

Supplementary Table 1. List of taxa used in the present study, including information about its origin, voucher (herbarium) information and GenBank accession numbers.

The list includes the three species for which new sequences were amplified (*F. cafferaria*, *F. longistipula* and *F. sergiae*), and the outgroup species used for the analysis.

Herbarium acronyms follow Holmgren et al. (1990). **Reference:** Holmgren, P. K., Holmgren, N. H., & Barnett, L. C. (1990). *Index Herbariorum. Part I: The Herbaria of the World* (8th ed.). New York, NY: New York Botanical Garden.

Taxon	Origin	Voucher (Herbarium)	GenBank Acc. Nos.			
			<i>rbcL</i>	<i>trnL-trnF</i>	nrITS-2	<i>psbA</i>
<i>Frullania aculeata</i> Taylor	Ecuador	Gradstein, 10178 (GOET)	FJ380864	FJ380388	FJ380537	FJ380698
<i>Frullania acutiloba</i> Mitt.	India	Schäfer-Verwimp & Verwimp, 28265 (GOET)	FJ380733	FJ380257	FJ380421	FJ380572
<i>Frullania allanii</i> E.A. Hodgs.	Australia	Streimann, 27697 (JE)	FJ380732	FJ380256	FJ380420	FJ380571
<i>Frullania amplicrania</i> Steph.	Japan	Ohnishi, 5840 (HIRO)	FJ380760	FJ380285	FJ380447	FJ380599
<i>Frullania ampullifera</i> J.B. Jack & Steph.	Fiji Islands	Pócs & Pócs, 03308/A (GOET)	FJ380722	FJ380246	FJ380411	FJ380561
<i>Frullania anderssonii</i> Ångstr.	La Réunion	Szabo, 9415/G (GOET)	FJ380719	FJ380243	FJ380408	FJ380558
<i>Frullania angulata</i> Mitt.	Kenya	Pócs & Pócs, 04026/F (GOET)	FJ380869	FJ380393	FJ380542	FJ380703
<i>Frullania anomala</i> E.A. Hodgs.	New Zealand	Engel & von Konrat, 27319 (GOET)	FJ380772	FJ380297	FJ380457	FJ380611
<i>Frullania apicalis</i> Mitt.	La Réunion	Pócs, 9418/F (GOET)	FJ380861	FJ380385	FJ380534	FJ380695
<i>Frullania apiculata</i> (Reinw. et al.) Nees	Fiji Islands	Pócs & Pócs, 03309/AJ (GOET)	FJ380847	FJ380371	FJ380523	FJ380681
<i>Frullania appalachiana</i> R. M. Schust.	USA	Davison 7888 (UNA)	--	HQ330418	HQ330382	--
<i>Frullania arecae</i> (Spreng.) Gottsche	Ecuador	Sauer & Gradstein, MS-E 030 (GOET)	FJ380789	FJ380313	FJ380473	FJ380626
<i>Frullania armitiana</i> Steph.	Papua New Guinea	De Sloover, 42.754 (GOET)	FJ380842	FJ380366	--	FJ380676
<i>Frullania asagrayana</i> (Mont.) S. Hatt.	USA	Davison, 6912 (UNA)	FJ380822	FJ380344	FJ380498	FJ380657
<i>Frullania aterrima</i> (Hook.f. & Taylor) Hook.f. & Taylor ex Gottsche et al.	New Zealand	Engel & von Konrat, 26974 (GOET)	FJ380846	FJ380370	FJ380522	FJ380680
<i>Frullania atrata</i> (Sw.) Nees	Brazil	Costa & Gradstein, 3859 (GOET)	FJ380853	FJ380377	FJ380527	FJ380687
<i>Frullania azorica</i> Sim-Sim, Sérgio, Mues & Kraut	Madeira	Schäfer-Verwimp & Verwimp, 25896 (GOET)	FJ380747	FJ380272	FJ380436	FJ380586
<i>Frullania baladina</i> Gottsche ex Steph.	Fiji Islands	Pócs & Pócs, 03259/N (GOET)	FJ380768	FJ380293	FJ380454	FJ380607
<i>Frullania berthoumieuui</i> Steph.	Thailand	Schäfer-Verwimp & Verwimp, 16155 (GOET)	FJ380724	FJ380248	FJ380413	FJ380563
<i>Frullania bolanderi</i> Austin	Russia	Bakalin, Hepaticae Rossicae Exsiccatae 5 (GOET)	FJ380837	FJ380361	FJ380514	FJ380671
<i>Frullania brasiliensis</i> Raddi	Bolivia	Lozano & Mogro, 175 (GOET)	FJ380865	FJ380389	FJ380538	FJ380699
<i>Frullania brittoniae</i> A. Evans	USA	Davison & Kauffman, 5334 (GOET)	FJ380753	FJ380278	FJ380442	FJ380592
<i>Frullania cafferaria</i> Steph.	São Tomé and Príncipe	Garcia, 257412 (LISU)	KU310978	KU310984	KU310981	--
<i>Frullania calcarifera</i> Steph.	Greece	Düll 1a (JE)	--	HM167682	HM167534	--
<i>Frullania californica</i> (Underw.) A. Evans	USA	Shevock, 29932 (GOET)	FJ380823	FJ380345	FJ380499	FJ380658
<i>Frullania chevalieri</i> (R.M. Schust.) R.M. Schust.	New Zealand	Engel & von Konrat, 27732a (GOET)	FJ380778	--	--	FJ380616

<i>Frullania congesta</i> (Hook.f. & Taylor) Hook.f. & Taylor ex Gottsche et al.	New Zealand	von Konrat, 98/429 (GOET)	FJ380808	FJ380331	FJ380485	FJ380645
<i>Frullania cuencensis</i> Taylor	Argentina	Drehwald, S 221 (GOET)	FJ380799	FJ380322	FJ380480	FJ380636
<i>Frullania davurica</i> Hampe	Russia	Gambaryan, VLA-h-764 (GOET)	FJ380755	FJ380280	FJ380444	FJ380594
<i>Frullania deplanata</i> Mitt.	New Zealand	Schäfer-Verwimp & Verwimp, 13813 (GOET)	FJ380729	FJ380253	FJ380417	FJ380568
<i>Frullania depressa</i> Mitt.	Kenya	Pócs et al., 9217/D (GOET)	FJ380797	FJ380321	FJ380479	FJ380634
<i>Frullania dilatata</i> (L.) Dumort.	Bulgaria	Hentschel, Bryo 0758 (GOET)	AM384881	FJ380270	FJ380434	AM396285
<i>Frullania diptera</i> (Lehm.) Drége	Kenya	Pócs & Pócs, 04026/G (GOET)	FJ380731	FJ380255	FJ380419	FJ380570
<i>Frullania duthiana</i> Steph.	Bhutan	Miehe & Miehe, 00-132-21 (GOET)	FJ380754	FJ380279	FJ380443	FJ380593
<i>Frullania eboracensis</i> Gottsche	USA	Davison, 5193 (GOET)	FJ380748	FJ380273	FJ380437	FJ380587
<i>Frullania echinantha</i> S. Hatt.	Papua New Guinea	De Sloover, 42.904 (GOET)	FJ380725	FJ380249	FJ380414	FJ380564
<i>Frullania ecklonii</i> (Spreng.) Spreng.	Ecuador	Nöske, 1705 (GOET)	FJ380785	FJ380309	FJ380469	FJ380623
<i>Frullania ericoides</i> (Nees) Mont.	Australia	Streimann, 48697 (JE)	FJ380714	FJ380238	FJ380403	FJ380553
<i>Frullania eymae</i> S. Hatt.	Sulawesi	Abrahamczyk, Bryo 02985 (GOET)	FJ380723	FJ380247	FJ380412	FJ380562
<i>Frullania falciloba</i> Taylor ex Lehm.	New Zealand	Frahm, s.n. (GOET)	FJ380705	FJ380229	FJ380395	FJ380544
<i>Frullania fengyangshanensis</i> R.L. Zhu & M.L. So	China	Zhu, 961118 (JE)	FJ380757	FJ380282	--	FJ380596
<i>Frullania ferdinandi-muelleri</i> Steph.	Australia	Pócs & Streimann, 99128/B (GOET)	FJ380737	FJ380261	FJ380425	FJ380576
<i>Frullania fragilifolia</i> (Taylor) Gottsche et al.	Germany	Düll, s.n. (JE)	FJ380833	FJ380357	FJ380511	FJ380667
<i>Frullania franciscana</i> M. Howe	USA	Tucker, 34867 (GOET)	FJ380829	FJ380352	FJ380506	--
<i>Frullania fugax</i> (Hook.f. & Taylor) Hook.f. & Taylor ex Gottsche et al.	New Zealand	Engel & von Konrat, 24698 (GOET)	FJ380770	FJ380295	FJ380455	FJ380609
<i>Frullania cf. fulfordiae</i> S. Hatt.	Australia	Pócs & Pócs, 01048/N (GOET)	FJ380767	FJ380292	FJ380453	FJ380606
<i>Frullania fuscovirens</i> var. <i>gemmipara</i> (R.M. Schust. & S. Hatt.) S. Hatt. & P.J. Lin.	China	Koponen, 45098 (JE)	FJ380751	FJ380276	FJ380440	FJ380590
<i>Frullania gaudichaudii</i> (Nees & Mont.) Nees & Mont.	Fiji Island	Pócs & Pócs, 03282/W (GOET)	FJ380831	FJ380355	FJ380509	FJ380665
<i>Frullania gibbosa</i> Nees	Bolivia	Gradstein, 7271 (GOET)	FJ380801	FJ380324	FJ380482	FJ380638
<i>Frullania glomerata</i> (Lehm. & Lindenb.) Nees & Mont.	Brazil	Costa & Gradstein, 3839 (GOET)	FJ380774	FJ380299	FJ380459	FJ380613
<i>Frullania gracilis</i> (Reinw. et al.) Gottsche et al.	Thailand	Schäfer-Verwimp & Verwimp, 16158 (GOET)	FJ380840	FJ380364	FJ380517	FJ380674
<i>Frullania grossiclava</i> Steph.	Madagascar	Geissler, 19675 (GOET)	FJ380821	FJ380343	FJ380497	FJ380656
<i>Frullania hamata</i> Steph.	Papua New Guinea	Bellamy, 1615 (JE)	FJ380815	FJ380337	FJ380492	FJ380651
<i>Frullania hattorii</i> Konrat & Braggins	New Zealand	Frahm, 22-1 (GOET)	FJ380844	FJ380368	FJ380520	FJ380678
<i>Frullania holostipula</i> S. Hatt. & D.G. Griffin	Venezuela	Pócs & Rico, 9736/CA (GOET)	FJ380790	FJ380314	FJ380474	FJ380627
<i>Frullania howeana</i> Steph.	Lord Howe Island	Brown & Leishman, 2000/38 (GOET)	FJ380720	FJ380244	FJ380409	FJ380559
<i>Frullania hypoleuca</i> Nees	Java	Lee & Indri, 100 (GOET)	FJ380802	FJ380325	FJ380483	FJ380639
<i>Frullania incumbens</i> Mitt.	New Zealand	De Lange, CH349 (GOET)	FJ380771	FJ380296	FJ380456	FJ380610
<i>Frullania inflata</i> Gottsche	Russia	Gambaryan, VLA-h-826 (GOET)	FJ380835	FJ380359	FJ380513	FJ380669
<i>Frullania intermedia</i> (Reinw. et al.) Gottsche et al.	Fiji Islands	Pócs & Pócs, 03281/L (GOET)	FJ380817	FJ380339	FJ380494	FJ380653
<i>Frullania intumescens</i> (Lehm. & Lindenb.) Lehm. & Lindenb.	Ecuador	Nöske, 310 (GOET)	FJ380856	FJ380380	FJ380529	FJ380690
<i>Frullania jackii</i> Gottsche	Switzerland	Urmi & Schäfer-Verwimp, 16328 (GOET)	FJ380756	FJ380281	FJ380445	FJ380595
<i>Frullania kunzei</i> (Lehm. & Lindenb.) Lehm. Lindenb.	Brazil	Costa & Gradstein, 3769 (GOET)	FJ380863	FJ380387	FJ380536	FJ380697
<i>Frullania lindenbergii</i> Lehm.	La Réunion	Pócs, 9422/D (GOET)	FJ380803	FJ380326	--	FJ380640
<i>Frullania lobulata</i> (Hook.) Hook. & Nees	Chile	Buck, 39518 (GOET)	FJ380781	FJ380305	FJ380465	FJ380619

<i>Frullania longistipula</i> Steph.	São Tomé and Príncipe	Garcia, 257411 (LISU)	KU310979	KU310985	KU310982	--
<i>Frullania magellanica</i> F. Weber & Nees	Chile	Engel, 25265 (GOET)	FJ380780	FJ380304	FJ380464	FJ380618
<i>Frullania meyeniana</i> Lindenb.	Fiji Islands	Pócs & Pócs, 03289/B (GOET)	FJ380859	FJ380383	FJ380532	FJ380693
<i>Frullania microcaulis</i> Gola	Chile	Engel, 25351 (GOET)	FJ380782	FJ380306	FJ380466	FJ380620
<i>Frullania microphylla</i> (Gottsche) Pearson	Tenerife	Eckstein, 2287 (GOET)	FJ380834	FJ380358	FJ380512	FJ380668
<i>Frullania mirabilis</i> J.B. Jack & Steph.	Ecuador	Gradstein & Mandl, 10129 (GOET)	FJ380851	FJ380375	FJ380526	FJ380685
<i>Frullania moniliata</i> (Reinw. et al.) Kamim.	India	Schäfer-Verwimp & Verwimp, 28061 (GOET)	FJ380828	FJ380351	FJ380505	FJ380663
<i>Frullania monocera</i> (Hook.f. & Taylor) Hook.f. & Taylor ex Gottsche et al.	New Zealand	von Konrat, 98/19 (GOET)	FJ380735	FJ380259	FJ380423	FJ380574
<i>Frullania moritziana</i> Lindenb. & Gottsche	Venezuela	Griffin & López F., PV-766 (GOET)	FJ380857	FJ380381	FJ380530	FJ380691
<i>Frullania multilacera</i> Steph.	Papua New Guinea	Koponen, 28259 (JE)	FJ380839	FJ380363	FJ380516	FJ380673
<i>Frullania nepalensis</i> (Spreng.) Lehm. & Lindenb.	Bhutan	Miehe & Miehe, 99-212-37 (GOET)	FJ380742	FJ380266	FJ380430	FJ380581
<i>Frullania aff. neurota</i> Taylor	Brazil	Costa & Gradstein, 3712 (GOET)	FJ380800	FJ380323	FJ380481	FJ380637
<i>Frullania nicholsonii</i> E.A. Hodgs.	New Zealand	von Konrat, 97/02a (GOET)	FJ380709	FJ380233	FJ380399	FJ380548
<i>Frullania nisquallensis</i> (Sull.) S. Hatt.	USA	Doyle, 11001 (GOET)	FJ380826	FJ380349	FJ380503	FJ380661
<i>Frullania nodulosa</i> (Reinw. et al.) Nees	Fiji Islands	Pócs & Pócs, 03261/A (GOET)	FJ380813	FJ380335	FJ380490	FJ380649
<i>Frullania novoguineensis</i> Schiffn.	Papua New Guinea	Bellamy, 1366 (JE)	FJ380818	FJ380340	--	--
<i>Frullania obcordata</i> (Lehm. & Lindenb.) Lehm. & Lindenb.	Brazil	Costa & Gradstein, 3713 (GOET)	FJ380804	FJ380327	--	FJ380641
<i>Frullania obscurifolia</i> Mitt.	Kenya	Pócs & Pócs, 04004/G (GOET)	FJ380765	FJ380290	FJ380451	FJ380604
<i>Frullania onraedtii</i> Vanden Berghen	La Réunion	Vojtko, 9427/AT (GOET)	FJ380860	FJ380384	FJ380533	FJ380694
<i>Frullania orientalis</i> Sande Lac.	Papua New Guinea	Norris, 60974 (JE)	FJ380738	FJ380262	FJ380426	FJ380577
<i>Frullania parhamii</i> R.M. Schust.	Fiji Islands	von Konrat, 6/14-27 (GOET)	FJ380779	FJ380303	FJ380463	FJ380617
<i>Frullania parvistipula</i> (Steph.) R.M. Schust.	Sicily	Eckstein, 4684 (GOET)	FJ380749	FJ380274	FJ380438	FJ380588
<i>Frullania patula</i> Mitt.	New Zealand	von Konrat, 98/43 (GOET)	FJ380728	FJ380252	FJ380416	FJ380567
<i>Frullania peruviana</i> Gottsche	Ecuador	Schäfer-Verwimp et al., 24356 (GOET)	FJ380870	FJ380394	FJ380543	FJ380704
<i>Frullania pittieri</i> Steph.	Panama	Salazar Allen et al., 9437 (GOET)	FJ380858	FJ380382	FJ380531	FJ380692
<i>Frullania plana</i> Sull.	USA	Davison, 4325 (GOET)	FJ380743	FJ380267	FJ380431	FJ380582
<i>Frullania pluricarinata</i> Gottsche	USA	Worthington, 32194 (GOET)	FJ380795	FJ380319	FJ380477	FJ380632
<i>Frullania polysticta</i> Lindenb.	Tenerife	Eckstein, 2283 (GOET)	FJ380825	FJ380347	FJ380501	FJ380660
<i>Frullania pychantha</i> Mont.	New Zealand	Engel & von Konrat, 24353 (GOET)	FJ380807	FJ380330	FJ380484	FJ380644
<i>Frullania purpurea</i> Steph.	Seychelles	Pócs, 9320/O (GOET)	FJ380838	FJ380362	FJ380515	FJ380672
<i>Frullania pycnantha</i> (Hook.f. & Taylor) Taylor ex Gottsche et al.	New Zealand	von Konrat, 98/276 (GOET)	FJ380717	FJ380241	FJ380406	FJ380556
<i>Frullania reflexistipula</i> Sande Lac.	Java	Lee & Indri, 97 (GOET)	FJ380734	FJ380258	FJ380422	FJ380573
<i>Frullania regularis</i> Schiffn.	Papua New Guinea	Streimann, 40657/a (JE)	FJ380819	FJ380341	FJ380495	FJ380654
<i>Frullania repandistipula</i> Sande Lac.	La Réunion	Vojtko, 9435/KC (GOET)	FJ380809	FJ380332	FJ380486	FJ380646
<i>Frullania reptans</i> Mitt.	New Zealand	Engel & von Konrat, 24974 (GOET)	FJ380763	FJ380288	FJ380450	FJ380602
<i>Frullania ringens</i> Spruce	Peru	Schäfer-Verwimp & Verwimp, 11862 (GOET)	FJ380786	FJ380310	FJ380470	--
<i>Frullania riojaneirensis</i> (Raddi) Ångstr.	Peninsular Malaysia	Schäfer-Verwimp & Verwimp, 18680 (GOET)	FJ380791	FJ380315	FJ380475	FJ380628
<i>Frullania riparia</i> Hampe ex Lehm.	USA	Worthington, 29965 (GOET)	FJ380759	FJ380284	FJ380446	FJ380598
<i>Frullania rostrata</i> (Hook.f. & Taylor) Hook.f. & Taylor ex Gottsche et al.	New Zealand	Engel & von Konrat, 27369 (GOET)	FJ380776	FJ380301	FJ380461	FJ380615

<i>Frullania scandens</i> Mont.	New Zealand	Braggins, 98/216/b (GOET)	FJ380730	FJ380254	FJ380418	FJ380569
<i>Frullania sergiae</i> Sim-Sim et al.	Portugal, Madeira	Sim-Sim, 257410 (LISU)	KU310980	KU310986	KU310983	--
<i>Frullania serrata</i> Gottsche	Sumatra	Schäfer-Verwimp & Verwimp, 25034 (GOET)	FJ380849	FJ380373	FJ380524	FJ380683
<i>Frullania sheana</i> S. Hatt.	Australia	Meagher, 1081 (GOET)	FJ380841	FJ380365	FJ380518	FJ380675
<i>Frullania solanderiana</i> Colenso	New Zealand	von Konrat, 99/431 (GOET)	FJ380775	FJ380300	FJ380460	FJ380614
<i>Frullania spathulistipa</i> Steph.	Australia	Streimann, 15344 (JE)	FJ380761	FJ380286	FJ380448	FJ380600
<i>Frullania sphaerocephala</i> Spruce	Ecuador	Gradstein, 10100 (GOET)	FJ380783	FJ380307	FJ380467	FJ380621
<i>Frullania spinifera</i> Taylor	New Zealand	von Konrat & Engel, 27017 (GOET)	FJ380721	FJ380245	FJ380410	FJ380560
<i>Frullania spinigastria</i> S. Hatt.	Australia	Pócs & Streimann, 99200/B (GOET)	FJ380727	FJ380251	FJ380415	FJ380566
<i>Frullania squarrosula</i> (Hook.f. & Taylor) Hook.f. & Taylor ex Gottsche et al.	New Zealand	von Konrat, 99/195 (GOET)	FJ380708	FJ380232	FJ380398	FJ380547
<i>Frullania subcaduca</i> S. Hatt.	Papua New Guinea	Norris, 62427 (JE)	FJ380758	FJ380283	--	FJ380597
<i>Frullania subdentata</i> Steph.	Papua New Guinea	Norris, 66625 (JE)	FJ380848	FJ380372	--	FJ380682
<i>Frullania subincumbens</i> S. Hatt.	Lord Howe Island	Brown, 2000/14 (GOET)	FJ380766	FJ380291	FJ380452	FJ380605
<i>Frullania subnigricaulis</i> var. <i>subtruncata</i> S. Hatt.	Papua New Guinea	Koponen, 28955 (JE)	FJ380726	FJ380250	--	FJ380565
<i>Frullania subrostrata</i> S. Hatt.	New Zealand	Engel & von Konrat, 27770-B (GOET)	FJ380843	FJ380367	FJ380519	FJ380677
<i>Frullania tamarisci</i> (L.) Dumort	Germany	Hentschel, Bryo 0733 (GOET)	AM384880	FJ380348	FJ380502	AM396284
<i>Frullania taradakensis</i> Steph.	Russia	Gambaryan, VLA-h-858 (GOET)	FJ380752	FJ380277	FJ380441	FJ380591
<i>Frullania teneriffae</i> (F. Weber) Nees	Ireland	Fischer & Fischer, Bryo 01330 (GOET)	AM384879	FJ380354	FJ380508	AM396283
<i>Frullania tetraptera</i> Nees & Mont.	Chile	Dierßen, s.n. (GOET)	FJ380796	FJ380320	FJ380478	FJ380633
<i>Frullania trinervis</i> (Lehm.) Drège	Uganda	Pócs & Lye, 97151/E (GOET)	FJ380811	FJ380333	FJ380488	FJ380647
<i>Frullania usambarana</i> Schiffn. ex Steph.	La Réunion	Pócs, 9415/L (GOET)	F-380820	FJ380342	FJ380496	FJ380655
<i>Frullania usamiensis</i> Steph.	Japan	Deguchi, 34977 (HIRO)	FJ380750	FJ380275	FJ380439	FJ380589
<i>Frullania virginica</i> Gottsche	USA	Hyatt s.n. (GOET)	--	HQ330447	HQ330416	--
<i>Frullania vitalii</i> Yuzawa & S. Hatt.	Brazil	Schäfer-Verwimp & Verwimp, 15063 (GOET)	FJ380850	FJ380374	FJ380525	FJ380684
<i>Frullania vittiana</i> S. Hatt.	Lord Howe Island	Brown, 2000/18 (GOET)	FJ380707	FJ380231	FJ380397	FJ380546
<i>Bryopteris filicina</i> (Sw.) Nees	Dominican Republic	Buck, 14736 (GOET)	AY550110	AY463549	AM237117	--
<i>Ceratolejeunea coarina</i> Gottsche	Brazil	Zartman, 1235.1 (DUKE)	AY608026	AY608122	--	AY607934
<i>Cheilolejeunea rigidula</i> (Mont.) R.M.Schust.	Suriname	Munoz, 98-62 (GOET)	DQ983668	DQ987453	DQ987353	EF011837
<i>Jubula bogotensis</i> Steph.	Mexico	Gradstein s.n. (GOET)	AY548100	DQ987388	DQ987273	EF011758
<i>Jubula hutchinsiae</i> (Hook.) Dumort.	Portugal	Drehwald, 3007 (GOET)	AY548101	DQ987380	DQ987260	EF011746
<i>Lejeunea cerina</i> (Lehm. & Lindeb.) Gottsche, Lindenb. & Nees	Ecuador	Wilson et al. 04-13 (GOET)	DQ983689	DQ987441	DQ987339	EF011820
<i>Mastigolejeunea auriculata</i> (Wilson) Schiffn.	Bolivia	Churchill, 21275 (GOET)	AY548070	DQ987385	DQ987268	AM396276
<i>Myriocolea irrorata</i> Spruce	Ecuador	Gradstein et al. 10033A (GOET)	AY548072	DQ238584	DQ987279	--
<i>Nipponolejeunea subalpina</i> (Horik.) S. Hatt.	Japan	Ohnishi, 5611 (HIRO)	AM392292	FJ380227	DQ987289	AM396290
<i>Nipponolejeunea pilifera</i> (Steph.) S. Hatt.	Japan	Higuchi, 41359	AY776304	AY776310	AY776307	--
<i>Spruceanthus thozetianus</i> (Gottsche & F.A. Müll.) B. Thiers & Gradst.	Australia	Pocs 01107/M (GOET)	AM384877	DQ987460	DQ987362	JN184455