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Gilbert and Webb. 10.1073/pnas.0607968104.

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Dataset 1. Sources and identities of pathogens used in host-range testing of fungal pathogens on rainforest tree species in Soberania National Park, Republic of Panama

Site	Strain	Pathogen name (GenBank)	Source plant	Ninocs	Prop susc
NURSERY					
Nursery	P002	<i>Fusarium</i> sp. A (EF423517)	<i>Peltogyne purpurea</i> Pittier (Fabaceae)	28	0.14
Nursery	P006	Unknown taxa	<i>Cordia alliodora</i> (Ruiz & Pav.) Oken (Boraginaceae)	30	0.13
Nursery	P007	<i>Glomerella cingulata</i> C	<i>Peltogyne purpurea</i> Pittier (Fabaceae)	32	0.66
Nursery	P009	<i>Phoma</i> sp. (EF423518)	<i>Brosimum alicastrum</i> Sw. (Moraceae)	27	0.04
Nursery	P011	<i>Pestalotiopsis</i> sp.	<i>Anacardium excelsum</i> (Bertero & Balb. ex Kunth) Skeels (Anacard.)	36	0.42
Nursery	P013	<i>Glomerella cingulata</i> C (EF423519)	<i>Ormosia macrocalyx</i> Ducke (Fabaceae)	29	0.14

Nursery	P014	<i>Diaporthe</i> sp. (EF423520)	<i>Anacardium occidentale</i> L. (Anacardiaceae)	33	0.64
Nursery	P018	Unknown taxa	<i>Inga spectabilis</i> (Valh) Willd. (Fabaceae)	32	0.44
Nursery	P021	<i>Diaporthe</i> sp. E (EF423521)	<i>Chrysophyllum cainito</i> L. (Sapotaceae)	28	0.11
Nursery	P024	<i>Cylindrocladium</i> sp. A	<i>Manilkara zapota</i> (L.) P. Royen (Sapotaceae)	19	0.95
Nursery	P029	<i>Pestalotiopsis</i> sp. (EF423522)	<i>Hieronyma alchorneoides</i> Allemão (Euphorbiaceae)	32	0.41
Nursery	P031	<i>Diaporthe</i> sp. B (EF423523)	<i>Virola surinamensis</i> (Rol. ex Rottb.) Warb. (Myristicaceae)	36	0.08
Nursery	P032	Unknown taxa	<i>Trichilia hirta</i> L. (Meliaceae)	22	0.73

PLOT 1

Plot 1	P073	Unknown taxa	<i>Costus villosissimus</i> Jacq. (Costaceae)	17	0.12
Plot 1	P075	<i>Glomerella cingulata</i> C (EF423539)	<i>Piper cordulatum</i> C. DC. (Piperaceae)	12	0.17
Plot 1	P078	<i>Glomerella cingulata</i> (EF423540)	<i>Matayba scrobiculata</i> Radlk. (Sapindaceae)	16	0.50
Plot 1	P082	Unknown taxa	<i>Lindackeria laurina</i> C. Presl (Salicaceae)	14	0.07
Plot 1	P087	Unknown taxa	<i>Amaioua corymbosa</i> Kunth (Rubiaceae)	17	0.35
Plot 1	P089	<i>Pestalotiopsis</i> sp. C (EF423541)	<i>Odontodenia punctulosa</i> (Rich.) Pulle (Apocynaceae)	16	0.69
Plot 1	P096	Unknown taxa	<i>Faramea occidentalis</i> (L.) A. Rich. (Rubiaceae)	15	0.40

Plot 1	P099	<i>Glomerella cingulata</i> C	<i>Virola sebifera</i> Aubl. (Myristicaceae)	12	0.17
Plot 1	P102	Unknown taxa	<i>Vochysia ferruginea</i> Mart. (Vochysiaceae)	14	0.43
Plot 1	P106	<i>Xylaria</i> sp. B	<i>Oenocarpus mapora</i> H. Karst. (Arecaceae)	16	0.25
Plot 1	P118	<i>Diaporthe</i> sp. D (EF423542)	<i>Vochysia ferruginea</i> Mart. (Vochysiaceae)	15	0.07
Plot 1	P121	<i>Rosellinia necatrix</i> (EF423543)	<i>Tachigali versicolor</i> Standl. & L.O. Williams (Fabaceae)	15	0.13

PLOT 2

Plot 2	P033	<i>Diaporthe</i> sp. D (EF423524)	<i>Acalypha diversifolia</i> Jacq. (Euphorbiaceae)	15	0.40
Plot 2	P035	<i>Pestalotiopsis</i> sp. C (EF423525)	<i>Virola sebifera</i> Aubl. (Myristicaceae)	15	0.20
Plot 2	P038	<i>Glomerella cingulata</i> C (EF423526)	<i>Poulsenia armata</i> (Miq.) Standl. (Moraceae)	17	0.29
Plot 2	P040	Unknown taxa	<i>Herrania purpurea</i> (Malvaceae)	16	0.44
Plot 2	P042	<i>Glomerella cingulata</i> C (EF423527)	<i>Pharus latifolius</i> L. (Poaceae)	16	0.50
Plot 2	P045	<i>Pestalotiopsis thaea</i> (EF423528)	<i>Piper</i> 02 (Piperaceae)	17	0.59
Plot 2	P046	<i>Diaporthe</i> sp. A (EF423529)	<i>Croton billbergianus</i> Mull. Arg. (Euphorbiaceae)	15	0.07
Plot 2	P047	<i>Podospora</i> sp. A (EF423530)	<i>Attalea butyracea</i> (Mutis ex L. f.) Wess. Boer (Arecaceae)	15	0.40
Plot 2	P049	<i>Xylaria</i> sp. (EF423531)	<i>Hasseltia floribunda</i> Kunth (Malvaceae)	16	0.19

Plot 2	P051	<i>Diaporthe</i> sp. C (EF423532)	<i>Protium panamense</i> (Rose) I.M. Johnst. (Burseraceae)	17	0.06
Plot 2	P054	<i>Botryosphaeria rhodina</i> B (EF423533)	<i>Anacardium excelsum</i> (Bertero & Balb. ex Kunth) Skeels (Anacard.)	17	0.29
Plot 2	P055	<i>Xylaria</i> sp. C (EF423534)	<i>Inga</i> 20 (Fabaceae)	16	0.19
Plot 2	P060	<i>Glomerella cingulata</i> (EF423535)	<i>Faramea occidentalis</i> (L.) A. Rich. (Rubiaceae)	16	0.06
Plot 2	P063	<i>Pestalotiopsis</i> sp. C (EF423536)	<i>Calathea inocephala</i> (Kuntze) H.Kenn. & Nicolson (Marantaceae)	14	0.36
Plot 2	P066	<i>Myrothecium</i> sp. (EF423537)	<i>Philodendron</i> 02 (Araceae)	14	0.14
Plot 2	P071	<i>Diaporthe</i> sp. (EF423538)	<i>Astrocaryum standleyanum</i> L.H. Bailey (Arecaceae)	15	0.00

PLOT 3

Plot 3	P123	Unknown taxa	<i>Lindackeria laurina</i> C. Presl (Salicaceae)	11	0.00
Plot 3	P124	<i>Xylaria hypoxylon</i> A (EF423546)	<i>Heliconia vaginalis</i> Benth. (Heliconiaceae)	12	1.00
Plot 3	P130	<i>Botryosphaeria rhodina</i> B (EF423547)	<i>Hirtella americana</i> L. (Chrysobalanaceae)	13	0.31
Plot 3	P131	Unknown taxa	<i>Attalea butyracea</i> (Mutis ex L. f.) Wess. Boer (Arecaceae)	13	0.08
Plot 3	P132	<i>Glomerella cingulata</i> C (EF423548)	<i>Piper cordulatum</i> C. DC. (Piperaceae)	11	0.55
Plot 3	P133	<i>Diaporthe</i> sp. B (EF423549)	<i>Cupania rufescens</i> Triana & Planch. (Sapindaceae)	13	0.08
Plot 3	P142	<i>Diaporthe</i> sp. C (EF423550)	<i>Protium costaricense</i> (Rose) Engl. (Burseraceae)	11	0.27

Plot 3	P145	<i>Pestalotiopsis</i> sp. D (EF423551)	<i>Pharus latifolius</i> L. (Poaceae)	11	0.73
Plot 3	P147	<i>Glomerella cingulata</i> C (EF423552)	<i>Guarea guidonia</i> (L.) Sleumer (Meliaceae)	12	0.17
Plot 3	P156	<i>Pestalotiopsis</i> sp. D (EF423553)	<i>Faramea occidentalis</i> (L.) A. Rich. (Rubiaceae)	14	0.50
Plot 3	P159	<i>Diaporthe</i> sp. D (EF423554)	<i>Inga pezizifera</i> Benth. (Fabaceae)	13	0.15
Plot 3	P160	<i>Pestalotiopsis</i> sp. A (EF423555)	<i>Picramnia latifolia</i> Tul. (Simaroubaceae)	14	0.29

Pathogen identifications are based on morphology and 18S rDNA sequences (ITS1 and 2); generic identity was determined by BLAST search comparisons to sequences available in GenBank, but only rarely were close matches to particular species available. GenBank accession numbers are given as (EF#####). Within a fungal genus, sequences were aligned using ClustalW and analyzed using PAUP 4.0b10 (Sinauer and Associates, Inc., Sunderland MA) (Likelihood method, 80% or greater bootstrap values; generally >5% sequence divergence between "species"). Within each site, a pathogen was inoculated onto all the other source hosts, plus a few others at intermediate phylogenetic distance. Also shown is the number of plant species inoculated and the proportion of those inoculations that produced susceptible reactions.

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