Bustamante, M. I., Fernández, Y., Osorio-Navarro, C., Cárdenas, C., Bourret, T. B., Eskalen, A., & Henríquez-Sáez, J. L. (2026). Phylogenetic diversity and pathogenicity of *Colletotrichum* species associated with avocado anthracnose in Chile. *Phytopathologia Mediterranea* 65(1): 15-31. doi: 10.36253/phyto-16790

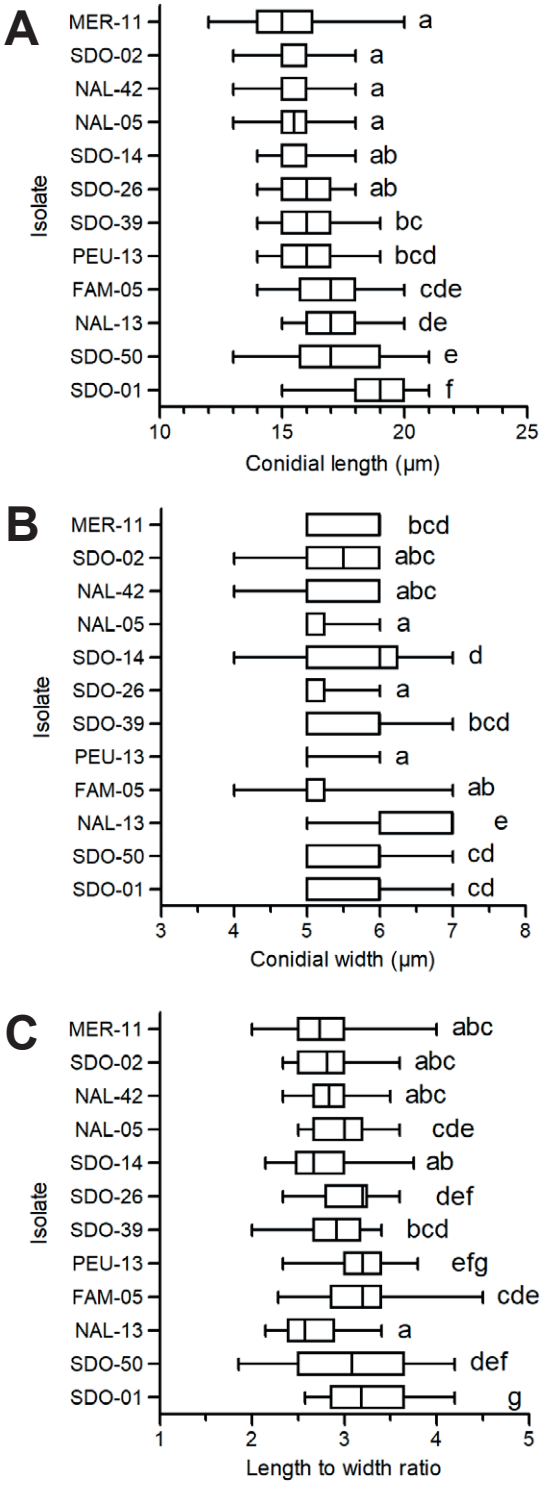

Figure S1. Conidium dimensions of *Colletotrichum* cf. *cigarro* isolates associated with avocado anthracnose in Chile. A, Length (µm). B, Width (µm). C, Length-to-width ratio. Boxes represent the interquartile range (25th–75th percentiles), the vertical line indicates the median, and whiskers extend to the minimum and maximum values. Boxes sharing the same letter within each panel are not significantly different ($P > 0.05$) according to Fisher's LSD test.

Table S1. GenBank accession numbers of *Colletotrichum gloeosporioides* species complex used in phylogenetic analyses.

Species	Isolate/strain[Z]	Host/substrate	Location	GenBank accession number				
				ITS	*gapdh*	*tub2*	ApMat	*gs*
C. aenigma	ICMP 18608[T]	*Persea americana*	Israel	JX010244	JX010044	JX010389	KM360143	JX010078
C. aeschynomenes	ICMP 17673[T]	*Aeschynomene virginica*	USA	JX010176	JX009930	JX010392	KM360145	JX010081
C. alatae	ICMP 17919[T]	*Dioscorea alata*	India	JX010190	JX009990	JX010383	KC888932	JX010065
C. alienum	ICMP 12071[T]	*Malus domestica*	New Zealand	JX010251	JX010028	JX010411	KM360144	JX010101
C. aotearoa	ICMP 18537[T]	*Coprosma* sp.	New Zealand	JX010205	JX010005	JX010420	KC888930	JX010113
C. arecicola	CGMCC 3.19667[T]	*Areca catechu*	China	MK914635	MK935455	MK935498	MK935413	n/a
C. artocarpicola	MFLUCC 18-1167[T]	*Artocarpus heterophyllus*	Thailand	MN415991	MN435568	MN435567	n/a	n/a
C. asianum	ICMP 18580[T]	*Coffea arabica*	Thailand	FJ972612	JX010053	JX010406	FR718814	JX010096
C. camelliae	CGMCC 3.14925[T]	*Camellia sinensis*	China	KJ955081	KJ954782	KJ955230	KJ954497	KJ954932
C. changpingense	MFLUCC 15-0022[T]	*Fragaria* × *ananassa*	China	KP683152	MZ664048	MZ673952	n/a	n/a
C. chrysophilum	CMM 4268[T]	*Musa* sp.	Brazil	KX094252	KX094183	KX094285	KX094325	KX094204
C. cigarro	ICMP 17922	*Hypericum perforatum*	Germany	JX010238	JX010042	JX010432	HE655655	JX010120
C. cigarro	ICMP 18534	*Kunzea ericoides*	New Zealand	JX010227	JX009904	JX010427	HE655657	JX010116
C. cigarro	ICMP 18539[T]	*Olea europaea*	Australia	JX010230	JX009966	JX010434	HE655658	JX010132
C. cf. cigarro	**FAM-02**	***Persea americana***	**Chile**	**PQ167786**	**PQ178841**	**PQ195572**	**PQ217744**	**PQ217774**
C. cf. cigarro	**FAM-05**	***Persea americana***	**Chile**	**PQ167787**	**PQ178842**	**PQ195573**	**PQ217745**	**PQ217775**
C. cf. *cigarro*	ICMP 12952	*Persea americana*	New Zealand	JX010214	JX009971	JX010426	n/a	JX010126
C. cf. *cigarro*	ICMP 12953	*Persea americana*	New Zealand	HE655516	n/a	HE655602	HE655656	MH346037
C. cf. cigarro	**MER-11**	***Persea americana***	**Chile**	**PQ167788**	**PQ178843**	**PQ195574**	**PQ217746**	**PQ217776**
C. cf. cigarro	**NAL-05**	***Persea americana***	**Chile**	**PQ167789**	**PQ178844**	**PQ195575**	**PQ217747**	**PQ217777**
C. cf. cigarro	**NAL-13**	***Persea americana***	**Chile**	**PQ167790**	**PQ178845**	**PQ195576**	**PQ217748**	**PQ217778**
C. cf. cigarro	**NAL-14**	***Persea americana***	**Chile**	**PQ167791**	**PQ178846**	**PQ195577**	**PQ217749**	**PQ217779**
C. cf. cigarro	**NAL-20**	***Persea americana***	**Chile**	**PQ167792**	**PQ178847**	**PQ195578**	**PQ217750**	**PQ217780**
C. cf. cigarro	**NAL-42**	***Persea americana***	**Chile**	**PQ167793**	**PQ178848**	**PQ195579**	**PQ217751**	**PQ217781**
C. cf. cigarro	**NAL-47**	***Persea americana***	**Chile**	**PQ167794**	**PQ178849**	**PQ195580**	**PQ217752**	**PQ217782**
C. cf. cigarro	**PEU-01**	***Persea americana***	**Chile**	**PQ167795**	**PQ178850**	**PQ195581**	**PQ217753**	**PQ217783**
C. cf. cigarro	**PEU-13**	***Persea americana***	**Chile**	**PQ167796**	**PQ178851**	**PQ195582**	**PQ217754**	**PQ217784**
C. cf. *cigarro*	PR432	*Mangifera indica*	Portugal	HE655520	n/a	HE655606	HE655660	MH346038
C. cf. cigarro	**SDO-01**	***Persea americana***	**Chile**	**PQ167797**	**PQ178852**	**PQ195583**	**PQ217755**	**PQ217785**
C. cf. cigarro	**SDO-02**	***Persea americana***	**Chile**	**PQ167798**	**PQ178853**	**PQ195584**	**PQ217756**	**PQ217786**
C. cf. cigarro	**SDO-14**	***Persea americana***	**Chile**	**PQ167799**	**PQ178854**	**PQ195585**	**PQ217757**	**PQ217787**
C. cf. cigarro	**SDO-26**	***Persea americana***	**Chile**	**PQ167800**	**PQ178855**	**PQ195586**	**PQ217758**	**PQ217788**
C. cf. cigarro	**SDO-39**	***Persea americana***	**Chile**	**PQ167801**	**PQ178856**	**PQ195587**	**PQ217759**	**PQ217789**
C. cf. cigarro	**SDO-50**	***Persea americana***	**Chile**	**PQ167802**	**PQ178857**	**PQ195588**	**PQ217760**	**PQ217790**
C. clidemiae	ICMP 18658[T]	*Clidemia hirta*	HI, USA	JX010265	JX009989	JX010438	KC888929	JX010129
C. cordylinicola	ICMP 18579[T]	*Cordyline fruticosa*	Thailand	JX010226	JX009975	JX010440	JQ899274	JX010122
C. endophyticum	MFLUCC 13-0418[T]	*Pennisetum purpureum*	Thailand	KC633854	KC832854	MZ673954	n/a	n/a
C. fructicola	CBS 130416[T]	*Coffea arabica*	Thailand	JX010165	JX010033	JX010405	JQ807838	JX010095
C. fructicola	LC2923 (LF130)	*Camellia sinensis*	China	KJ955083	KJ954784	KJ955232	KJ954499	KJ954934
C. fructicola	**MER-06**	***Persea americana***	**Chile**	**PQ167773**	**PQ178828**	**PQ195559**	**PQ217731**	**PQ217761**
C. gloeosporioides	CBS 112999[T]	*Citrus sinensis*	Italy	JX010152	JX010056	JX010445	JQ807843	JX010085
C. gloeosporioides	CBS 148183	*Citrus sinensis*	Tunisia	OP764671	OP940004	n/a	OQ236588	OQ077977
C. gloeosporioides	**FAM-01**	***Persea americana***	**Chile**	**PQ167774**	**PQ178829**	**PQ195560**	**PQ217732**	**PQ217762**
C. gloeosporioides	**FAM-03**	***Persea americana***	**Chile**	**PQ167775**	**PQ178830**	**PQ195561**	**PQ217733**	**PQ217763**
C. gloeosporioides	**FAM-07**	***Persea americana***	**Chile**	**PQ167776**	**PQ178831**	**PQ195562**	**PQ217734**	**PQ217764**
C. gloeosporioides	**FAM-16**	***Persea americana***	**Chile**	**PQ167777**	**PQ178832**	**PQ195563**	**PQ217735**	**PQ217765**
C. gloeosporioides	LC3686 (LF916)	*Camellia sinensis*	China	KJ955226	KJ954927	KJ955371	KJ954629	KJ955076
C. gloeosporioides	**MER-07**	***Persea americana***	**Chile**	**PQ167778**	**PQ178833**	**PQ195564**	**PQ217736**	**PQ217766**
C. gloeosporioides	**MER-09**	***Persea americana***	**Chile**	**PQ167779**	**PQ178834**	**PQ195565**	**PQ217737**	**PQ217767**

(Continued)

Table S1. (Continued).

Species	Isolate/strain[Z]	Host/substrate	Location	GenBank accession number				
				ITS	*gapdh*	*tub2*	ApMat	*gs*
C. gloeosporioides	OCAC24	*Elettaria cardamomum*	India	KJ813602	KJ813552	KJ813477	KP743487	KJ813577
C. hebeiense	MFLUCC 13-0726[T]	*Vitis vinifera*	China	KF156863	KF377495	KF288975	KF377562	n/a
C. helleniense	CBS 142418[T]	*Poncirus trifoliata*	Greece	KY856446	KY856270	KY856528	n/a	n/a
C. helleniense	CVG628	*Vaccinium corymbosum*	Italy	n/a	MW368901	MW368899	MW368907	MW368911
C. horii	ICMP 10492[T]	*Diospyros kaki*	Japan	GQ329690	GQ329681	JX010450	JQ807840	JX010137
C. hystricis	CBS 142411[T]	*Citrus hystrix*	Italy	KY856450	KY856274	KY856532	n/a	n/a
C. jiangxiense	CGMCC 3.17362	*Camellia sinensis*	China	KJ955198	KJ954899	KJ955345	KJ954604	KJ955048
C. jiangxiense	CGMCC 3.17363[T]	*Camellia sinensis*	China	KJ955201	KJ954902	KJ955348	KJ954607	KJ955051
C. jiangxiense	**NAL-03**	***Persea americana***	**Chile**	**PQ167780**	**PQ178835**	**PQ195566**	**PQ217738**	**PQ217768**
C. jiangxiense	**NAL-18**	***Persea americana***	**Chile**	**PQ167781**	**PQ178836**	**PQ195567**	**PQ217739**	**PQ217769**
C. jiangxiense	**PEU-4A**	***Persea americana***	**Chile**	**PQ167782**	**PQ178837**	**PQ195568**	**PQ217740**	**PQ217770**
C. jiangxiense	**PEU-14**	***Persea americana***	**Chile**	**PQ167783**	**PQ178838**	**PQ195569**	**PQ217741**	**PQ217771**
C. jiangxiense	**SDO-38**	***Persea americana***	**Chile**	**PQ167784**	**PQ178839**	**PQ195570**	**PQ217742**	**PQ217772**
C. kahawae	ICMP 17915	*Coffea arabica*	Angola	JX010234	JX010040	JX010435	n/a	JX010125
C. kahawae	ICMP 17816[T]	*Coffea arabica*	Kenya	JX010231	JX010012	JX010444	JQ894579	JX010130
C. ledongense	CGMCC 3.18888[T]	*Hevea brasiliensis*	China	MG242009	MG242017	MG242011	n/a	MG242021
C. makassarense	CBS 143664[T]	*Capsicum annuum*	Indonesia	MH728812	MH728820	MH846563	MH728831	MH748264
C. musae	CBS 116870[T]	*Musa* sp.	USA	JX010146	JX010050	HQ596280	KC888926	JX010103
C. noveboracense	CBS 146410[T]	*Malus domestica*	NY, USA	MN646685	MN640567	MN640569	MN640564	MN640568
C. nupharicola	CBS 470.96[T]	*Nuphar lutea*	USA	JX010187	JX009972	JX010398	JX145319	JX010088
C. perseae	CBS 141365[T]	*Persea americana*	Israel	KX620308	KX620242	KX620341	KX620177	KX620275
C. perseae	CBS 141366	*Persea americana*	Israel	KX620321	KX620255	KX620354	KX620188	KX620287
C. perseae	**NAL-19**	***Persea americana***	**Chile**	**PQ167785**	**PQ178840**	**PQ195571**	**PQ217743**	**PQ217773**
C. proteae	CBS 132882[T]	*Protea* sp.	South Africa	KC297079	KC297009	KC297101	n/a	KC297032
C. psidii	ICMP 19120[T]	*Psidium* sp.	Italy	JX010219	JX009967	JX010443	KC888931	JX010133
C. queenslandicum	ICMP 1778[T]	*Carica papaya*	Australia	JX010276	JX009934	JX010414	KC888928	JX010104
C. rhexiae	CBS 133134[T]	*Rhexia virginica*	DE, USA	JX145128	MZ664046	JX145179	JX145290	n/a
C. rhexiae	CBS 133136	*Vaccinium macrocarpon*	DE, USA	JX145129	n/a	JX145180	JX145291	n/a
C. salsolae	ICMP 19051[T]	*Salsola tragus*	Hungary	JX010242	JX009916	JX010403	KC888925	JX010093
C. siamense	ICMP 18578[T]	*Coffea arabica*	Thailand	JX010171	JX009924	JX010404	JQ899289	JX010094
C. syzygiicola	MFLUCC 10-0624[T]	*Syzygium samarangense*	Thailand	KF242094	KF242156	KF254880	n/a	KF242125
C. tainanense	CBS 143666[T]	*Capsicum annuum*	Taiwan	MH728818	MH728823	MH846558	MH728836	MH748259
C. ti	ICMP 4832[T]	*Cordyline* sp.	New Zealand	JX010269	JX009952	JX010442	KM360146	JX010123
C. tropicale	CBS 124949[T]	*Theobroma cacao*	Panama	JX010264	JX010007	GU994454	GU994425	JX010097
C. viniferum	GZAAS 5.08601[T]	*Vitis vinifera*	China	JN412804	JN412798	JN412813	n/a	JN412787
C. wuxiense	CGMCC 3.17894[T]	*Camellia sinensis*	China	KU251591	KU252045	KU252200	KU251722	KU252101
C. xanthorrhoeae	ICMP 17903[T]	*Xanthorrhoea preissii*	Australia	JX010261	JX009927	JX010448	KC790689	JX010138

[Z] Isolates obtained in this study are highlighted in bold, and type-material strains are noted with a superscript T.

Table S2. GenBank accession numbers of *Colletotrichum* isolates and strains of the acutatum complex used in the phylogenetic analyses.

Species	Isolate/strain[Z]	Host/substrate	Location	GenBank accession number		
				ITS	*gapdh*	*tub2*
C. acerbum	CBS 128530^T	*Malus domestica*	New Zealand	JQ948459	JQ948790	JQ950110
C. acutatum	CBS 112996^T	*Carica papaya*	Australia	JQ005776	JQ948677	JQ005860
C. americanum	RGM 3380^T	*Drimys winteri*	Chile	OR644563	OR644970	OR645128
C. americanum	CBS 127561	*Ugni molinae*	Chile	JQ948442	JQ948773	JQ950093
C. arboricola	CBS 144795^T	*Fuchsia magellanica*	Chile	MH817944	MH817950	MH817962
C. australe	CBS 116478^T	*Trachycarpus fortunei*	South Africa	JQ948455	JQ948786	JQ950106
C. eriobotryae	GLMC 1935^T	*Eriobotrya japonica*	Taiwan	MF772487	MF795423	MF795428
C. fioriniae	CBS 128517^T	*Fiorinia externa*	USA	JQ948292	JQ948622	JQ949943
C. godetiae	CBS 133.44^T	*Clarkia hybrida* cv. Kelvon Glory	Denmark	JQ948402	JQ948733	JQ950053
C. godetiae	CBS 126522	*Prunus cerasus*	Netherlands	JQ948411	JQ948742	JQ950062
C. guajavae	IMI 350839^T	*Psidium guajava*	India	JQ948270	JQ948600	JQ949921
C. johnstonii	CBS 128532^T	*Solanum lycopersicum*	New Zealand	JQ948444	JQ948775	JQ950095
C. johnstonii	IMI 357027	*Citrus* sp.	New Zealand	JQ948443	JQ948774	JQ950094
C. kinghornii	CBS 198.35^T	*Phormium* sp.	UK	JQ948454	JQ948785	JQ950105
C. kniphofiae	CBS 143496^T	*Kniphofia uvaria*	UK	MH107884	MH107998	MH108037
C. nymphaeae	CBS 515.78^T	*Nymphaea alba*	Netherlands	JQ948197	JQ948527	JQ949848
C. paxtonii	IMI 165753^T	*Malus domestica*	Brazil	JQ948285	JQ948615	JQ949936
C. perseicola	RGM 3376^T	*Persea lingue*	Chile	OR644585	OR644992	OR645150
C. phormii	CBS 118194^T	*Phormium* sp.	Germany	JQ948446	JQ948777	JQ950097
C. pyricola	CBS 128531^T	*Pyrus communis*	New Zealand	JQ948445	JQ948776	JQ950096
C. pyricola	**FAM-09**	***Persea americana***	**Chile**	**PQ167813**	**PQ195533**	**PQ195550**
C. pyricola	**FAM-11**	***Persea americana***	**Chile**	**PQ167814**	**PQ195534**	**PQ195551**
C. pyricola	**FAM-14**	***Persea americana***	**Chile**	**PQ167815**	**PQ195535**	**PQ195552**
C. pyricola	**FAM-20**	***Persea americana***	**Chile**	**PQ167816**	**PQ195536**	**PQ195553**
C. pyricola	**FAM-23**	***Persea americana***	**Chile**	**PQ167817**	**PQ195537**	**PQ195554**
C. pyricola	**PEU-02**	***Persea americana***	**Chile**	**PQ167818**	**PQ195538**	**PQ195555**
C. pyricola	**PEU-4B**	***Persea americana***	**Chile**	**PQ167819**	**PQ195539**	**PQ195556**
C. pyricola	**PEU-05**	***Persea americana***	**Chile**	**PQ167820**	**PQ195540**	**PQ195557**
C. pyricola	**PEU-06**	***Persea americana***	**Chile**	**PQ167821**	**PQ195541**	**PQ195558**
C. pyricola	RGM 3127	*Cryptocarya alba*	Chile	OR644591	OR644998	OR645156
C. pyricola	SAG 60192	*Embothrium coccineum*	Chile	KU963516	KU963517	KU963519
C. rhombiforme	CBS 129953^T	*Olea europaea*	Portugal	JQ948457	JQ948788	JQ950108
C. roseum	CBS 145754^T	*Lapageria rosea*	Chile	MK903611	MK903603	MK903607
C. salicis	CBS 607.94^T	*Salix* sp.	Netherlands	JQ948460	JQ948791	JQ950111
C. schimae	LC13880^T	*Schima* sp.	China	MZ595885	MZ664105	MZ674003
C. simmondsii	CBS 122122^T	*Carica papaya*	Australia	JQ948276	JQ948606	JQ949927
C. subsalicis	LC13863^T	*Populus alba*	China	MZ852849	n/a	MZ673953

[Z] Isolates obtained in this study are highlighted in bold, and type-material strains are noted with a superscript T.

Table S3. GenBank accession numbers of *Colletotrichum* isolates and strains of the boninense complex used in the phylogenetic analyses.

Species	Isolate/strain[Z]	Host/substrate	Location	GenBank accession number		
				ITS	*gapdh*	*tub2*
C. annellatum	CBS 129826[T]	*Hevea brasiliensis*	Colombia	JQ005222	JQ005309	JQ005656
C. beeveri	CBS 128527[T]	*Brachyglottis repanda*	New Zealand	JQ005171	JQ005258	JQ005605
C. beeveri	NN004142	*Yucca* sp.	China	MZ595881	MZ664082	n/a
C. boninense	CBS 123755[T]	*Crinum asiaticum* var. *sinicum*	Japan	JQ005153	JQ005240	JQ005588
C. brasiliense	CBS 128501[T]	*Passiflora edulis*	Brazil	JQ005235	JQ005322	JQ005669
C. brassicicola	CBS 101059[T]	*Brassica oleracea* var. *gemmifera*	New Zealand	JQ005172	JQ005259	JQ005606
C. brassicicola	CD015-1	*Rubus glaucus*	Colombia	JN715844	KC860010	KC860036
C. brassicicola	**FAM-06**	***Persea americana***	**Chile**	**PQ167805**	**PQ195525**	**PQ195542**
C. brassicicola	**FAM-08**	***Persea americana***	**Chile**	**PQ167806**	**PQ195526**	**PQ195543**
C. brassicicola	**NAL-32**	***Persea americana***	**Chile**	**PQ167807**	**PQ195527**	**PQ195544**
C. brassicicola	RGM 3057	*Laurelia sempervirens*	Chile	OR644571	OR644978	OR645136
C. brassicicola	RGM 3084	*Pitavia punctata*	Chile	OR644572	OR644979	OR645137
C. brassicicola	RGM 3412	*Drimys winteri*	Chile	OR644579	OR644986	OR645144
C. brassicicola	RGM 3294	*Lapageria rosea*	Chile	OR644574	OR644981	OR645139
C. bromeliacearum	LC0951[T]	Bromeliad	China	MZ595832	MZ664077	MZ673956
C. camelliae-japonicae	CGMCC 3.18118[T]	*Camellia japonica*	Japan	KX853165	KX893584	KX893580
C. camelliae-japonicae	LC6415	*Camellia japonica*	Japan	KX853164	KX893583	KX893579
C. catinaense	CBS 142417[T]	*Citrus reticulata*	Italy	KY856400	KY856224	KY856482
C. chamaedoreae	LC13868[T]	*Chamaedorea erumpens*	China	MZ595890	MZ664084	MZ674008
C. chongqingense	CS0612[T]	*Camellia sinensis*	China	MG602060	MG602022	MG602044
C. citricola	CBS 134228[T]	*Citrus unshiu*	China	KC293576	KC293736	KC293656
C. citricola	CBS 134229	*Citrus unshiu*	China	KC293578	KC293738	KC293658
C. colombiense	CBS 129818[T]	*Passiflora edulis*	Colombia	JQ005174	JQ005261	JQ005608
C. colombiense	CBS 129817	*Passiflora edulis*	Colombia	JQ005173	JQ005260	JQ005607
C. constrictum	CBS 128504[T]	*Citrus limon*	New Zealand	JQ005238	JQ005325	JQ005672
C. cymbidiicola	IMI 347923[T]	*Cymbidium* sp.	Australia	JQ005166	JQ005253	JQ005600
C. dacrycarpi	CBS 130241[T]	*Dacrycarpus dacrydioides*	New Zealand	JQ005236	JQ005323	JQ005670
C. diversum	LC11292[T]	*Philodendron selloum*	China	MZ595844	MZ664081	MZ673965
C. doitungense	MFLUCC 14-0128[T]	*Dendrobium* sp.	Thailand	MF448524	MH049480	MH351277
C. feijoicola	CBS 144633[T]	*Acca sellowiana*	Portugal	MK876413	MK876475	MK876507
C. hippeastri	CBS 125376[T]	*Hippeastrum vittatum*	China	JQ005231	JQ005318	JQ005665
C. karsti	CBS 127597[T]	*Diospyros australis*	Australia	JQ005204	JQ005291	JQ005638
C. karsti	CBS 124969	*Quercus salicifolia*	Panama	JQ005179	JQ005266	JQ005613
C. karsti	CBS 106.91	*Carica papaya*	Brazil	JQ005220	JQ005307	JQ005654
C. karsti	**NAL-33**	***Persea americana***	**Chile**	**PQ167808**	**PQ195528**	**PQ195545**
C. karsti	**NAL-35**	***Persea americana***	**Chile**	**PQ167809**	**PQ195529**	**PQ195546**
C. karsti	**NAL-36**	***Persea americana***	**Chile**	**PQ167810**	**PQ195530**	**PQ195547**
C. karsti	**NAL-37**	***Persea americana***	**Chile**	**PQ167811**	**PQ195531**	**PQ195548**
C. laurosilvaticum	**NAL-17**	***Persea americana***	**Chile**	**PQ167812**	**PQ195532**	**PQ195549**
C. laurosilvaticum	RGM 3086	*Pitavia punctata*	Chile	OR644581	OR644988	OR645146
C. laurosilvaticum	RGM 3406[T]	*Laurelia sempervirens*	Chile	OR644582	OR644989	OR645147
C. laurosilvaticum	RGM 3408	*Laurelia sempervirens*	Chile	OR644583	OR644990	OR645148
C. limonicola	CBS 142410[T]	*Citrus limon*	Malta	KY856472	KY856296	KY856554
C. novae-zelandiae	CBS 128505[T]	*Capsicum annuum*	New Zealand	JQ005228	JQ005315	JQ005662
C. oncidii	CBS 129828[T]	*Oncidium* sp.	Germany	JQ005169	JQ005256	JQ005603
C. palki	RGM 3055[T]	*Cestrum parqui*	Chile	OR644584	OR644991	OR645149
C. parsonsiae	CBS 128525[T]	*Parsonsia capsularis*	New Zealand	JQ005233	JQ005320	JQ005667
C. petchii	CBS 378.94[T]	*Dracaena marginata*	Italy	JQ005223	JQ005310	JQ005657
C. phyllanthi	CBS 175.67[T]	*Phyllanthus acidus*	India	JQ005221	JQ005308	JQ005655

(Continued)

Table S3. (Continued).

Species	Isolate/strain[Z]	Host/substrate	Location	GenBank accession number		
				ITS	*gapdh*	*tub2*
C. phyllanthi	MTCC 11394	*Bougainvillea* sp.	India	JN248690	JX576719	JX863674
C. torulosum	CBS 128544[T]	*Solanum melongena*	New Zealand	JQ005164	JQ005251	JQ005598
C. watphraense	MFLUCC 14-0123[T]	*Dendrobium* sp.	Thailand	MF448523	MH049479	MH351276

[Z] Isolates obtained in this study are highlighted in bold, and type-material strains are noted with a superscript T.

Table S4. GenBank accession numbers of *Colletotrichum* isolates and strains of the dematium complex used in the phylogenetic analyses.

Species	Isolate/strain[Z]	Host/substrate	Location	GenBank accession number				
				ITS	*gapdh*	*tub2*	ApMat	*gs*
C. anthrisci	CBS 125334[T]	*Anthriscus sylvestris*	Netherlands	GU227845	GU228237	GU228139	GU227943	GU228335
C. anthrisci	CBS 125335	*Anthriscus sylvestris*	Netherlands	GU227846	GU228238	GU228140	GU227944	GU228336
C. anthrisci	**NAL-52**	***Persea americana***	**Chile**	**MN203633**	**MN207466**	**MN207160**	**OM055666**	**OM037442**
C. anthrisci	**NAL-53**	***Persea americana***	**Chile**	**MN203634**	**MN207467**	**MN207161**	**OM055667**	**OM037443**
C. anthrisci	**NAL-54**	***Persea americana***	**Chile**	**MN203635**	**MN207468**	**MN207162**	**OM055668**	**OM037444**
C. circinans	CBS 221.81[T]	*Allium cepa*	Serbia	GU227855	GU228247	GU228149	GU227953	GU228345
C. dematium	CBS 125.25[T]	*Eryngium campestre*	France	GU227819	GU228211	GU228113	GU227917	GU228309
C. eryngiicola	MFLU 16-1477[T]	*Eryngium* sp.	Russia	KY792726	KY792723	KY792729	KY792717	KY792720
C. fructi	CBS 346.37[T]	*Malus sylvestris*	USA	GU227844	GU228236	GU228138	GU227942	GU228334
C. hemerocallidis	CBS 130642[T]	*Hemerocallis fulva*	China	JQ400005	JQ400012	JQ400019	JQ399991	JQ399998
C. insertae	MFLU 15-1895[T]	*Parthenocissus inserta*	Russia	KX618686	KX618684	KX618685	KX618682	KX618683
C. jinshuiense	CGMCC 3.18903[T]	*Pyrus pyrifolia* cv. Jinshui	China	MG748077	MG747995	MG748157	MG747767	MG747913
C. kakiivorum	KCTC 46679[T]	*Diospyros kaki*	Korea	LC324781	LC324787	LC324791	LC324785	LC324783
C. lineola	CBS 125337[T]	Apiaceae	Czech Republic	GU227829	GU228221	GU228123	GU227927	GU228319
C. menispermi	MFLUCC 14-0625[T]	*Menispermum dahuricum*	Russia	KU242357	KU242356	KU242354	KU242353	KU242355
C. orchidis	MFLUCC 17-1302[T]	*Orchis* sp.	Italy	MK502144	MK496857	MK496859	MK496853	MK496855
C. parthenossicicola	MFLUCC 17-1098[T]	*Parthenocissus quinquefolia*	Russia	MK629452	MK639362	MK639360	MK639358	MK639356
C. quinquefoliae	MFLU 14-0626[T]	*Parthenocissus quinquefolia*	Russia	KU236391	KU236390	KU236392	KU236389	n/a
C. sambucicola	MFLU 16-2675	*Sambucus ebulus*	Italy	KY595193	KY595192	KY595194	KY595190	KY595191
C. sambucicola	MFLUCC 16-1388[T]	*Sambucus ebulus*	Italy	KY098781	KY098780	KY098782	KY098778	KY098779
C. sedi	MFLUCC 14-1002[T]	*Sedum* sp.	Russia	KM974758	KM974755	KM974757	KM974756	KM974754
C. sonchicola	MFLUCC 17-1299[T]	*Sonchus* sp.	Italy	KY962757	KY962754	n/a	KY962748	KY962751
C. spinaciae	CBS 128.57[T]	*Spinacia oleracea*	Netherlands	GU227847	GU228239	GU228141	GU227945	GU228337
C. zhejiangense	LC13887[T]	Unidentified tree	China	MZ595912	MZ664124	MZ674030	MZ664210	MZ799342

[Z] Isolates obtained in this study are highlighted in bold, and type-material strains are noted with a superscript T.