819607	-83.4658332
1345	U.S.A.	GBIF 2021	45.3040825	-83.478521
1346	U.S.A.	GBIF 2021	45.3180632	-85.2584004
1347	U.S.A.	GBIF 2021	45.5370436	-84.3786623
1348	U.S.A.	GBIF 2021	45.595361999057	-84.346471
1349	U.S.A.	GBIF 2021	45.595361999057005	-84.34647100000001

1350	U.S.A.	GBIF 2021	45.6469563	-84.4744795
1351	U.S.A.	GBIF 2021	45.7832856	-108.5006904
1352	U.S.A.	GBIF 2021	45.8683129	-84.6275658
1353	U.S.A.	GBIF 2021	45.998939	-85.009401
1354	U.S.A.	GBIF 2021	46.328183	-84.529364
1355	U.S.A.	GBIF 2021	46.3483626	-94.2686378
1356	U.S.A.	GBIF 2021	46.3825449990579	-85.992962
1357	U.S.A.	GBIF 2021	46.38254499905794	-85.992962
1358	U.S.A.	GBIF 2021	46.3957881	-84.3971111
1359	U.S.A.	GBIF 2021	46.4877376	-84.3971717
1360	U.S.A.	GBIF 2021	46.497017	-85.569613
1361	U.S.A.	GBIF 2021	46.5330129	-93.7102493
1362	U.S.A.	GBIF 2021	46.5475825	-87.3955954
1363	U.S.A.	GBIF 2021	46.591366	-88.881962
1364	U.S.A.	GBIF 2021	46.7217735	-92.4611825
1365	U.S.A.	GBIF 2021	46.986154	-68.031693
1366	U.S.A.	GBIF 2021	47.1163463	-88.5625509
1367	U.S.A.	GBIF 2021	47.2171841	-95.2048162
1368	U.S.A.	GBIF 2021	48.216686	-101.540535
1369	United Kingdom	Inward 2020	50.880000	-1.830000
1370	United Kingdom	Inward 2020	50.920000	-1.630000
1371	United Kingdom	Inward 2020	50.930000	-1.650000
1372	United Kingdom	Inward 2020	51.130000	-1.030000
1373	United Kingdom	Inward 2020	51.330000	-0.890000
1374	United Kingdom	Inward 2020	51.390000	-1.610000
1375	United Kingdom	Inward 2020	53.470000	-0.740000
1376	Poland	Mazur et al. 2018	50.4553	16.2779
1377	Poland	Mazur et al. 2018	50.7245	15.8407
1378	Poland	Mazur et al. 2018	50.7498	15.8755
1379	Poland	Mazur et al. 2018	50.7602	15.9364
1380	Poland	Mazur et al. 2018	50.7979	15.5880
1381	Poland	Mazur et al. 2018	50.7993	15.9990
1382	Poland	Mazur et al. 2018	50.9988	15.2161
1383	Poland	Mazur et al. 2018	51.2444	15.1633
1384	Poland	Mazur et al. 2018	51.2813	15.1007
1385	Poland	Mazur et al. 2018	51.2857	15.2859
1386	Poland	Mazur et al. 2018	51.3022	15.319400
1387	Poland	Mazur et al. 2018	51.3401	15.2667
1388	Poland	Mazur et al. 2018	51.3441	15.1082
1389	Poland	Mazur et al. 2018	51.3456	15.1362
1390	Poland	Mazur et al. 2018	51.4192	15.1647

1391	Poland	in this study	50.089092	15.300938
1392	Poland	in this study	50.6777793997222	16.0355454
1393	Poland	in this study	50.6778441	16.0356306997222
1394	Poland	in this study	50.6778638997222	16.0356349
1395	Poland	in this study	50.70764	16.026342
1396	Poland	in this study	50.7276	16.0213
1397	Poland	in this study	50.729638	16.033111
1398	Poland	in this study	50.7340318997222	16.033794
1399	Poland	in this study	50.7340500997222	16.0338017997222
1400	Poland	in this study	50.7341131	16.0338178
1401	Poland	in this study	50.7371	16.0475
1402	Poland	in this study	50.7379336997222	16.0455554997222
1403	Poland	in this study	50.7379338	16.0455556
1404	Poland	in this study	50.738129	16.0456871997222
1405	Poland	in this study	50.7381409997222	16.0458187997222
1406	Poland	in this study	50.7383333333333	16.0458333333333
1407	Poland	in this study	50.7383558	16.0457475997222
1408	Poland	in this study	50.7383614	16.0457606
1409	Poland	in this study	50.7383805997222	16.0457779
1410	Poland	in this study	50.7383872997222	16.0458056
1411	Poland	in this study	50.7383887	16.0457762997222
1412	Poland	in this study	50.747692	15.854125
1413	Poland	in this study	50.7477777777778	15.8538888888889
1414	Poland	in this study	50.7477777777778	15.8541666666667
1415	Poland	in this study	50.7736337997222	15.9521457
1416	Poland	in this study	50.8183256	15.9731869997222
1417	Poland	in this study	50.8183365	15.9731869997222
1418	Poland	in this study	50.8183411997222	15.9731039997222
1419	Poland	in this study	50.8183428997222	15.9731769
1420	Poland	in this study	50.8183452997222	15.9731942997222
1421	Poland	in this study	50.8183454997222	15.9731854997222
1422	Poland	in this study	50.8183494997222	15.9731270997222
1423	Poland	in this study	50.8183566	15.9730896997222
1424	Poland	in this study	50.8213	15.9814
1425	Poland	in this study	50.823709937	16.067893416
1426	Poland	in this study	50.827076	16.06773
1427	Poland	in this study	50.827914	16.075053
1428	Poland	in this study	50.8724	15.8913
1429	Poland	in this study	51.0150	16.0239
1430	Poland	in this study	51.0771	15.9184
1431	Poland	in this study	51.0894	15.2552

1432	Poland	in this study	51.1051	15.4597
1433	Poland	in this study	51.1688	15.8174
1434	Poland	in this study	51.1792	15.5889
1435	Poland	in this study	51.2437	15.1710
1436	Poland	in this study	51.284122	15.288606
1437	Poland	in this study	51.2841666666667	15.2886111111111
1438	Poland	in this study	51.2963888888889	15.1833333333333
1439	Poland	in this study	51.2966666666667	15.1830555555556
1440	Poland	in this study	51.2966666666667	15.1833333333333
1441	Poland	in this study	51.2966666666667	15.1836111111111
1442	Poland	in this study	51.296767	15.182936
1443	Poland	in this study	51.2969444444444	15.1836111111111
1444	Poland	Szołtys et al. 2019	50.223927	18.888094
1445	Poland	Szołtys et al. 2019	50.237763	18.886732
1446	Poland	Szołtys et al. 2019	50.239685	18.928138
1447	Poland	Szołtys et al. 2019	51.5010	15.9557
1448	Poland	Szołtys et al. 2019	51.501700	15.955800

### Direct sources of the data used in modelling

- Atkinson, T.H. Bark and Ambrosia Beetles. Available online: [https://www.barkbeetles.info/regional\\_chklist\\_target\\_species.php?lookUp=3080#table](https://www.barkbeetles.info/regional_chklist_target_species.php?lookUp=3080#table) (accessed on 23 November 2018).
- Bernabo, E. Osservazione sulla presenza in Italia di *Xylosandrus germanus* (Blandford, 1894) e *Gnathotrichus materiarius* (Fitch, 1858)(Coleoptera: Scolytidae). Riv. Piemont. Di Stor. Nat. 2000, 21, 255–262.
- Bleich, O.; Gürlich, S.; Köhler, F. Verzeichnis und Verbreitungsatlas der Käfer Deutschlands. Available online: <http://www.coleoweb.de/> (accessed on 19 June 2019).
- GBIF. GBIF Occurrence download for *Gnathotrichus materiarius* Fitch. Retrieved from Global Biodiversity Information Facility. Available online: <https://doi.org/10.15468/dl.3yenre> (accessed on 2 February 2021).
- Inward, D.J.G. Three new species of ambrosia beetles established in Great Britain illustrate unresolved risks from imported wood. J. Pest Sci. 2020, 93, 117–126, <https://doi.org/10.1007/s10340-019-01137-1>.
- Mazur, A.; Witkowski, R.; Góral, J.; Rogowski, G. Occurrence of *Gnathotrichus materiarius* (Fitch, 1858) (Coleoptera, Curculionidae, Scolytinae) in South-Western Poland. Folia For. Pol. 2018, 60, 154–160, <https://doi.org/10.2478/ffp-2018-0015>.

Witkowski, R.; Góral, J.; Nowik, K.; Rogowski, G.; Skąlecka, K.; Mazur, A. *Gnathotrichus materiarius* (Fitch, 1858) (Coleoptera: Curculionidae, Scolytinae) new species of beetle in the Polish fauna. *Acta Sci. Pol. Silv. Colendar. Ratio Ind. Lignar.* 2016, 15, 43–47, <https://doi.org/10.17306/J.AFW.2016.1.6>.

### Sources included in used datasets

Atkinson, T.H.; Rabaglia, R.J.; Peck, S.B.; Foltz, J.L. New records of Scolytidae and Platypodidae (Coleoptera) from the United States and the Bahamas. *The Coleopterists' Bull.* **1991**, 45(2), 152–164.

Coyle, D.R.; Booth, D.C.; Wallace, M.S. Ambrosia beetle (Coleoptera: Scolytidae) species, flight, and attack on living eastern cottonwood trees. *J. Econ. Ent.* **2005**, 98(6), 2049–2057.

Dodge, H.R. The bark beetles of Minnesota (Coleoptera: Scolytidae). *Univ. Minn. Agric. Exp. Sta. Tech. Bull.* **1938**, 132, 1–66.

Goldarazena, A.; Bright, D.E.; Hishinuma, S.M.; López, S.; Seybold, S.J. First record of *Pityophthorus solus* (Blackman, 1928) in Europe. *EPPO Bull.* **2014**, 44(1), 65–69.

Helm, C.; Molano-Flores, B. New records of native and non-native bark and ambrosia beetles (Coleoptera: Curculionidae: Scolytinae) in Illinois. *Great Lakes Entomol.* **2015**, 48(3), 137–149.

Hines, J.W.; Heikkinen, H.J. Beetles attracted to severed Virginia pine (*Pinus virginiana* Mill.). *Environ. Entomol.* **1977**, 6(1), 123–127.

LaBonte, J.R.; Mudge, A.D.; Johnson, K.J.R. Nonindigenous woodboring Coleoptera (Cerambycidae, Curculionidae: Scolytinae) new to Oregon and Washington, 1999–2002: consequences of the intracontinental movement of raw wood products and solid wood packing materials. *Proc. Ent. Soc. Wash.* 2005, 107(3), 554–564.

Mudge, A.D.; LaBonte, J.R.; Johnson, K.J.R.; LaGasa, E.H. Exotic woodboring Coleoptera (Micromalthidae, Scolytidae) and Hymenoptera (Xiphydriidae) new to Oregon and Washington. *Proc. Ent. Soc. Wash.*, **2001**, 103(4), 1011–1019.

Oliver, J.B.; Mannion, C.M. Ambrosia beetle (Coleoptera: Scolytidae) species attacking chestnut and captured in ethanol-baited traps in middle Tennessee. *Environ. Entomol.*, **2001**, 30(5), 909–918.

- Rabaglia, R.J.; Valenti, M.A. Annotated list of the bark and ambrosia beetles (Coleoptera: Scolytidae) of Delaware, with new distribution records. *Proc. Entomol. Soc. Wash.* **2003**, *105*(2), 312–319.
- Reed, S.E.; Muzika, R.M. The influence of forest stand and site characteristics on the composition of exotic dominated ambrosia beetle communities (Coleoptera: Curculionidae: Scolytinae). *Environ. Entomol.* **2010**, *39*(5), 1482–1491.
- Roeper, R.A.; Hazen, C.R.; Helsel, D.K.; Bunce, M.A. Studies on Michigan ambrosia fungi. *Michigan Bot.* **1980**, *19*, 69–73.
- Weber, B.C.; MacPherson, J.E. Seasonal Flight Patterns Of Scolytidae (Coleoptera) In Black-Walnut Plantations In North-Carolina And Illinois. *Coleopterists Bull.* **1991**, *45*(1): 4556.
- Wood, S.L. The bark and ambrosia beetles of North and Central America (Coleoptera: Scolytidae), a taxonomic monograph. Great Basin Nat. Mem. 6, Brigham Young University, Provo, Utah, USA, 1982; pp. 1–1356.
- Wood, S.L.; Bright, D.E. A catalog of Scolytidae and Platypodidae (Coleoptera), Part 2. Taxonomic Index (Volumes A, B). Great Basin Nat. Mem. 13, Brigham Young University, Provo, Utah, USA, 1992; pp. 1–1553.