Supplementary Materials



Figure S1. Collection locations of *Fomitiporia torreyae* (blue circle) and *Fomitiporia punctata* (orange circle) used in the Maxent analyses. Several collection locations of *F. torreyae* are not shown due to near overlap of blue circles. Regions are divided by red lines, and their names are shown.

Table S1. Latitude and longitude data of the collection locations of *Fomitiporia torreyae* and *Fomitiporia punctata* used in Maxent analyses.

Species	Location ID	Longitude	Latitude	Specimen No. (Isolate No.) [a]	GenBank Accession No. of ITS Region	Reference
Fomitiporia torreyae	1	140.903399	38.262995	TFM F-30021	-	Nakamura and Hattori (2020)
	2	140.888908	38.255341	TFM F-30029	-	Nakamura and Hattori (2020)
	3	140.861609	38.261627	TFM F-30024	-	Nakamura and Hattori (2020)
	4	140.558314	35.89126	-	-	Kaneko et al. (2013)
	5	140.377865	35.335597	-	-	Kaneko et al. (2013)
	6	140.371297	35.64067	(FFPRI421026)	LC651671[b]	In this study
	7	140.287638	36.240394	TFM F-30014	-	Nakamura and Hattori (2020)
	8	140.216778	36.187525	TFM F-30034	-	Nakamura and Hattori (2020)
	9	140.214458	36.18636	(FFPRI421024)	LC651669[b]	In this study
	10	140.162627	36.081458	TFM F-30004	-	Nakamura and Hattori (2020)
	11	140.154424	35.156533	TFM F-14965 (WD199)	AB777685 AB777686	Ota et al. (2014)
	12	140.14161	35.686177	-	-	Kaneko et al. (2013)
	13	140.131429	35.603628	TFM F-30009	-	Nakamura and Hattori (2020)
	14	140.125488	36.007225	TFM F-30077 (FFPRI421025)	LC651670[b]	In this study
	15	140.125015	35.6042	TFM F-30005	-	Nakamura and Hattori (2020)
	16	140.118869	36.065279	TFM F-30037	-	Nakamura and Hattori (2020)
	17	140.107918	36.234834	(FFPRI421029)	LC651674[b]	In this study
	18	140.106173	35.974327	TFM F-30019	-	Nakamura and Hattori (2020)
	19	140.100475	36.028532	TFM F-30035	-	Nakamura and Hattori (2020)
	20	140.100347	36.028896	TFM F-30007	-	Nakamura and Hattori (2020)
	21	140.098339	36.048539	TFM F-30046	-	Nakamura and Hattori (2020)
	22	140.095448	36.174488	TFM F-30033	-	Nakamura and Hattori (2020)
	23	140.090718	35.763036	-	-	Kaneko et al. (2013)
	24	140.082206	35.490059	-	-	Kaneko et al. (2013)
	25	140.075491	35.466981	TFM F-28536 (P1)	AB777656	Ota et al. (2014)

26	140.075295	36.067315	TFM F-30028	-	Nakamura and Hattori (2020)
27	139.999078	35.8697	TFM F-28546 (P11)	AB777671	Ota et al. (2014)
28	139.975645	35.795648	-	-	Kaneko et al. (2013)
29	139.932704	36.575116	TFM F-30006	-	Nakamura and Hattori (2020)
30	139.932653	36.576364	TFM F-30023	-	Nakamura and Hattori (2020)
31	139.916406	36.54822	TFM F-30045	-	Nakamura and Hattori (2020)
32	139.861889	34.966106	TFM F-30027	-	Nakamura and Hattori (2020)
33	139.800633	36.311151	TFM F-30030	-	Nakamura and Hattori (2020)
34	139.767101	36.152931	TFM F-30016	-	Nakamura and Hattori (2020)
35	139.733737	35.670175	TFM F-30038	-	Nakamura and Hattori (2020)
36	139.709398	36.053322	TFM F-30042	-	Nakamura and Hattori (2020)
37	139.701996	36.041342	TFM F-30020	-	Nakamura and Hattori (2020)
38	139.625155	35.89501	TFM F-30012	-	Nakamura and Hattori (2020)
39	139.469297	35.697872	TFM F-30054	-	Nakamura and Hattori (2020)
40	139.45022	35.541527	TFM F-30002	-	Nakamura and Hattori (2020)
41	139.421926	35.734472	TFM F-30064	-	Nakamura and Hattori (2020)
42	139.403673	35.737105	TFM F-30049	-	Nakamura and Hattori (2020)
43	138.381611	34.970833	TFM F-30001	-	Nakamura and Hattori (2020)
44	138.378946	34.988802	TFM F-30010	-	Nakamura and Hattori (2020)
45	138.023489	34.769002	TFM F-30047	-	Nakamura and Hattori (2020)
46	138.018884	34.780109	TFM F-30031	-	Nakamura and Hattori (2020)
47	137.725811	34.706008	TFM F-30017	-	Nakamura and Hattori (2020)
48	137.614983	34.685413	TFM F-30008	-	Nakamura and Hattori (2020)
49	136.892241	34.4909	TFM F-30011	-	Nakamura and Hattori (2020)
50	136.73795	35.464699	TFM F-30025	-	Nakamura and Hattori (2020)
51	136.73785	35.464838	TFM F-30041	-	Nakamura and Hattori (2020)
52	136.526167	34.57427	TFM F-30044	-	Nakamura and Hattori (2020)
53	135.805206	34.33223	TFM F-28540 (P5)	AB777660 AB777661	Ota et al. (2014)

	54	135.785511	35.06496	TFM F-30013	-	Nakamura and Hattori (2020)
	55	135.773172	34.940919	(FFPRI421031)	LC651676[b]	In this study
	56	135.752439	35.123703	(FFPRI421023, WD2641)	LC651667[b] LC651668[b]	In this study
	57	135.737873	34.251488	TFM F-28541 (P6)	AB777662 AB777663	Ota et al. (2014)
	58	135.549019	33.819192	TFM F-28544 (P9)	AB777669 AB777670	Ota et al. (2014)
	59	135.175868	34.22579	TFM F-30061	-	Nakamura and Hattori (2020)
	60	135.172307	34.22796	TFM F-30032	-	Nakamura and Hattori (2020)
	61	135.168455	34.229818	TFM F-30003	-	Nakamura and Hattori (2020)
	62	134.559476	34.068069	TFM F-30065	-	Nakamura and Hattori (2020)
	63	134.553098	34.074719	TFM F-30026	-	Nakamura and Hattori (2020)
	64	134.177928	35.52168	TFM F-30057	-	Nakamura and Hattori (2020)
	65	133.916552	34.678747	TFM F-30063	-	Nakamura and Hattori (2020)
	66	133.537851	33.553906	TFM F-30053	-	Nakamura and Hattori (2020)
	67	133.530478	33.561156	TFM F-30015	-	Nakamura and Hattori (2020)
	68	131.433764	31.916043	TFM F-30018	-	Nakamura and Hattori (2020)
	69	131.418604	31.930315	TFM F-30050	-	Nakamura and Hattori (2020)
	70	131.410511	31.933529	TFM F-30040	-	Nakamura and Hattori (2020)
	71	130.739774	32.86745	TFM F-30022	-	Nakamura and Hattori (2020)
	72	130.698005	31.811066	TFM F-30039	-	Nakamura and Hattori (2020)
	73	129.208027	29.145476	(WD2639)	LC651678[b]	In this study
F. punctata	74	142.357381	43.775543	TFM F-30070	-	Nakamura and Hattori (2020)
	75	142.005559	42.962819	TFM F-15803 (WD745)	AB777697	Ota et al. (2014)
	76	141.350179	43.129011	TFM F-30066	-	Nakamura and Hattori (2020)
	77	141.146392	39.551701	TFM F-30068	-	Nakamura and Hattori (2020)
	78	141.118226	40.183885	TFM F-30073	-	Nakamura and Hattori (2020)
	79	141.092739	39.777115	TFM F-30072	-	Nakamura and Hattori (2020)
	80	138.82445	35.94865	TFM F-30080 (FFPRI421028)	LC651673[b]	In this study
	81	138.696983	35.425923	TFM F-15176 (WD568)	AB777699	Ota et al. (2014)

	82	138.34851	36.52512	TFM F-30081 (FFPRI421030)	LC651675[b]	In this study
	83	138.295229	36.006108	TFM F-18947 (FFPRI421022, WD2055)	AB777696	Ota et al. (2014)
	84	137.911215	35.881314	TFM F-30069	-	Nakamura and Hattori (2020)
	85	137.162148	37.301545	TFM F-30079	LC651677[b]	In this study
	86	136.92948	37.309165	TFM F-30078 (FFPRI421027)	LC651672[b]	In this study
	87	135.905986	35.368622	TFM F-15828 (WD759)	AB777698	Ota et al. (2014)

[a] Accession numbers of herbarium and/or culture stock are shown.
[b] Sequences were newly analyzed in this study.