

**Supplementary Table S1.** GeneBank accession numbers of *Calonectria* strains used in phylogenetic analysis. The isolates obtained in this study are bold.

Species	Culture collection number	GenBank accession number		
		<i>cmdA</i>	<i>tef1-α</i>	<i>β-tubulin</i>
<i>Ca. acaciicola</i>	CMW 47173 <sup>T</sup>	MT335160	MT412690	MT412930
<i>Ca. acaciicola</i>	CMW 47174	MT335161	MT412691	MT412931
<i>Ca. acicola</i>	CMW 30996 <sup>T</sup>	MT335162	MT412692	MT412932
<i>Ca. acicola</i>	CBS 114812	MT335163	MT412693	MT412933
<i>Ca. aciculata</i>	CERC 5342 <sup>T</sup>	MT335164	MT412694	MT412934
<i>Ca. aconidialis</i>	CMW 35174 <sup>T</sup>	MT335165	MT412695	N/A
<i>Ca. aconidialis</i>	CMW 31370	MT335167	MT412697	N/A
<i>Ca. aconidialis</i>	CMW 31390	MT335179	MT412709	N/A
<i>Ca. aconidialis</i>	CMW 31392	MT335169	MT412699	N/A
<i>Ca. aconidialis</i>	CMW 31439	MT335178	MT412708	N/A
<i>Ca. aconidialis</i>	CMW 31440	MT335177	MT412707	N/A
<i>Ca. aconidialis</i>	CMW 35169	MT335175	MT412705	N/A
<i>Ca. aconidialis</i>	CMW 35184	MT335174	MT412704	N/A
<i>Ca. aconidialis</i>	CMW 35187	MT335173	MT412703	N/A
<i>Ca. aconidialis</i>	CMW 35409	MT335171	MT412701	N/A
<b><i>Ca. aconidialis</i></b>	<b>ZHKUCC 210031</b>	<b>ON375352</b>	<b>ON375353</b>	<b>ON375354</b>
<i>Ca. aeknauliensis</i>	CMW 48253 <sup>T</sup>	MT335180	MT412710	N/A
<i>Ca. aeknauliensis</i>	CMW 48254	MT335181	MT412711	N/A
<i>Ca. asiatica</i>	CBS 114073 <sup>T</sup>	AY725741	AY725705	AY725616
<i>Ca. australiensis</i>	CMW 23669 <sup>T</sup>	MT335192	MT412723	MT412946
<i>Ca. brasiliensis</i>	CBS 133609	KC491222	KC491225	KC491228
<i>Ca. brasiliensis</i>	CBS 134818	KM395991	KM395817	KM395905
<i>Ca. brasiliensis</i>	CBS 230.515 <sup>T</sup>	MT335200	MT412731	MT412953
<i>Ca. brasiliensis</i>	CMW 32949	MT335201	MT412732	MT412954
<i>Ca. brassicicola</i>	CBS 112841 <sup>T</sup>	KX784561	KX784689	KX784619
<i>Ca. bumicola</i>	CMW 48257 <sup>T</sup>	MT335205	MT412736	N/A
<i>Ca. canadiana</i>	CMW 23673 <sup>T</sup>	MT335206	MT412737	MT412958
<i>Ca. canadiana</i>	CERC 8952	MT335290	MT412821	MT413035
<i>Ca. auriculiformis</i>	CMW 47178 <sup>T</sup>	MT335190	MT412721	MT412944
<i>Ca. auriculiformis</i>	CMW 47179	MT335191	MT412722	MT412945
<b><i>Ca. auriculiformis</i></b>	<b>ZHKUCC 210053</b>	<b>ON260793</b>	<b>ON260797</b>	<b>ON260801</b>
<b><i>Ca. auriculiformis</i></b>	<b>ZHKUCC 210054</b>	<b>ON260794</b>	<b>ON260798</b>	<b>ON260802</b>
<b><i>Ca. cassiae</i></b>	<b>ZHKUCC 210011<sup>T</sup></b>	<b>ON260790</b>	<b>MZ516860</b>	<b>MZ516863</b>
<b><i>Ca. cassiae</i></b>	<b>ZHKUCC 210012</b>	<b>ON260791</b>	<b>MZ516861</b>	<b>MZ516864</b>
<i>Ca. cerciana</i>	CMW 25309 <sup>T</sup>	MT335211	MT412742	MT412963
<i>Ca. cerciana</i>	CMW 25290	MT335212	MT412743	MT412964
<i>Ca. chinensis</i>	CMW 30986	MT335221	MT412752	MT412973

Supplementary Table S1. (Continued)

Species	Culture collection number	GeneBank accession number		
		<i>cmdA</i>	<i>tef1-α</i>	<i>β-tubulin</i>
<i>Ca. chinensis</i>	CMW 47192	MT335300	MT412831	MT413045
<i>Ca. cochinchinensis</i>	CMW 47187	MT335227	MT412758	MT412979
<i>Ca. colhounii</i>	CBS 293.79 <sup>T</sup>	GQ267373	GQ267301	DQ190564
<i>Ca. colombiensis</i>	CMW 23676 <sup>T</sup>	MT335228	MT412759	MT412980
<i>Ca. colombiensis</i>	CMW 30985	MT335229	MT412760	MT412981
<i>Ca. crousiana</i>	CMW 27249 <sup>T</sup>	MT335230	MT412761	MT412982
<i>Ca. crousiana</i>	CMW 27253	MT335231	MT412762	MT412983
<i>Ca. curvispora</i>	CMW 23693 <sup>T</sup>	MT335232	MT412763	N/A
<i>Ca. curvispora</i>	CMW 48245	MT335233	MT412764	N/A
<i>Ca. cylindrospora</i>	CBS 119670	MT335236	MT412767	MT412985
<i>Ca. cylindrospora</i>	CMW 30978	MT335237	MT412768	MT412986
<i>Ca. cylindrospora</i>	CBS 136425	MT335235	MT412766	MT412984
<i>Ca. eucalypti</i>	CMW 27209	MT335341	MT412872	MT413084
<b><i>Ca. eucalypti</i></b>	<b>ZHKUCC 210013</b>	<b>ON260792</b>	<b>MZ516862</b>	<b>MZ516865</b>
<i>Ca. fujianensis</i>	CMW 27254	MT335250	MT412781	MT412999
<i>Ca. fujianensis</i>	CMW 27257 <sup>T</sup>	MT335249	MT412780	MT412998
<i>Ca. fujianensis</i>	CBS 131802	MT335302	MT412833	MT413047
<i>Ca. gordoniae</i>	CMW 23694 <sup>T</sup>	MT335251	MT412782	MT413000
<b><i>Ca. guangdongensis</i></b>	<b>ZHKUCC 21-0062<sup>T</sup></b>	<b>MZ491127</b>	<b>MZ491149</b>	<b>MZ491171</b>
<b><i>Ca. guangdongensis</i></b>	<b>ZHKUCC 21-0063</b>	<b>MZ491128</b>	<b>MZ491150</b>	<b>MZ491172</b>
<i>Ca. hawksworthii</i>	CBS 111870 <sup>T</sup>	MT335254	MT412785	MT413003
<i>Ca. hawksworthii</i>	CMW 14878	MT335378	MT412909	MT413119
<i>Ca. hawksworthii</i>	CMW 31393	MT335247	MT412778	MT412996
<i>Ca. heveicola</i>	CMW 49913 <sup>T</sup>	MT335255	MT412786	MT413004
<i>Ca. heveicola</i>	CMW 49928	MT335280	MT412811	MT413025
<i>Ca. heveicola</i>	CMW 49935	MT335281	MT412812	MT413026
<i>Ca. honghensis</i>	CERC 5572 <sup>T</sup>	MT335256	MT412787	MT413005
<i>Ca. honghensis</i>	CERC 5571	MT335257	MT412788	MT413006
<i>Ca. hongkongensis</i>	CBS 114828 <sup>T</sup>	MT335258	MT412789	MT413007
<i>Ca. hongkongensis</i>	CERC 7132	MT335261	MT412792	MT413010
<b><i>Ca. hongkongensis</i></b>	<b>ZHKUCC 210016</b>	<b>MZ463742</b>	<b>MZ516838</b>	<b>MZ516851</b>
<i>Ca. ilicicola</i>	CMW30998 <sup>T</sup>	MT335266	MT412797	N/A
<i>Ca. indonesiae</i>	CMW23683 <sup>T</sup>	MT335267	MT412798	MT413015
<i>Ca. indonesiae</i>	CBS 112840	MT335268	MT412799	MT413016
<i>Ca. insularis</i>	CMW 30991 <sup>T</sup>	MT335269	MT412800	MT413017
<i>Ca. insularis</i>	CMW 30992	MT335270	MT412801	MT413018
<i>Ca. kyotensis</i>	CBS 114525 <sup>T</sup>	MT335271	MT412802	MT413019
<i>Ca. kyotensis</i>	CBS 114550	MT335246	MT412777	MT412995

Supplementary Table S1. (Continued)

Species	Culture collection number	GeneBank accession number		
		<i>cmdA</i>	<i>tef1-α</i>	<i>β-tubulin</i>
<i>Ca. kyotensis</i>	CBS 114692	MT335245	MT412776	MT412994
<i>Ca. kyotensis</i>	CERC 7126	MT335356	MT412887	MT413098
<i>Ca. kyotensis</i>	CMW 31411	MT335388	MT412919	MT413126
<i>Ca. lageniformis</i>	CBS 111324 <sup>T</sup>	KX784574	KX784702	KX784632
<i>Ca. lantauensis</i>	CERC 3302 <sup>T</sup>	MT335272	MT412803	N/A
<i>Ca. lantauensis</i>	CERC 3301	MT335273	MT412804	N/A
<i>Ca. lateralis</i>	CMW 31412 <sup>T</sup>	MT335274	MT412805	MT413020
<i>Ca. lichi</i>	CERC 8866 <sup>T</sup>	MT335278	MT412809	MT413023
<i>Ca. lichi</i>	CERC 8850	MT335279	MT412810	MT413024
<i>Ca. lombardiana</i>	CMW 30602 <sup>T</sup>	MT335395	MT412926	MT413133
<i>Ca. hawksworthii</i>	CMW 14878	MT335378	MT412909	MT413119
<i>Ca. maranhensis</i>	CBS 134811 <sup>T</sup>	KM396035	KM395861	KM395948
<i>Ca. maranhensis</i>	CBS 134812	KM396036	KM395862	KM395949
<b><i>Ca. melaleuca</i></b>	<b>ZHKUCC 21-0066<sup>T</sup></b>	<b>MZ491110</b>	<b>MZ491132</b>	<b>MZ491154</b>
<b><i>Ca. melaleuca</i></b>	<b>ZHKUCC 21-0067</b>	<b>MZ491111</b>	<b>MZ491133</b>	<b>MZ491155</b>
<i>Ca. monticola</i>	CBS 140645 <sup>T</sup>	KT964771	KT964773	KT964769
<i>Ca. monticola</i>	CPC 28836	KT964772	KT964774	KT964770
<i>Ca. multiseptata</i>	CMW 23692 <sup>T</sup>	MT335299	MT412830	MT413044
<i>Ca. pacifica</i>	CMW 16726 <sup>T</sup>	MT335311	MT412842	N/A
<i>Ca. pacifica</i>	CMW 30988	MT335312	MT412843	N/A
<i>Ca. paracolhounii</i>	CBS 114679 <sup>T</sup>	KX784582	KX784714	KX784644
<i>Ca. paracolhounii</i>	CBS 114705	N/A	KX784715	KX784645
<i>Ca. penicilloides</i>	CBS 174.55	MT335338	MT412869	MT413081
<i>Ca. plurilateralis</i>	CBS 111401 <sup>T</sup>	MT335340	MT412871	MT413083
<i>Ca. propaginicola</i>	CBS 134815 <sup>T</sup>	KM396040	KM395866	KM395953
<i>Ca. propaginicola</i>	CBS 134816	KM396041	KM395867	KM395954
<i>Ca. propaginicola</i>	CBS 134824	KM396049	KM395875	KM395962
<i>Ca. pseudoreteauidii</i>	CMW 25310 <sup>T</sup>	MT335354	MT412885	MT413096
<i>Ca. pseudoreteauidii</i>	CMW 25292	MT335355	MT412886	MT413097
<i>Ca. pseudoreteauidii</i>	CMW 31487	MT335348	MT412879	MT413090
<i>Ca. pseudoreteauidii</i>	CBS 133349	MT335352	MT412883	MT413094
<i>Ca. queenslandica</i>	CMW 30604 <sup>T</sup>	MT335367	MT412898	MT413108
<i>Ca. queenslandica</i>	CMW 30603	MT335368	MT412899	MT413109
<i>Ca. reteaudii</i>	CMW 30984 <sup>T</sup>	MT335370	MT412901	MT413111
<i>Ca. reteaudii</i>	CMW 16738	MT335371	MT412902	MT413112
<b><i>Ca. shaoguanensis</i></b>	<b>ZHKUCC 210036<sup>T</sup></b>	<b>MZ491112</b>	<b>MZ491134</b>	<b>MZ491156</b>
<b><i>Ca. shaoguanensis</i></b>	<b>ZHKUCC 210037</b>	<b>MZ491113</b>	<b>MZ491135</b>	<b>MZ491157</b>
<b><i>Ca. strelitzensis</i></b>	<b>ZHKUCC 210019<sup>T</sup></b>	<b>MZ491105</b>	<b>MZ491129</b>	<b>MZ491151</b>
<b><i>Ca. strelitzensis</i></b>	<b>ZHKUCC 210047</b>	<b>MZ491106</b>	<b>MZ491130</b>	<b>MZ491152</b>

Supplementary Table S1. (Continued)

Species	Culture accession	GeneBank accession number		
		<i>cmdA</i>	<i>tef1-α</i>	<i>β-tubulin</i>
<b><i>Ca. strelitzensis</i></b>	<b>ZHKUCC 210048</b>	<b>MZ491107</b>	<b>MZ491131</b>	<b>MZ491153</b>
<i>Ca. sumatrensis</i>	CMW 23698 <sup>T</sup>	MT335382	MT412913	N/A
<i>Ca. sumatrensis</i>	CMW 30987	MT335383	MT412914	N/A
<i>Ca. sumatrensis</i>	CBS 112936	MT335380	MT412911	N/A
<i>Ca. syzygiicola</i>	CBS 112831 <sup>T</sup>	N/A	KX784736	KX784663
<i>Ca. tonkinensis</i>	CMW 47430 <sup>T</sup>	MT335384	MT412915	MT413122
<i>Ca. uniseptata</i>	CBS 413.67 <sup>T</sup>	GQ267379	GQ267307	GQ267208
<i>Ca. variabilis</i>	CMW 3187 <sup>T</sup>	MT335392	MT412923	MT413130
<i>Ca. variabilis</i>	CMW 2914	MT335393	MT412924	MT413131
<i>Ca. yunnanensis</i>	CERC 5339 <sup>T</sup>	MT335396	MT412927	MT413134
<i>Ca. yunnanensis</i>	CERC 5337	MT335397	MT412928	MT413135
<i>Ca. yunnanensis</i>	CERC 5376	MT335361	MT412892	MT413103
<i>Curviciadiella cigna</i>	CBS 109167 <sup>T</sup>	KM231287	KM231867	KM232002
<i>Curviciadiella cigna</i>	CBS 109168	KM231286	KM231868	KM232003

T: ex-type isolates of the *Calonectria* species. Sequences produced in this study are in bold. CBS: Westerdijk Fungal Biodiversity Institute, Utrecht, The Netherlands; CERC: China Eucalypt Research Centre, Zhanjiang, Guangdong Province, China; CMW: Culture collection of the Forestry and Agricultural Biotechnology Institute (FABI), University of Pretoria, Pretoria, South Africa; ZHKUCC, Zhongkai University of Agriculture and Engineering Culture Collection. N/A: information is not available.