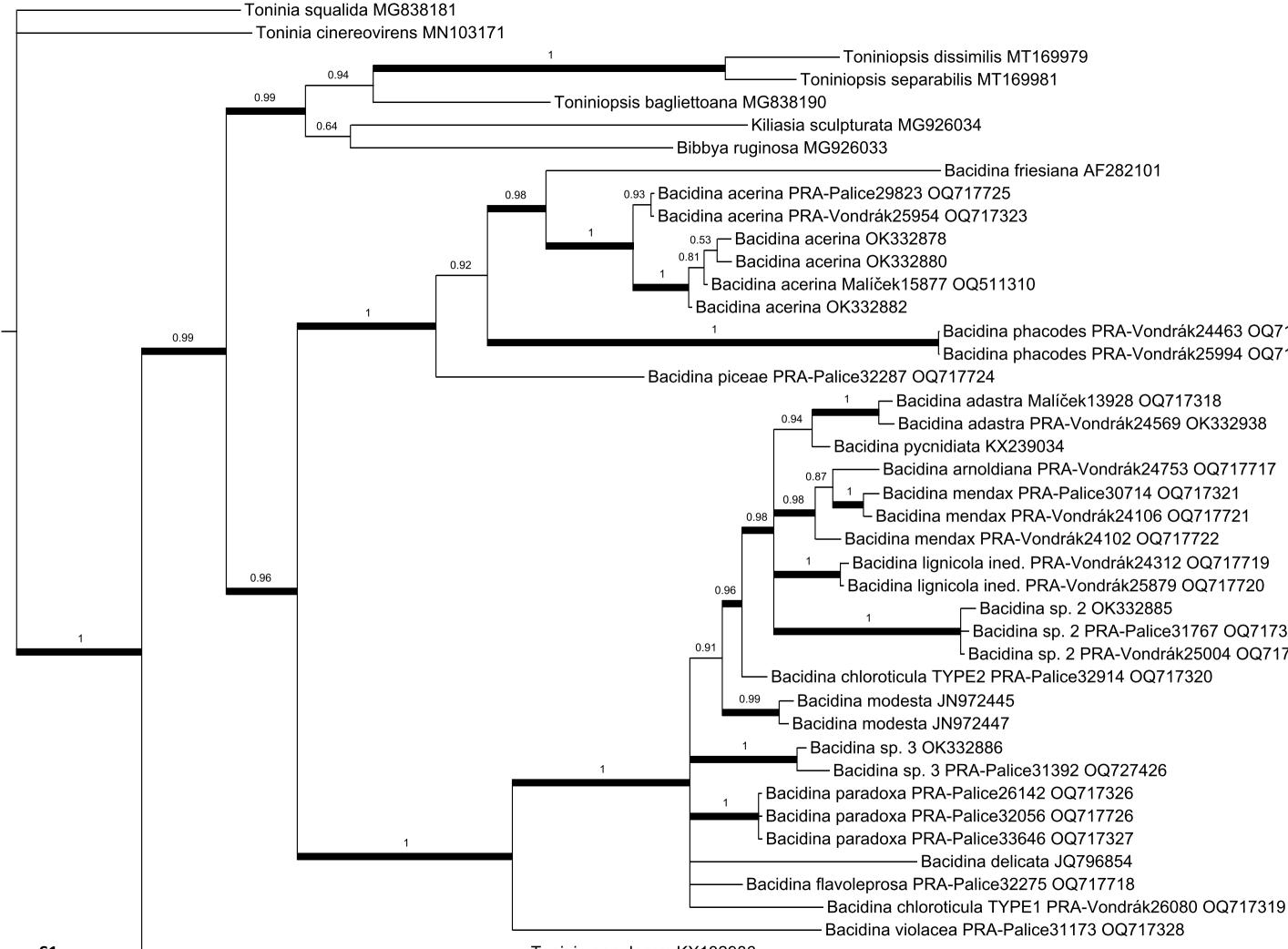**Vondrák J., Svoboda S., Košnar J., Malíček J., Šoun J., Frolov I., Svensson M., Novotný P. & Palice Z. (2023) Martin7: a reference database of DNA barcodes for European epiphytic lichens and its taxonomic implications. – Preslia 95: 311–345.**

Supplementary Fig. S1. ITS tree with *Bacidina acerina* and *B. paradoxa*. GTRG model with gamma distribution was used as a model of sequence evolution. Trees were constructed using Bayesian inference run for 287,000 generations.

Toninia squalida MG838181
Toninia cinereovirens MN103171
1 Toniniopsis dissimilis MT169979
0.94 Toniniopsis separabilis MT169981
0.99 Toniniopsis bagliettoana MG838190
0.64 Kiliasia sculpturata MG926034
Bibbya ruginosa MG926033
Bacidina friesiana AF282101
0.98 0.93 Bacidina acerina PRA-Palice29823 OQ717725
Bacidina acerina PRA-Vondrák25954 OQ717323
1 0.53 Bacidina acerina OK332878
0.92 0.81 Bacidina acerina OK332880
1 Bacidina acerina Malíček15877 OQ511310
Bacidina acerina OK332882
1 1 Bacidina phacodes PRA-Vondrák24463 OQ717723
Bacidina phacodes PRA-Vondrák25994 OQ717322
Bacidina piceae PRA-Palice32287 OQ717724
0.99 1 Bacidina adastra Malíček13928 OQ717318
0.94 Bacidina adastra PRA-Vondrák24569 OK332938
Bacidina pycnidiata KX239034
0.87 Bacidina arnoldiana PRA-Vondrák24753 OQ717717
0.98 1 Bacidina mendax PRA-Palice30714 OQ717321
0.98 Bacidina mendax PRA-Vondrák24106 OQ717721
0.96 Bacidina mendax PRA-Vondrák24102 OQ717722
1 Bacidina lignicola ined. PRA-Vondrák24312 OQ717719
0.96 Bacidina lignicola ined. PRA-Vondrák25879 OQ717720
1 Bacidina sp. 2 OK332885
1 Bacidina sp. 2 PRA-Palice31767 OQ717325
0.91 Bacidina sp. 2 PRA-Vondrák25004 OQ717324
Bacidina chloroticula TYPE2 PRA-Palice32914 OQ717320
0.99 Bacidina modesta JN972445
Bacidina modesta JN972447
1 Bacidina sp. 3 OK332886
1 Bacidina sp. 3 PRA-Palice31392 OQ727426
Bacidina paradoxa PRA-Palice26142 OQ717326
1 Bacidina paradoxa PRA-Palice32056 OQ717726
Bacidina paradoxa PRA-Palice33646 OQ717327
Bacidina delicata JQ796854
Bacidina flavoleprosa PRA-Palice32275 OQ717718
Bacidina chloroticula TYPE1 PRA-Vondrák26080 OQ717319
Bacidina violacea PRA-Palice31173 OQ717328
Toninia populorum KX132986

S1