

Table S1. Table of the OTUs found in the bark samples taken from individual tree taxa and their pH ranges. Community structure of corticolous microalgae within a single forest stand: evaluating the effects of bark surface pH and tree species.

OTU	spruce	alder	beech	maple	ash	pH range
<i>Apatococcus lobatus</i>	•	•	•	•	•	3.2–5.1
Bacillariophyceae, unidentified pennate species				•		5.6
<i>Botrydiopsis constricta</i>				•		5.6
<i>Coccomyxa</i> sp. 1	•		•	•		3.4–3.9
<i>Coccomyxa</i> sp. 2	•	•	•	•	•	3.5–5.1
<i>Coccomyxa</i> sp. 3			•			3.9
<i>Coleochlamys</i> sp.					•	4.5
Cyanobacteria, unidentified filamentous species			•			4.1
<i>Dictyochloropsis irregularis</i>		•	•	•	•	3.6–4.6
<i>Dictyochloropsis reticulata</i>		•	•	•	•	3.2–5.6
<i>Dictyochloropsis splendida</i>			•	•		3.9–5.6
<i>Diplosphaera chodatii</i>	•		•	•	•	3.8–5.6
<i>Desmococcus</i> sp.			•	•		3.8–5.6
<i>Chlorella</i> sp. 1			•			3.9
<i>Chlorella</i> sp. 2			•	•		3.9–4.7
<i>Chlorella vulgaris</i> “clade”		•	•	•		3.6–4.4
<i>Chloroidium angusto-ellipsoideum</i>	•		•	•		3.4–3.9
<i>Chloroidium ellipsoideum</i>	•	•	•	•	•	3.4–4.7
<i>Chloroidium saccharophilum</i>	•		•	•	•	3.4–4.6
<i>Chlorokybus</i> sp.					•	4.6–4.7
Chlorophyta, unidentified coccoid species		•	•	•	•	3.8–4.7
<i>Elliptochloris bilobata</i>			•	•		3.9
Eustigmatophyceae, unidentified coccoid species				•		3.8
<i>Hantzschia amphioxys</i>				•		5.6
<i>Interfilum terricolum</i>		•	•	•	•	3.7–5.6
<i>Interfilum massjukiae</i>			•		•	4.1–4.7
<i>Klebsormidium</i> cf. <i>flaccidum</i>		•	•	•	•	3.8–5.6
<i>Leptosira</i> sp.					•	4.6–5.1
<i>Lobosphaera</i> cf. <i>tirolensis</i>				•		4.7–5.6
<i>Luticola mutica</i>				•		4.7
<i>Myrmecia</i> sp. 1		•	•	•	•	3.3–5.6
<i>Myrmecia</i> sp. 2		•	•	•		3.8–4.7
<i>Myrmecia</i> sp. 3				•		4.7–5.6
<i>Myrmecia</i> sp. 4				•		5.6
<i>Nostoc</i> sp.				•		5.6
<i>Pseudanabaena</i> sp.				•		5.6
<i>Pseudococcomyxa</i> sp.	•	•	•	•	•	3.2–5.6
Radiococcaceae 1, unidentified coccoid species		•	•	•	•	3.2–4.7
Radiococcaceae 2, unidentified coccoid species		•				4.1
Radiococcaceae 3, unidentified coccoid species				•		4.3
<i>Stichococcus bacillaris</i>	•	•	•	•	•	3.2–5.6
<i>Stichococcus</i> cf. <i>minutus</i>				•		4.7
<i>Tetracystis</i> sp.	•					3.3
<i>Trebouxia/Asterochloris</i> sp.	•	•	•	•		3.4–5.6
<i>Trentepohlia</i> sp.			•	•	•	3.8–4.5
<i>Watanabea reniformis</i>			•			4.1
<i>Xanthonema</i> sp.			•		•	3.9–4.5

