



Morphological and Molecular Identification of *Dactylonectria macrodidyma* as Causal Agent of a Severe *Prunus lusitanica* Dieback in Italy

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Citation: Pecchia, S.; Caggiano, B.; Da Lio, D.; Resta, E. Morphological and Molecular Identification of *Dactylonectria macrodidyma* as Causal Agent of a Severe *Prunus lusitanica* Dieback in Italy. *Horticulturae* **2023**, *9*, 145. <https://doi.org/10.3390/horticulturae9020145>

Academic Editor: Harald Scherm

Received: 23 December 2022

Revised: 15 January 2023

Accepted: 18 January 2023

Published: 21 January 2023



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Table S1. *Campylocarpon*, *Dactylonectria*, *Ilyonectria* and *Neonectria* species used for phylogenetic analysis.

Species	Isolate code	Source	GenBank accession No.		
			ITS	TUB2	HIS3
<i>Campylocarpon fasciculare</i>	CBS 112613	<i>Vitis vinifera</i>	AY677301	AY677221	JF735502
<i>Dactylonectria estremocensis</i>	CBS 129085	<i>Vitis vinifera</i>	JF735320	JF735448	JF735617
	CPC 13539	<i>Picea glauca</i>	JF735330	JF735458	JF735627
<i>D. macrodidyma</i>	CBS 112601	<i>Vitis vinifera</i>	AY677284	AY677229	JF735644
	CBS 112615	<i>Vitis vinifera</i>	AY677290	AY677233	JF735647
	EFA 446	<i>Vitis vinifera</i>	MF440371	MF797794	MF471474
	CBS 112594	<i>Vitis vinifera</i>	AY677282	AY677231	JF735643
	CBS 112603	<i>Vitis vinifera</i>	AY677285	JF735469	JF735645
	CBS 112605	<i>Vitis vinifera</i>	AY677287	AY677230	JF735646
	CPC 20709	<i>Protea</i> sp.	JX231163	JX231115	JX231147
	DAFE SP16-21	<i>Prunus lusitanica</i>	MK411344	MK411343	OP902554
	DAFE SP16-22	<i>Prunus lusitanica</i>	OP890305	OP902552	OP902553
	CBS 100819	<i>Erica melanthera</i>	EF607090	EF607067	JF735582
<i>D. pauciseptata</i>	CBS 120171	<i>Vitis</i> sp.	EF607089	EF607066	JF735587
	CBS 119.41	<i>Fragaria</i> sp.	JF735349	JF735478	JF735657
<i>D. torresensis</i>	CBS 129086	<i>Vitis vinifera</i>	JF735362	JF735492	JF735681
	CBS 129082	<i>Vitis vinifera</i>	JF735303	JF735431	JF735580
<i>D. vitis</i>	CBS 129082	<i>Vitis vinifera</i>	JF735303	JF735431	JF735580
<i>Ilyonectria coprosmae</i>	CBS 119606	<i>Metrosideros</i> sp.	JF735260	JF735373	JF735505
<i>I. crassa</i>	CBS 139.30	<i>Lilium</i> sp.	JF735275	JF735393	JF735534
	CBS 158.31	<i>Narcissus</i> sp.	JF735276	JF735394	JF735535
<i>I. cyclaminicola</i>	CBS 302.93	<i>Cyclamen</i> sp.	JF735304	JF735432	JF735581
<i>I. europaea</i>	CBS 129078	<i>Vitis vinifera</i>	JF735294	JF735421	JF735567
	CBS 537.92	<i>Aesculus hippocastanum</i>	EF607079	EF607064	JF735568
<i>I. liliigena</i>	CBS 189.49	<i>Lilium regale</i>	JF735297	JF735425	JF735573
	CBS 304.85	<i>Lilium</i> sp.	JF735299	JF735427	JF735575
<i>I. liriodendri</i>	CBS 110.81	<i>Liriodendron tulipifera</i>	DQ178163	DQ178170	JF735507
	CBS 117527	<i>Vitis vinifera</i>	DQ178165	DQ178172	JF735509
<i>I. lusitanica</i>	CBS 129080	<i>Vitis vinifera</i>	JF735296	JF735423	JF735570
<i>I. mors-panacis</i>	CBS 306.35	<i>Panax quinquefolium</i>	JF735288	JF735414	JF735557
	CBS 124662	<i>Panax ginseng</i>	JF735290	JF735416	JF735559
<i>I. pseudodestructans</i>	CBS 117812	<i>Quercus</i> sp.	JF735291	JF735418	JF735561
	CBS 117824	<i>Quercus</i> sp.	JF735292	JF735419	JF735562
	CBS 129081	<i>Vitis vinifera</i>	AJ875330	AM419091	JF735563
<i>I. robusta</i>	CBS 308.35	<i>Panax quinquefolium</i>	JF735264	JF735377	JF735518
	CBS 129084	<i>Vitis vinifera</i>	JF735273	JF735391	JF735532
<i>I. rufa</i>	CBS 153.37	Dune sand	AY677271	AY677251	JF735540
	CBS 640.77	<i>Abies alba</i>	JF735277	JF735399	JF735542
<i>I. venezuelensis</i>	CBS 102032	Bark	AM419059	AY677255	JF735571
<i>Neonectria ditissima</i>	CBS 226.31	<i>Fagus sylvatica</i>	JF735309	DQ789869	JF735594
	CBS 835.97	<i>Salix cinerea</i>	JF735310	DQ789880	JF735595
<i>N. major</i>	CBS 240.29	<i>Alnus incana</i>	JF735308	DQ789872	JF735593
<i>N. neomacrospora</i>	CBS 118984	<i>Arceuthobium tsugense</i>	JF735311	DQ789882	JF735598
<i>N. ramulariae</i>	CBS 151.29	<i>Malus sylvestris</i>	JF735313	JF735438	JF735602
	CBS 182.36	<i>Malus sylvestris</i>	JF735314	JF735439	JF735603

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