

Supplementary Table 1. Collection details and GenBank accession numbers of the *Apiospora* isolates included in the multi-gene phylogeny. Strains generated in this study are shown in red, while type strains are indicated in bold.

Taxon	Strain	Host/Substrate	Country of Origin	GenBank Accession Numbers			
				ITS	LSU	<i>tef1-a</i>	<i>tub2</i>
<i>Apiospora acutiapica</i>	KUMCC 20-0210	<i>Bambusa bambos</i>	China	MT946343	MT946339	MT947360	MT947366
<i>Apiospora agari</i>	KUC 21333	<i>Agarum cribrosum</i>	Korea	MH498520	N/A	MH544663	MH498478
<i>Apiospora aquatica</i>	MFLU 18-1628	Submerged wood	China	MK828608	MK835806	N/A	N/A
<i>Apiospora arctoscopi</i>	KUC 21331	Egg of <i>Arctoscopus japonicus</i>	Korea	MH498529	N/A	MN868918	MH498487
<i>Apiospora armeniaca</i>	SAUCC DL1831	<i>Prunus armeniaca</i>	China	OQ592540	OQ615269	OQ613313	OQ613285
<i>Apiospora armeniaca</i>	SAUCC DL1844	<i>Prunus armeniaca</i>	China	OQ592539	OQ615268	OQ613312	OQ613284
<i>Apiospora arundinis</i>	CBS 133509	<i>Aspergillus flavus</i>	USA	KF144886	KF144930	KF145018	KF144976
<i>Apiospora arundinis</i>	CBS 44992	Egg of <i>Arctoscopus japonicus</i>	USA	KF144887	KF144931	KF145019	KF144977
<i>Apiospora arundinis</i>	GUCC6.1	Bamboo	China	PP959159	PP959169	PP998082	PP998092
<i>Apiospora arundinis</i>	GUCC6.2	Bamboo	China	PP959160	PP959170	PP998083	PP998093
<i>Apiospora babylonica</i>	SAUCC DL1841	<i>Salix babylonica</i>	China	OQ592538	OQ615267	OQ613311	OQ613283
<i>Apiospora babylonica</i>	SAUCC DL1864	<i>Saprophytic leaves</i>	China	OQ592537	OQ615266	OQ613310	OQ613282
<i>Apiospora aurea</i>	CBS 24483	Air	Spain	AB220251	KF144935	KF145023	KF144981
<i>Apiospora balearica</i>	CBS 145129	Poaceae sp.	Spain	MK014869	MK014836	MK017946	MK017975
<i>Apiospora bambusae</i>	CBS 145133	<i>Phyllostachys aurea</i>	Spain	MK014875	MK014842	MK017952	MK017981
<i>Apiospora bambusicaulis</i>	GUCC17.41	Bamboo	China	PP959151	PP959161	PP998074	PP998084

<i>Apiospora bambusicaulis</i>	GUCC17.42	Bamboo	China	PP959152	PP959162	PP998075	PP998085
<i>Apiospora bambusicola</i>	MFLUCC 20-0144	<i>Schizostachyum brachycladum</i>	Thailand	MW173030	MW173087	MW183262	N/A
<i>Apiospora bambusilentiginis</i>	GUCC18.51	Bamboo	China	PP959155	PP959165	PP998078	PP998088
<i>Apiospora bambusilentiginis</i>	GUCC18.52	Bamboo	China	PP959156	PP959166	PP998079	PP998089
<i>Apiospora bambusirimae</i>	GUCC12.51	Bamboo	China	PP959153	PP959163	PP998076	PP998086
<i>Apiospora bambusirimae</i>	GUCC12.52	Bamboo	China	PP959154	PP959164	PP998077	PP998087
<i>Apiospora biserialis</i>	CGMCC 320135	Bamboo	China	MW481708	MW478885	MW522938	MW522955
<i>Apiospora biserialis</i>	GZCC 20-0099	Dead culms of bamboo	China	MW481709	MW478886	MW522939	MW522956
<i>Apiospora bawanglingensis</i>	SAUCC BW0444	<i>Indocalamus longiauritus</i>	China	OR739429	OR739570	OR753446	OR757126
<i>Apiospora bawanglingensis</i>	SAUCC BW0441	<i>Indocalamus longiauritus</i>	China	OQ592551	OQ615280	OQ613324	OQ613302
<i>Apiospora camelliae-sinensis</i>	LC 5007	<i>Camellia sinensis</i>	China	KY494704	KY494780	KY705103	KY705173
<i>Apiospora camelliae-sinensis</i>	LC 8181	<i>Brassica rapa</i> subsp. <i>oleifera</i>	China	KY494761	KY494837	KY705157	KY705229
<i>Apiospora cannae</i>	ZHKUCC 22-0139	<i>Canna</i> sp.	China	OR164902.1	OR164949.1	OR166286.1	OR166322.1
<i>Apiospora chiangraiense</i>	MFLUCC 21-0053	Bamboo	Thailand	MZ542520	MZ542524	N/A	MZ546409
<i>Apiospora chromolaenae</i>	MFLUCC 17-1505	<i>Chromolaena odorata</i>	Thailand	MT040106	MT214436	MT235802	N/A
<i>Apiospora cordyline</i>	GUCC 10026	<i>Cordyline fruticosa</i>	China	MT040105	N/A	MT040126	MT040147

<i>Apiospora coryli</i>	CFCC 58978	<i>Corylus yunnanensis</i>	China	OR125564	OR133586	OR139974	OR139978
<i>Apiospora coryli</i>	CFCC 58979	<i>Corylus yunnanensis</i>	China	OR125565	OR133587	OR139975	OR139979
<i>Apiospora cyclobalanopsideis</i>	CGMCC 320136	<i>Cyclobalanopsis glauca</i>	China	MW481713	MW478892	MW522945	MW522962
<i>Apiospora descalsii</i>	CBS 145130	<i>Ampelodesmos mauritanicus</i>	Spain	MK014870	MK014837	MK017947	MK017976
<i>Apiospora dichotomanthi</i>	LC 4950	<i>Dichotomanthus tristaniaecarpa</i>	China	KY494697	KY494773	KY705096	KY705167
<i>Apiospora dichotomanthi</i>	CGMCC 38332	<i>Dichotomanthus tristaniiicarpa</i>	China	KY494755	KY494831	KY705151	KY705223
<i>Apiospora adinandrae</i>	SAUCC 1282B-1	<i>Adinandra glischroloma</i>	China	OR739431	OR739572	OR753448	OR757128
<i>Apiospora adinandrae</i>	SAUCC 1282B-2	<i>Adinandra glischroloma</i>	China	OR739432	OR739573	OR753449	OR757129
<i>Apiospora dongyingensis</i>	SAUCC 0302	Bamboo	China	OP563375	OP572424	OP573264	OP573270
<i>Apiospora esporlensis</i>	CBS 145136	<i>Phyllostachys aurea</i>	Spain	MK014878	MK014845	MK017954	MK017983
<i>Apiospora euphorbiae</i>	IMI 285638b	Bambusa	Bangladesh	AB220241	AB220335	N/A	AB220288
<i>Apiospora fermenti</i>	KUC 21289	Seaweed	Korea	MF615226	N/A	MH544667	MF615231
<i>Apiospora gaoyouensis</i>	CFCC 52301	<i>Phragmites australis</i>	China	MH197124	N/A	MH236793	MH236789
<i>Apiospora gaoyouensis</i>	CFCC 52302	<i>Phragmites australis</i>	China	MH197125	N/A	MH236794	MH236790
<i>Apiospora garethjonesii</i>	JHB004	Bamboo	China	KY356086	KY356091	N/A	N/A
<i>Apiospora gelatinosa</i>	KHAS 11962	Bamboo	China	MW481706	MW478888	MW522941	MW522958
<i>Apiospora</i>	HKAS	Poaceae	China	MW240647	MW240577	MW759535	MW775604

<i>guiyangensis</i>	102403						
<i>Apiospora guizhouensis</i>	LC 5318	Air	China	KY494708	KY494784	KY705107	KY705177
<i>Apiospora guizhouensis</i>	LC 5322	Air in karst cave	China	KY494709	KY494785	KY705108	KY705178
<i>Apiospora hainanensis</i>	SAUCC 1681-T	Bamboo	China	OP563373	OP572422	OP573262	OP573268
<i>Apiospora hispanicum</i>	IMI 326877	Maritime sand	Spain	AB220242	AB220336	N/A	AB220289
<i>Apiospora hydei</i>	CBS 114990	<i>Bambusa tuldooides</i>	China	KF144890	KF144936	KF145024	KF144982
<i>Apiospora hydei</i>	LC 7103	Bamboo	China	KY494715	KY494791	KY705114	KY705183
<i>Apiospora hyphopodii</i>	MFLUCC 15-0003	Bamboo	China	KR069110	N/A	N/A	N/A
<i>Apiospora hyphopodii</i>	JHB003	Bamboo	China	KY356088	KY356093	N/A	N/A
<i>Apiospora ibericum</i>	AP 10118	<i>Arundo donax</i>	Portugal	MK014879	MK014846	MK017955	MK017984
<i>Apiospora intestini</i>	CBS 135835	Gut of a grasshopper	India	KR011352	KR149063	KR011351	KR011350
<i>Apiospora intestini</i>	MFLUCC 21-0045	Dead culms of bamboo	Thailand	MZ542521	MZ542525	MZ546406	MZ546410
<i>Apiospora hysterina</i>	ICPM 6889	Bamboo	New Zealand	MK014874	MK014841	MK017951	MK017980
<i>Apiospora hysterina</i>	GUCC-19-5271	Faba bean	China	OQ236601	OQ231496	OQ270096	OQ249633
<i>Apiospora hysterina</i>	KUC21438	<i>Phyllostachys bambusoides</i> branch	South Korea	ON764019	ON787758	ON806623	ON806633
<i>Apiospora italica</i>	CBS 145138	<i>Arundo donax</i>	India	MK014880	MK014847	MK017956	MK017985
<i>Apiospora italica</i>	CBS 145139	<i>Arundo donax</i>	India	MK014881	MK014848	MK017957	MK017986
<i>Apiospora jatrophae</i>	AMH-9556	<i>Jatropha podagrica</i>	India	HE981191	N/A	N/A	N/A
<i>Apiospora jatrophae</i>	AMH-9557	<i>Jatropha podagrica</i>	India	NR_154675	N/A	N/A	N/A
<i>Apiospora</i>	SAUCC	Bambusac	China	OQ592544	OQ615273	OQ613317	OQ613289

<i>jinanensis</i>	DL1981	eae sp.					
<i>Apiospora jinanensis</i>	SAUCC DL2000	Bambusac eae sp.	China	OQ592543	OQ615272	OQ613316	OQ613288
<i>Apiospora jiangxiensis</i>	LC 4494	<i>Phyllostachys</i> sp.	China	KY494690	KY494766	KY705089	KY705160
<i>Apiospora jiangxiensis</i>	LC 4577	Maesa sp.	China	KY494693	KY494769	KY705092	KY705163
<i>Apiospora kogelbergensis</i>	CBS 113332	Restionaceae	South Africa	KF144891	KF144937	KF145025	KF144983
<i>Apiospora kogelbergensis</i>	CBS 113333	Restionaceae	South Africa	KF144892	KF144938	KF145026	KF144984
<i>Apiospora koreanum</i>	KUC 21332	Egg of <i>Arctoscopylus japonicus</i>	Korea	MH498524	MH498444	MH544664	MH498482
<i>Apiospora lageniformis</i>	KUC21687	<i>Phyllostachys nigra</i>	Korea	ON764023	ON787762	ON806627	ON806637
<i>Apiospora lageniformis</i>	KUC21686	<i>Phyllostachys nigra</i>	Korea	ON764020	ON787759	ON806624	ON806634
<i>Apiospora lageniformis</i>	KUC21681	<i>Phyllostachys pubescens</i>	Korea	ON764020	ON787759	ON806624	ON806634
<i>Apiospora locuta-pollinis</i>	SICAUCC 22-0036	Unknown	(Unspecified)	ON228609	ON228665	ON324018	ON237657
<i>Apiospora locuta-pollinis</i>	LC 11683	<i>Brassica campestris</i>	China	MF939595	N/A	MF939616	MF939622
<i>Apiospora longistroma</i>	MFLUCC 11-0481	Bamboo	Thailand	KU940141	KU863129	N/A	N/A
<i>Apiospora lophatheri</i>	CFCC 58975	<i>Lophatherum gracile</i>	China	OR125566	OR133588	OR139970	OR139980
<i>Apiospora lophatheri</i>	CFCC 58976	<i>Lophatherum gracile</i>	China	OR125567	OR133589	OR139971	OR139981
<i>Apiospora lophatheri</i>	GUCC21.11	Bamboo	China	PP959157	PP959167	PP998080	PP998090
<i>Apiospora lophatheri</i>	GUCC21.12	Bamboo	China	PP959158	PP959168	PP998081	PP998091
<i>Apiospora machili</i>	SAUCC 1175A-4	<i>Machilus nanmu</i>	China	OR739433	OR739574	OR753450	OR757130
<i>Apiospora machili</i>	SAUCC 1175	<i>Machilus nanmu</i>	China	OQ592560	OQ615289	OQ613333	OQ613307
<i>Apiospora</i>	CBS	<i>Macaranga hullettii</i>	Malaysia	KF144896	KF144942	KF145030	KF144988

<i>malaysiana</i>	102053	stem colonised by ants					
<i>Apiospora marianiae</i>	AP301119	<i>Phleum pratense</i>	Spain	ON692407	ON692423	ON677181	ON677187
<i>Apiospora marii</i>	CBS 20057	<i>Beta vulgaris</i>	Netherlands	KF144900	KF144946	KF145034	KF144992
<i>Apiospora marii</i>	CBS 49790	Atmospher e, pharmaceu tical excipients, home dust, and beach sands	Spain	AB220252	KF144947	KF145035	KF144993
<i>Apiospora marinum</i>	KUC 21328	Seaweed	China	MH498538	MH498458	MH544669	MH498496
<i>Apiospora mediterranea</i>	IMI 326875	Air	Spain	AB220243	AB220337	N/A	AB220290
<i>Apiospora minutisporum</i>	17E-042	Soil	Korea	LC517882	N/A	LC518889	LC518888
<i>Apiospora montagnei</i>	AP 301120	<i>Arundo micrantha</i>	Spain	ON692408	ON692424	ON677182	ON677188
<i>Apiospora mori</i>	NCYUCC 19-0340	<i>Morus australis</i>	China	MW114314	MW114394	N/A	N/A
<i>Apiospora mori</i>	MFLU 18- 2514	<i>Morus australis</i>	Taiwan	NR174837	MW114393	N/A	N/A
<i>Apiospora mori</i>	MFLUCC 20-0181	<i>Morus australis</i>	China	MW114313	MW114393	N/A	N/A
<i>Apiospora mukdahanensis</i>	MFLUCC 22-0056	<i>Bambusoidae</i>	Thailand	OP377735	OP377742	OP381089	N/A
<i>Apiospora multiloculata</i>	MFLUCC 21-0023	Bambusae	Thailand	OL873137	OL873138	N/A	OL874718
<i>Apiospora mytilomorpha</i>	DAOM 214595	<i>Andropogon</i> <i>sp.</i>	India	KY494685	N/A	N/A	N/A
<i>Apiospora neobambusae</i>	LC 7106	Bamboo	China	KY494718	KY494794	KY806204	KY705186
<i>Apiospora neobambusae</i>	LC 7124	Bamboo	China	KY494727	KY494803	KY806206	KY705195
<i>Apiospora neochinensis</i>	CFCC 53036	<i>Fargesia qinlingensis</i>	China	MK819291	N/A	MK818545	MK818547

<i>Apiospora neochinensis</i>	CFCC 53037	<i>Fargesia qinlingensis</i>	China	MK819292	N/A	MK818546	MK818548
<i>Apiospora neogarethjonesii</i>	KUMCC 18-0192	Bambusae	China	MK070897	MK070898	N/A	N/A
<i>Apiospora neosubglobosa</i>	JHB006	Bamboo	China	KY356089	KY356094	N/A	N/A
<i>Apiospora neosubglobosa</i>	JHB007	Bamboo	China	KY356090	KY356095	N/A	N/A
<i>Apiospora obovata</i>	LC 4940	<i>Lithocarpus</i> sp.	China	KY494696	KY494772	KY705095	KY705166
<i>Apiospora ovata</i>	CBS 115042	<i>Arundinaria hindsii</i>	China	KF144903	KF144950	KF145037	KF144995
<i>Apiospora oenotherae</i>	CFCC 58972	<i>Lophatherum gracile</i>	China	OR125568	OR133590	OR139972	OR139982
<i>Apiospora oenotherae</i>	LS 395	<i>Lophatherum gracile</i>	China	OR125569	OR133591	OR139973	OR139983
<i>Apiospora paraphaeosperma</i>	MFLUCC 13-0644	Dead clumps of Bambusa sp.	Thailand	KX822128	KX822124	N/A	N/A
<i>Apiospora phragmitis</i>	CPC 18900	<i>Phragmites australis</i>	Italy	KF144909	KF144956	KF145043	KF145001
<i>Apiospora phyllostachydis</i>	MFLUCC 18-1101	<i>Phyllostachys heteroclada</i>	China	MK351842	MH368077	MK340918	MK291949
<i>Apiospora piptatheri</i>	AP4817A	<i>Piptatherum miliaceum</i>	Spain	MK014893	MK014860	MK017969	N/A
<i>Apiospora pseudomarii</i>	GUCC 10228	<i>Aristolochia debilis</i>	China	MT040124	N/A	MT040145	MT040166
<i>Apiospora pseudohyphodii</i>	KUC 21680	<i>Phyllostachys pubescens</i>	Korea	ON764026	ON787765	ON806630	ON806640
<i>Apiospora pseudohyphodii</i>	KUC21684	<i>Phyllostachys pubescens</i>	Korea	ON764027	ON787766	ON806631	ON806641
<i>Apiospora pseudoparenchymatica</i>	LC 7234	Bamboo	China	KY494743	KY494819	KY705139	KY705211
<i>Apiospora pseudoparenchymatica</i>	LC 8173	Bamboo	China	KY494753	KY494829	KY705149	KY705221

<i>hymatica</i>							
<i>Apiospora pseudorasikra vindrae</i>	KUMCC 20-0208	<i>Bambusa dolichocla da</i>	China	MT946344	N/A	MT947361	MT947367
<i>Apiospora pseudorasikra vindrae</i>	USJCC-0277	<i>Bambusa vulgaris</i>	Sri Lanka	PX134249	PX134243	PX136867	PX136865
<i>Apiospora pseudosinensis</i>	CPC 21546	Bamboo	Netherlands	KF144910	KF144957	KF145044	N/A
<i>Apiospora pseudospegazzinii</i>	CBS 102052	Macaranga hullettii	Malaysia	KF144911	KF144958	KF145045	KF145002
<i>Apiospora pterosperma</i>	CBS 123185	Lepidosperma gladiatum	Australia	KF144912	KF144959	N/A	KF145003
<i>Apiospora pterosperma</i>	CPC 20193	Lepidosperma gladiatum	Australia	KF144913	KF144960	KF145046	KF145004
<i>Apiospora pusillisperma</i>	KUC 21321	Seaweed	Korea	MH498533	N/A	MN868930	MH498491
<i>Apiospora qinlingense</i>	CFCC 52303	<i>Fargesia qinlingensis</i>	China	MH197120	N/A	MH236795	MH236791
<i>Apiospora qinlingense</i>	CFCC 52304	<i>Fargesia qinlingensis</i>	China	MH197121	N/A	MH236796	MH236792
<i>Apiospora rasikravindrae</i>	NFCCI 2144	Soil in karst cave	China	JF326454	N/A	N/A	N/A
<i>Apiospora sacchari</i>	CBS 37267	Soil	Netherlands	KF144918	KF144964	KF145049	KF145007
<i>Apiospora sacchari</i>	CBS 66474	Soil	Netherlands	KF144919	KF144965	KF145050	KF145008
<i>Apiospora saccharicola</i>	CBS 19173	Air	Netherlands	KF144920	KF144966	KF145051	KF145009
<i>Apiospora saccharicola</i>	CBS 8317	Air	Netherlands	KF144922	KF144969	KF145054	KF145012
<i>Apiospora sargassi</i>	KUC 21228	<i>Sargassum fulvellum</i>	Korea	KT207746	N/A	MH544677	KT207644
<i>Apiospora sasae</i>	CBS 146808	<i>Sasa veitchii</i>	Netherlands	MW883402	MW883797	MW890104	MW890120
<i>Apiospora septata</i>	CGMCC 320134	Bamboo	China	MW481711	MW478890	MW522943	MW522960
<i>Apiospora</i>	IMI 326869	Food,	Spain	AB220250	AB220344	N/A	AB220297

<i>serenensis</i>		pharmaceutical excipients, atmosphere and home dust					
<i>Apiospora setariae</i>	CFCC 54041	<i>Setaria viridis</i>	China	MT492004	N/A	MW118456	MT497466
<i>Apiospora setostroma</i>	KUMCC 19-0217	<i>Bambusoidae</i>	China	MN528012	MN528011	MN527357	N/A
<i>Apiospora sichuanensis</i>	HKAS 107008	Poaceae	China	MW240648	MW240578	MW759536	MW775605
<i>Apiospora sorghi</i>	URM 93000	<i>Sorghum bicolor</i>	Brazil	MK371706	N/A	N/A	MK348526
<i>Apiospora sphaerosperma</i>	CBS114314	<i>Hordeum vulgare</i>	Iran	KF144904	KF144951	KF145038	KF144996
<i>Apiospora stipae</i>	CBS 146804	<i>Stipa gigantea</i>	Spain	MW883403	MW883798	MW890082	MW890121
<i>Apiospora subglobosa</i>	MFLUCC 11-0397	Bamboo	Thailand	KR069112	KR069113	N/A	N/A
<i>Apiospora subrosea</i>	LC 7291	Bamboo	China	KY494751	KY494827	KY705147	KY705219
<i>Apiospora subrosea</i>	LC 7292	Bamboo	China	KY494752	KY494828	KY705148	KY705220
<i>Apiospora taeanensis</i>	KUC 21322	Seaweed	Korea	MH498515	MH498435	MH544662	MH498473
<i>Apiospora thailandica</i>	MFLUCC 15-1999	Bamboo	Thailand	KU940146	KU863134	N/A	N/A
<i>Apiospora thailandica</i>	MFLUCC 15-0202	Rotten wood	China	KU940145	KU863133	N/A	N/A
<i>Apiospora tropica</i>	MFLUCC 21-0056	Unknown	Thailand	OK491657	OK491653	N/A	OK560922
<i>Apiospora vietnamense</i>	IMI 99670	<i>Citrus sinensis</i>	Vietnam	KX986096	KX986111	N/A	KY019466
<i>Apiospora xenocordella</i>	CBS 47886	Soil from roadway	Zimbabwe	KF144925	KF144970	KF145055	KF145013
<i>Apiospora xenocordella</i>	CBS 59566	Soil from roadway	Zimbabwe	KF144926	KF144971	N/A	N/A
<i>Apiospora yunnana</i>	MFLUCC 15-0002	Bamboo	China	KU940147	KU863135	N/A	N/A
<i>Arthrinium caricicola</i>	CBS 145127	<i>Carex ericetorum</i>	China	MK014871	MK014838	MK017948	MK017977