

Supplementary Information for

«Revealing hidden insect-fungus interactions; moderately specialized,
modular and anti-nested detritivore networks»

by

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Table S1) Network data for all fungi annotated to species or genus isolated from wood-inhabiting beetles

Species/genus	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects
Fungi	Acr.inf	Aga.nig	Aga.sp	Ani.hum	Anb.sp	Ant.sp	Cis.bol	End.coc	Epu.sp	Gli.hor	Gli.qua	Oxy.alt	Que.sp	Rhi.sp	Sep.lit	Try.dom	Xyl.lae	
Alternaria_alternata	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
Alternaria_infectoria	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	1
Amylocystis_laponica	0	1	0	0	0	0	1	0	1	1	0	2	0	0	1	0	0	0
Anguillospora_sp.	0	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
Annulohypoxylon_multiforme	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Antrodiella_parasitica	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arachnopeziza_sp.	1	0	0	0	2	1	0	2	0	10	3	0	3	0	0	0	0	0
Articulospora_atra	0	0	0	0	0	0	0	0	1	1	1	3	0	0	0	0	0	0
Ascocoryne_sarcoides	0	0	0	0	1	0	0	0	4	0	0	0	0	1	0	0	1	0
Aspergillus_tubingensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Aspergillus_westerdijkae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Asterotremella_musci	0	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0
Aureobasidium_pullulans	1	1	0	0	0	0	0	0	1	0	3	2	0	1	0	0	0	1
Basidiobolus_haptosporus	0	1	1	0	0	2	0	0	0	0	4	0	2	2	0	0	0	0
Basidiobolus_ranarum	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basidiobolus_sp.	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Beauveria_bassiana	0	0	0	0	0	0	0	0	1	1	2	0	0	2	0	0	0	0
Bensingtonia_yamatoana	1	1	1	0	1	2	0	1	0	5	10	1	1	1	1	1	0	0
Botryotinia_fuckeliana	0	0	0	0	1	1	0	4	1	2	1	0	1	0	0	0	0	1
Bullera_sp.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Cadophora_melinii	1	0	1	0	0	0	0	0	1	0	10	4	0	0	3	0	0	0
Cadophora_sp.	0	0	0	0	0	0	1	0	0	0	15	7	0	0	6	0	0	1
Calcarisporium_sp.	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Candida_fructus	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0
Candida_mesenterica	2	5	0	0	2	0	0	7	0	45	30	1	3	17	1	1	0	0
Candida_sake	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Candida_schatavii	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Candida_sp.	0	7	1	0	4	5	0	8	5	48	30	1	3	23	2	0	1	0
Candida_trypodendroni	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	1	0
Capnobotryella_renispora	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1
Capnodium_sp.	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0
Capronia_pulcherrima	0	2	0	0	0	0	0	0	7	0	13	5	0	0	2	0	0	0
Capronia_sp.	1	0	0	0	2	0	0	0	1	0	9	2	1	1	1	0	1	0
Carcinomyces_polyporina	0	0	0	0	0	0	0	0	1	0	1	2	0	1	0	0	0	0
Cephalotrichum_nanum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Ceramothyrium_sp.	1	1	0	0	1	0	0	0	0	1	2	1	1	1	1	0	0	0
Ceratocystiopsis_minuta	0	2	0	0	0	0	0	0	0	0	2	3	0	0	1	0	0	0
Ceratocystis_paradoxa	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Chaenothecopsis_savonica	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaetosphaeria_sp.	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
Chalara_hyalocuspica	0	2	0	0	1	0	0	4	1	11	5	0	0	4	0	1	0	0
Chalara_microspora	0	0	0	0	1	1	0	1	0	2	0	0	0	1	0	0	0	1
Chalara_piceae-abietis	0	2	1	0	2	1	0	9	1	37	11	1	6	1	2	0	2	0
Chalara_pseudoaffinis	1	0	0	0	2	0	0	3	0	3	1	0	1	0	1	0	1	0
Chalara_sp.	0	1	0	0	1	2	0	11	2	30	12	0	4	4	1	0	2	0
Chondrostereum_purpureum	2	8	3	0	3	1	0	15	0	16	21	0	1	7	2	0	2	0
Chytridiomycota_sp.	0	0	0	0	0	1	0	1	0	0	5	2	0	0	1	0	0	0

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Fungi	Acr.inf	Aga.nig	Aga.sp	Ani.hum	Anb.sp	Ant.sp	Cis.bol	End.coc	Epu.sp	Gli.hor	Gli.qua	Oxy.alt	Que.sp	Rhi.sp	Sep.lit	Try.dom	Xyl.lae
Lirula_yunnanensis	0	0	0	0	0	0	0	0	2	1	6	0	0	3	0	0	0
Lophiostoma_corticola	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Lophiostoma_sp.	0	0	0	0	0	0	0	0	2	0	3	0	0	0	0	0	0
Lophium_mytilinum	0	0	0	0	0	0	0	0	1	0	2	1	0	0	1	0	0
Lophodermium_conigenum	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lophodermium_piceae	4	1	1	0	5	1	0	13	3	35	22	1	5	10	2	0	3
Malassezia_equina	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Malassezia_restricta	2	4	4	0	1	0	1	3	1	4	3	1	0	4	2	0	1
Malassezia_symptodialis	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Massarina_sp.	0	0	0	0	0	0	0	4	0	4	2	1	0	0	0	0	0
Mastigobasidium_intermedium	0	7	1	1	5	5	0	14	2	45	31	0	4	20	2	0	1
Meliniomyces_variabilis	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Meliniomyces_vraolstadae	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Micarea_sp.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microsphaeropsis_olivacea	0	0	1	0	1	1	0	2	2	6	5	0	1	0	0	0	2
Microstroma_bacarum	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Minimelanolocus_obscurus	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0
Mollisia_sp.	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0
Monilinia_sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Mortierella_amoeboidea	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1
Mortierella_macrozystis	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Mortierella_minutissima	0	0	1	0	0	0	0	1	0	2	0	0	0	0	0	0	0
Mortierella_parvispora	0	0	0	0	0	2	0	2	1	3	1	0	1	0	0	0	0
Mortierella_pulchella	0	0	0	0	0	3	0	0	0	1	0	0	2	0	0	0	0
Mortierella_sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Mortierella_zychae	0	1	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0
Mrakia_frigida	0	3	0	0	0	2	0	2	0	32	17	0	1	12	2	0	0
Mucor_genevensis	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Mucor_hiemalis	0	0	0	0	1	1	0	9	1	1	0	1	0	1	0	0	0
Mucor_luteus	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
Mycena_rubromarginata	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0
Mycocentrospora_acerina	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Mycosphaerella_grossulariae	0	0	1	0	1	2	0	1	0	0	1	0	0	0	0	0	0
Myrmecridium_sp.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Naematelia_aurantialba	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
Naganishia_adeliensis	0	0	1	0	0	1	0	1	0	1	4	1	0	2	1	0	0
Nakazawaea_anatomiae	0	1	0	0	1	1	0	0	0	20	8	0	1	8	0	0	0
Nakazawaea_populi	0	1	0	0	1	2	0	1	0	26	17	0	1	9	0	0	0
Neonectria_fuckeliana	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0
Neonectria_obtusispora	0	1	1	0	0	0	0	3	0	8	7	0	0	1	0	0	0
Neonectria_punicea	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0
Neonectria_sp.	0	2	1	0	0	0	0	4	0	7	4	0	0	2	0	0	0
Neosetophoma_samarorum	0	0	0	0	0	0	0	4	0	4	3	0	0	0	0	0	0
Oidiodendron_sp.	0	0	0	0	1	2	0	0	0	0	0	0	2	1	0	0	0
Oidiodendron_tenuissimum	0	0	0	0	0	2	0	3	0	0	1	0	0	0	0	0	1
Ophiostoma_canum	0	2	0	0	0	0	0	0	2	3	15	1	2	3	1	0	0
Ophiostoma_karelicum	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	0
Ophiostoma_piceae	0	0	0	0	0	0	0	0	1	0	2	0	1	1	0	0	0

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Fungi	Acr.inf	Aga.nig	Aga.sp	Ani.hum	Anb.sp	Ant.sp	Cis.bol	End.coc	Epu.sp	Gli.hor	Gli.qua	Oxy.alt	Que.sp	Rhi.sp	Sep.lit	Try.dom	Xyl.lae
Ophiostoma_quercus	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Ophiostoma_tetropii	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0
Paraphoma_sp.	0	0	0	0	0	0	0	0	3	0	4	0	0	0	0	0	0
Parascedosporium_putredinis	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Penicillium_brevicomactum	0	0	0	0	0	0	0	0	2	2	0	1	0	1	0	0	0
Penicillium_raistrickii	0	0	0	0	0	0	1	0	6	1	2	3	0	0	0	0	2
Periconia_sp.	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	2	0
Peterozyma_toletana	1	2	0	0	0	0	1	0	0	0	17	23	0	1	3	1	0
Pezicula_melanigena	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Phacidium_lacerum	0	0	0	0	0	0	0	0	2	0	5	7	0	0	2	0	1
Phaeocryptopus_gaeumannii	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0
Phaeosphaeria_pontiformis	0	0	0	0	0	0	1	0	1	0	2	1	0	0	0	0	0
Phaeotremella_pseudofoliacea	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	1
Phialea_strobilina	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Phialemoniopsis_sp.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phialocephala_humicola	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Phialocephala_sp.	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0
Phialophora_atrovirens	0	0	0	0	0	2	1	0	1	0	10	10	1	1	4	0	0
Phialophora_bubakii	3	9	3	1	4	3	3	0	16	2	48	31	2	5	22	2	0
Phialophora_sessilis	1	0	0	0	0	2	1	0	3	2	8	2	2	1	0	1	0
Phialophora_sp.	0	0	1	0	0	0	0	0	0	0	24	17	1	1	7	0	0
Phialophoropsis_ferruginea	0	0	0	0	0	0	0	0	0	1	1	3	0	0	0	1	1
Phlebia_centrifuga	0	0	1	0	0	0	0	0	2	0	2	1	0	0	2	0	0
Piloderma_sp.	0	0	0	0	0	0	1	0	5	0	1	0	0	0	0	0	0
Piskurozyma_cylindrica	0	0	1	0	0	0	0	0	1	0	5	8	0	0	1	1	0
Placynthiella_icmalea	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Platismatia_glauca	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0
Podosphaera_clandestina	1	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0
Podosphaera_sp.	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Polyscytalum_sp.	1	1	0	0	0	1	1	0	0	0	2	1	0	1	0	0	1
Powellomyces_sp.	0	0	0	0	0	0	1	0	2	1	6	3	0	0	2	0	0
Protomyces_sp.	3	2	1	1	2	3	3	0	1	0	15	2	1	1	2	0	3
Pseudocercospora_fraxini	1	0	0	0	0	0	2	0	4	1	7	3	0	3	1	0	2
Pseudochaete_intricata	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Pseudogymnoascus_sp.	0	0	0	0	0	1	0	0	2	1	5	3	0	2	1	2	1
Pseudopenidiella_piceae	0	0	0	0	0	0	1	0	2	0	2	1	0	0	0	0	0
Pseudopenidiella_sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Pseudopithomyces_chartarum	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Pycnopulvinus_aurantiacus	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Pycnopulvinus_sp.	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Pyrenochaeta_sp.	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Ramichloridium_pini	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ramularia_stellenboschensis	0	0	0	0	0	0	1	0	1	0	4	2	0	2	1	0	3
Resinicium_bicolor	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0
Rhinochlaeniella_sp.	2	3	0	0	0	4	0	0	2	0	22	16	0	2	6	1	2
Rhizosphaera_kalkhoffii	1	1	0	0	0	2	4	0	5	2	15	9	0	1	3	0	3
Rhizosphaera_sp.	0	1	1	0	0	2	1	0	3	0	35	26	0	3	12	2	0
Rhodotorula_colostri	1	0	2	0	0	3	2	0	1	1	6	5	2	2	0	0	2

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Rhodotorula_glacialis	0	0	0	0	0	0	2	0	0	0	8	11	0	1	5	2	0	0
Rhodotorula_lignophila	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
Rhodotorula_mucilaginosa_var._muc	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhodotorula_pilati	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0
Rhodotorula_silvestris	0	0	0	0	0	1	1	0	0	1	1	2	0	0	0	0	0	0
Rhodotorula_sp.	0	0	0	0	0	2	1	0	1	0	15	7	1	0	2	0	0	0
Rhodotorula_yarrowii	0	0	0	0	0	1	1	0	1	1	2	0	0	0	0	0	0	0
Saccharicola_bicolor	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Sarocladium_strictum	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Schizophyllum_commune	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Scleroconidioma_sp.	0	1	0	0	0	0	1	0	1	0	13	7	0	1	2	0	0	0
Scolecobasidium_sp.	0	0	0	0	0	0	0	0	2	0	1	0	0	1	0	0	0	0
Scopuloides_rimosa	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Septoria_sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Septoria_tanacetii	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Simplicillium_lamellicola	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0
Simplicillium_sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Sirococcus_sp.	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Sistotrema_brinkmannii	0	0	1	1	0	0	0	0	9	0	2	1	0	1	0	2	0	0
Solenopezia_solenia	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
Solicoccozyma_terricola	0	1	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0
Sorocybe_sp.	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	2
Sphaerellopsis_filum	2	3	0	1	0	0	0	0	1	1	10	5	1	3	4	0	1	2
Sphaeria_chrysoesperma	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Spizellomyces_pseudodichotomus	0	0	0	1	1	1	0	0	0	0	7	4	0	1	2	0	0	0
Sporendocladia_bactrospora	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Sporobolomyces_falcatus	0	0	0	0	0	4	0	0	0	2	0	3	0	0	0	0	0	0
Sporobolomyces_inositophilus	1	4	1	0	5	3	0	6	2	38	21	0	1	7	2	0	0	1
Sporobolomyces_sp.	0	0	1	0	3	1	0	1	1	10	1	0	0	0	0	0	0	0
Squamarina_sp.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Stagonospora_sp.	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Stereum_sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Strumella_sp.	0	1	0	0	0	0	0	0	7	0	6	4	0	0	2	0	0	0
Sugitazyma_miyagiana	0	0	0	0	0	1	0	0	0	0	5	0	0	0	0	0	0	0
Suhomyces_tanzawaensis	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0
Sydowia_polyspora	1	3	1	0	2	3	0	5	0	17	3	4	1	1	0	0	0	2
Taphrina_sp.	0	1	0	0	2	1	0	2	0	5	4	0	0	1	0	1	1	1
Tetracladium_sp.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Teunomyces_kruisii	0	1	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0
Thekopsora_areolata	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
Thysanophora_penicillioides	2	1	2	1	5	6	0	15	4	19	5	0	5	0	3	0	0	3
Tolypocladium_sp.	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Trametes_versicolor	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0
Trechispora_sp.	0	1	0	0	0	1	0	0	0	0	1	0	1	0	1	0	0	0
Tremella_globispora	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	1
Tremella_sp.	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0
Trichaptum_abietinum	0	1	0	0	0	0	0	0	1	0	2	1	0	1	0	0	0	0
Trichoderma_polysporum	0	1	0	0	0	0	0	0	0	1	2	1	0	0	1	0	0	0

Species/genus	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects	Insects		
Fungi	Acr.inf	Aga.nig	Aga.sp	Ani.hum	Anb.sp	Ant.sp	Cis.bol	End.coc	Epu.sp	Gli.hor	Gli.qua	Oxy.alt	Que.sp	Rhi.sp	Sep.lit	Try.dom	Xyl.lae		
Trichosporon_sp.	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	
Tricladium_attenuatum	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Troposporella_monilipes	0	6	1	0	0	0	0	0	5	0	28	13	0	2	3	1	0	0	1
Tryblidiopsis_pinastri	0	1	0	0	0	0	0	0	0	0	3	4	0	0	1	0	0	0	1
Umbelopsis_ramanniana	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Umbilicaria_rigida	0	1	0	0	1	1	0	3	0	2	0	1	0	4	0	0	0	0	0
Venturia_inaequalis	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	1
Veronaea_sp.	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0
Verticillium_sp.	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Vishniacozyma_follicola	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Vishniacozyma_victoriae	1	0	1	0	1	1	0	3	4	12	7	0	0	0	0	0	0	0	2
Vulpicida_pinastri	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Wickerhamomyces_sp.	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
Xenochalara_juniperi	0	0	0	0	1	1	0	4	0	8	0	0	2	1	0	0	0	0	1
Zalerion_sp.	0	1	0	0	0	2	0	3	0	18	7	1	0	3	0	0	0	0	0

Table S2) Abbreviations and references for insect symbiont fungi

Insect symbiont fungi	Abbreviation	Species (old genus)	Reference
Candida	Can.sp	Candida	Gibson & Hunter 2010; Klimaszewski et al 2013; Grünwald et al 2010; Houseknecht et al 2011; Hu et al 2015; Zhang et al 2003; Nguyen et al 2006; Suh et al 2004; Suh et al 2005; Suh et al 2006; Suh et al 2013
Candida fructus	Can.fru	Candida fructus	Gibson & Hunter 2010; Klimaszewski et al 2013; Grünwald et al 2010; Houseknecht et al 2011; Hu et al 2015; Zhang et al 2003; Nguyen et al 2006; Suh et al 2004; Suh et al 2005; Suh et al 2006; Suh et al 2013
Candida mesenterica	Can.mes	Teunomyces (Candida) kruisii	Gibson & Hunter 2010; Klimaszewski et al 2013; Grünwald et al 2010; Houseknecht et al 2011; Hu et al 2015; Zhang et al 2003; Nguyen et al 2006; Suh et al 2004; Suh et al 2005; Suh et al 2006; Suh et al 2013
Candida sake	Can.sak	Candida mesenterica	Gibson & Hunter 2010; Klimaszewski et al 2013; Grünwald et al 2010; Houseknecht et al 2011; Hu et al 2015; Zhang et al 2003; Nguyen et al 2006; Suh et al 2004; Suh et al 2005; Suh et al 2006; Suh et al 2013
Candida schatavii	Can.sch	Candida sake	Gibson & Hunter 2010; Klimaszewski et al 2013; Grünwald et al 2010; Houseknecht et al 2011; Hu et al 2015; Zhang et al 2003; Nguyen et al 2006; Suh et al 2004; Suh et al 2005; Suh et al 2006; Suh et al 2013
Candida trypodendroni	Can.try	Candida schatavii	Gibson & Hunter 2010; Klimaszewski et al 2013; Grünwald et al 2010; Houseknecht et al 2011; Hu et al 2015; Zhang et al 2003; Nguyen et al 2006; Suh et al 2004; Suh et al 2005; Suh et al 2006; Suh et al 2013
Carcinomyces polyporina	Car.pol	Suhomyces (Candida) tanzawaensis	Gibson & Hunter 2010; Klimaszewski et al 2013; Grünwald et al 2010; Houseknecht et al 2011; Hu et al 2015; Zhang et al 2003; Nguyen et al 2006; Suh et al 2004; Suh et al 2005; Suh et al 2006; Suh et al 2013
Cryptococcus	Cry.sp	Candida trypodendroni	Gibson & Hunter 2010; Klimaszewski et al 2013; Grünwald et al 2010; Houseknecht et al 2011; Hu et al 2015; Zhang et al 2003; Nguyen et al 2006; Suh et al 2004; Suh et al 2005; Suh et al 2006; Suh et al 2013
Cryptococcus aff.amylolyticus	Cry.amy	Carcinomyces polyporina	Suh et al 2005
Cryptococcus huempii	Cry.hue	Cryptococcus	Suh et al 2005; Zhang et al 2003
Cryptococcus neoformans var. uniguttulatum	Cry.uni	Naganishia (Cryptococcus) adeliensis	Suh et al 2005; Zhang et al 2003
Cryptococcus stepposus	Cry.ste	Cryptococcus aff.amylolyticus	Suh et al 2005; Zhang et al 2003
Debaryomyces hansenii	Deb.han	Piskurozyma (Cryptococcus) cylindricus	Suh et al 2005; Zhang et al 2003
Filobasidium wieringae	Fil.wie	Vishniacozyma (Cryptococcus) foliicola	Suh et al 2005; Zhang et al 2003
Fusarium solani	Fus.sol	Cryptococcus huempii	Suh et al 2005; Zhang et al 2003
Leucosporidium	Leu.sp	Cryptococcus stepposus	Suh et al 2005; Zhang et al 2003
Naematelia aurantialba	Nae.aur	Solicoccozyma (Cryptococcus) terricola	Suh et al 2005; Zhang et al 2003
Naganishia adeliensis	Nag.ade	Vishniacozyma (Cryptococcus) victoriae	Suh et al 2005; Zhang et al 2003
Ophiostoma canum	Oph.can	Filobasidium (Cryptococcus) wieringae	Suh et al 2005; Zhang et al 2003
Ophiostoma karelicum	Oph.kar	Debaryomyces hansenii	Suh et al 2005
Ophiostoma piceae	Oph.pic	Cryptococcus neoformans var. uniguttulatum	Suh et al 2005; Zhang et al 2003
Ophiostoma quercus	Oph.que	Fusarium solani	Six 2012
Ophiostoma tetropii	Oph.tet	Leucosporidium	Suh et al 2005
Phaeotremella pseudofoliacea	Pha.fol	Ophiostoma canum	Gibson & Hunter 2010; Kirisits 2007
Phialophoropsis ferruginea	Phi.fer	Ophiostoma karelicum	Gibson & Hunter 2010; Kirisits 2007
Piskurozyma cylindrica	Pis.cyl	Ophiostoma piceae	Six 2012; Kirisits 2007
Solicoccozyma terricola	Sol.ter	Ophiostoma quercus	Gibson & Hunter 2010; Kirisits 2007
Suhomyces tanzawaensis	Suh.tan	Ophiostoma tetropii	Gibson & Hunter 2010; Kirisits 2007
Taphrina	Tap.sp	Phialophoropsis ferruginea	Vega & Blackwell 2005; Kirisits 2007
Teunomyces kruisii	Teu.kru	Taphrina	Suh et al 2005
Tremella	Tre.sp	Tremella	Suh et al 2005
Tremella globispora	Tre.glo	Tremella aurantialba	Suh et al 2005
Trichosporon	Tri.sp	Tremella globospora	Suh et al 2005
Vishniacozyma foliicola	Vis.fol	Phaeotremella (Tremella foliacea) pseudofoliacea	Suh et al 2005
Vishniacozyma victoriae	Vis.vic		

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Table S3) Abbreviations and references for wood-decay fungi

Wood-living fungi	Abbreviation	Guild reference
Amylocystis lapponica	Amy.lap	Ryvarden & Melo 2014
Antrodiella parasitica	Ant.par	Ryvarden & Melo 2014
Chondrostereum purpureum	Cho.pur	Bernicchia & Gorjón 2010
Corticium roseum	Cor.ros	Bernicchia & Gorjón 2010
Fibulorhizoctonia	Fib.sp	Nguyen et al 2016
Fomes fomentarius	Fom.fom	Ryvarden & Melo 2014
Fomitopsis pinicola	Fom.pin	Ryvarden & Melo 2014
Kneiffiella abieticola	Kne.abi	Ottosson et al 2015; Nguyen et al 2016
Kuehneromyces lignicola	Kue.lig	Ottosson et al 2015; Nguyen et al 2016
Mycena rubromarginata	Myc.rub	Knudsen & Vesterholt 2012
Peniophora	Peni.sp	Andreasen & Hallenberg 2009; Nguyen et al 2016
Phlebia centrifuga	Phl.cen	Ryvarden & Melo 2014
Pseudochaete intricata	Pse.int	Nguyen et al 2016
Resinicium bicolor	Res.bic	Ottosson et al 2015
Schizophyllum commune	Sch.com	Nguyen et al 2016
Scopuloides rimosa	Sco.rim	Nguyen et al 2016
Sistotrema brinkmannii	Sis.bri	Bernicchia & Gorjón 2010; Nguyen et al 2016
Stereum	Ste.sp	Nguyen et al 2016
Trametes versicolor	Tra.ver	Ryvarden & Melo 2014
Trechispora	Tre.sp	Nguyen et al 2016
Trichaptum abietinum	Tri.abi	Ryvarden & Melo 2014
Heterobasidion	Het.sp	Nguyen et al 2016

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Table S4) Abbreviations and references for plant pathogenic fungi.

Plant pathogen fungi	Abbreviation	Guild reference
Alternaria_alternata	Alt.alt	Tedersoo et al. 2014
Alternaria_infectoria	Alt.inf	Tedersoo et al. 2014
Botryotinia_fuckeliana	Bot.fuc	Tedersoo et al. 2014
Ceratocystis_paradoxa	Cer.par	Tedersoo et al. 2014
Sphaeria_chrysosperma	Sph.chr	Tedersoo et al. 2014
Dactylaria_dimorphospora	Dac.dim	Nguyen et al. 2016
Devriesia	Dev.sp	Tedersoo et al. 2014
Exobasidium	Exo.sp	Tedersoo et al. 2014
Exobasidium_arescens	Exo.are	Tedersoo et al. 2014
Exobasidium_bisporum	Exo.bis	Tedersoo et al. 2014
Exobasidium_maculosum	Exo.mac	Tedersoo et al. 2014
Fusarium_ciliatum	Fus.cil	Tedersoo et al. 2014
Fusicolla_merismoides	Fus.mes	Tedersoo et al. 2014
Fusarium_tricinatum	Fus.tri	Tedersoo et al. 2014
Grosmannia_cucullata	Gro.cuc	Tedersoo et al. 2014
Grosmannia_francke-grosmanniae	Gro.fra	Tedersoo et al. 2014
Hortaea	Hor.sp	Tedersoo et al. 2014
Hyalopeziza	Hya.sp	Nguyen et al. 2016
Ilyonectria_hubeiensis	Ily.hub	Tedersoo et al. 2014
Leptographium	Lepg.sp	Nguyen et al. 2016
Leptographium_piriforme	Lepg.pir	Nguyen et al. 2016
Leptosphaeria	Lep.sp	Tedersoo et al. 2014
Libertella	Lib.sp	Nguyen et al. 2016
Lirula_yunnanensis	Lir.yun	Nguyen et al. 2016
Lophodermium_conigenum	Lop.con	Tedersoo et al. 2014
Lophodermium_piceae	Lop.pic	Tedersoo et al. 2014
Melampsora	Mel.sp	Tedersoo et al. 2014
Mollisia	Mol.sp	Tedersoo et al. 2014
Monilinia	Mon.sp	Tedersoo et al. 2014
Mycocentrospora_acerina	Mycc.ace	Nguyen et al. 2016
Neonectria	Neo.sp	Tedersoo et al. 2014
Neonectria_fuckeliana	Neo.fuc	Tedersoo et al. 2014
Neonectria_obtusispora	Neo.obt	Tedersoo et al. 2014
Neonectria_punicea	Neo.pun	Tedersoo et al. 2014
Parascedosporium_putredinis	Par.put	Nguyen et al. 2016
Pezicula_melanigena	Pez.mel	Tedersoo et al. 2014
Phacidium_lacerum	Phac.lac	Nguyen et al. 2016
Phaeocryptopus_gaeumannii	Phae.gae	Nguyen et al. 2016
Podosphaera	Pod.sp	Tedersoo et al. 2014
Podosphaera_clandestina	Pod.cla	Tedersoo et al. 2014
Polyscytalum	Pol.sp	Tedersoo et al. 2014
Powellomyces	Pow.sp	Nguyen et al. 2016
Protomyces	Pro.sp	Tedersoo et al. 2014
Pseudocercospora_fraxini	Pse.fra	Tedersoo et al. 2014
Thekopsora_areolata	The.are	Tedersoo et al. 2014
Ramichloridium_pini	Rami.pin	Tedersoo et al. 2014
Ramularia_stellenboschensis	Ramu.stel	Tedersoo et al. 2014
Rhizosphaera	Rhi.sp	Nguyen et al. 2016

Rhizosphaera_kalkhoffii	Rhi.kal	Nguyen et al. 2016
Scleroconidioma	Scl.sp	Tedersoo et al. 2014
Mycosphaerella_grossulariae	Myc.gros	Tedersoo et al. 2014
Septoria	Sep.sp	Tedersoo et al. 2014
Septoria_tanacetii	Sep.tan	Tedersoo et al. 2014
Sirococcus	Sir.sp	Tedersoo et al. 2014
Spizellomyces_pseudodichotomus	Spi.pse	Tedersoo et al. 2014
Sporendocladia_bactrospora	Spo.bac	Tedersoo et al. 2014
Stagonospora	Sta.sp	Tedersoo et al. 2014
Tryblidiopsis_pinastri	Try.pin	Tedersoo et al. 2014
Venturia_inaequalis	Ven.ina	Nguyen et al. 2016
Verticillium	Ver.sp	Tedersoo et al. 2014
Leptobacillium leptobactrum	Lept.lep	Tedersoo et al. 2014

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Species/genus		Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi
Abbreviations		Nag.ade	Cry.amy	Pis.cyl	Vis.fol	Cry.hue	Cry.ste	Sol.ter	Vis.vic	Fil.wie	Deb.han	Cry.uni	Fus.sol
Insects	Acr.inf	0	0	0	0	0	0	0	0	1	0	0	0
Insects	Aga.nig	0	0	0	0	0	0	0	1	0	0	2	0
Insects	Aga.sp	1	0	1	0	0	0	1	0	1	0	0	0
Insects	Ani.hum	0	0	0	0	0	0	0	0	0	0	0	0
Insects	Anb.sp	0	0	0	0	2	0	0	0	1	1	0	0
Insects	Ant.sp	1	1	0	0	1	0	0	0	1	0	0	2
Insects	Cis.bol	0	0	0	0	0	0	0	0	0	0	0	1
Insects	End.coc	1	0	1	1	2	0	0	0	3	0	3	0
Insects	Epu.sp	0	0	0	0	2	0	0	0	4	1	0	0
Insects	Gli.hor	1	1	5	1	8	0	0	1	12	1	4	0
Insects	Gli.qua	4	2	8	0	3	0	0	1	7	2	3	0
Insects	Oxy.alt	1	1	0	0	0	0	0	0	0	0	0	0
Insects	Que.sp	0	0	0	0	0	0	0	0	0	0	0	1
Insects	Rhi.sp	2	0	1	0	0	0	0	1	0	0	1	0
Insects	Sep.lit	1	0	1	0	1	0	0	0	0	0	0	0
Insects	Try.dom	0	0	0	0	0	0	0	0	0	0	0	0
Insects	Xyl.lae	0	0	0	0	1	0	0	0	2	0	0	0

Species/ge	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi
Abbreviati	Leu.sp	Oph.can	Oph.kar	Oph.pic	Oph.que	Oph.tet	Phi.fer	Tap.sp	Tre.glo	Tre.sp	Nae.aur	Pha.fol	Tri.sp
Acr.inf	0	0	0	0	0	0	0	0	0	0	0	0	0
Aga.nig	0	2	0	0	0	0	0	0	1	0	0	0	0
Aga.sp	0	0	0	0	0	0	0	0	1	0	0	0	0
Ani.hum	0	0	0	0	0	0	0	0	0	0	0	0	0
Anb.sp	1	0	0	0	0	0	0	0	2	1	0	0	1
Ant.sp	1	0	0	0	0	0	0	0	1	0	0	1	0
Cis.bol	0	0	0	0	0	0	0	0	0	0	0	0	0
End.coc	0	0	0	0	0	0	0	0	2	0	2	0	0
Epu.sp	2	2	2	2	1	0	1	0	0	0	0	0	0
Gli.hor	9	3	1	0	0	0	1	6	2	2	2	2	3
Gli.qua	9	15	2	2	0	4	3	5	0	0	0	0	0
Oxy.alt	0	1	0	0	0	0	0	0	0	0	0	0	0
Que.sp	0	2	0	1	0	1	0	0	0	0	0	0	0
Rhi.sp	0	3	0	1	0	0	0	2	0	0	0	0	1
Sep.lit	0	1	0	0	0	0	1	0	0	0	0	0	0
Try.dom	0	0	0	0	0	0	1	1	0	0	0	1	0
Xyl.lae	0	0	0	0	0	0	1	1	1	1	0	0	0

Table S6) Network data for wood-decay fungi in the class Agaricomycetes isolated from wood-inhabiting beetles

Species/genus		Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi
Insects	Abbreviation	Amy.lap	Ant.par	Cho.pur	Cor.ros	Fib.sp	Fom.fom	Fom.pin	Kne.abi	Kue.lig
Acrulia inflata	Acr.inf	0	1	2	0	0	0	0	0	0
Agathidium nigripenne	Aga.nig	1	0	8	0	0	0	0	0	0
Agathidium sp	Aga.sp	0	0	3	0	1	0	0	0	0
Anisotoma humeralis	Ani.hum	0	0	0	0	0	1	0	0	0
Anthobium sp	Anb.sp	0	0	3	0	0	0	0	0	1
Anthophagus sp	Ant.sp	1	0	1	0	0	0	1	0	0
Cis boleti	Cis.bol	0	0	0	0	0	0	0	0	0
Endomychus coccineus	End.coc	1	0	15	0	0	0	0	1	1
Epuraea sp	Epu.sp	1	0	0	0	0	1	0	0	0
Glischrochilus hortensis	Gli.hor	0	0	16	0	2	11	2	0	0
Glischrochilus quadripunctatus	Gli.qua	2	0	21	0	0	1	2	0	0
Oxypoda alternans	Oxy.alt	0	0	0	0	0	0	0	0	0
Quedius sp	Que.sp	0	0	1	0	0	0	0	0	0
Rhizophagus sp	Rhi.sp	1	0	7	0	0	0	0	0	1
Sepedophilus littoreus	Sep.lit	0	0	2	0	1	0	1	0	0
Trypodendron domesticum	Try.dom	0	0	0	0	0	0	0	0	0
Xylita laevigata	Xyl.lae	0	0	2	1	1	2	1	0	0

Table S7) Network data for plant pathogenic fungi isolated from wood-inhabiting beetles

Species/genus		Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi
Insects	Abbreviation	Alt.alt	Alt.inf	Bot.fuc	Cer.par	Sph.chr	Dac.dim	Dev.sp	Exo.sp	Exo.are
Acrulia inflata	Acr.inf	1	0	0	0	0	0	0	1	4
Agathidium nigripenne	Aga.nig	0	0	0	0	0	3	0	0	1
Agathidium sp	Aga.sp	0	0	0	0	0	0	0	1	0
Anisotoma humeralis	Ani.hum	0	0	0	0	1	0	0	0	0
Anthobium sp	Anb.sp	0	0	1	0	0	1	0	2	0
Anthophagus sp	Ant.sp	1	0	1	0	0	0	0	3	1
Cis boleti	Cis.bol	0	0	0	0	0	0	0	0	0
Endomychus coccineus	End.coc	0	1	4	0	0	9	0	6	1
Epuraea sp	Epu.sp	0	0	1	1	0	0	0	2	0
Glischrochilus hortensis	Gli.hor	0	1	2	0	1	4	0	8	6
Glischrochilus quadripunctatus	Gli.qua	1	0	1	0	0	7	0	4	2
Oxypoda alternans	Oxy.alt	0	1	0	0	0	0	0	1	1
Quedius sp	Que.sp	0	0	1	1	0	0	0	1	0
Rhizophagus sp	Rhi.sp	0	0	0	0	0	1	0	1	0
Sepedophilus littoreus	Sep.lit	0	0	0	0	0	0	0	2	0
Trypodendron domesticum	Try.dom	0	0	0	0	0	0	0	0	0
Xylita laevigata	Xyl.lae	0	1	1	0	0	0	1	3	1

Species/genus		Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi
Abbreviations		Lep.sp	Lib.sp	Lir.yun	Lop.con	Lop.pic	Mel.sp	Mol.sp	Mon.sp	Mycc.ace	Neo.sp	Neo.fuc	Neo.obt
Insects	Acr.inf	0	0	0	1	4	0	0	0	0	0	0	0
Insects	Aga.nig	1	0	0	0	1	1	0	0	0	2	0	1
Insects	Aga.sp	0	0	0	0	1	0	0	0	0	1	0	1
Insects	Ani.hum	0	0	0	0	0	0	0	0	0	0	0	0
Insects	Anb.sp	2	1	0	0	5	0	1	0	0	0	1	0
Insects	Ant.sp	0	0	0	0	1	0	1	0	0	0	0	0
Insects	Cis.bol	0	0	0	0	0	0	0	0	0	0	0	0
Insects	End.coc	7	0	2	0	13	0	1	0	1	4	0	3
Insects	Epu.sp	0	0	1	0	3	0	0	0	0	0	0	0
Insects	Gli.hor	13	0	6	0	35	0	0	0	0	7	0	8
Insects	Gli.qua	7	0	0	0	22	0	0	0	0	4	2	7
Insects	Oxy.alt	1	0	0	0	1	0	0	0	0	0	0	0
Insects	Que.sp	0	0	3	0	5	0	0	1	0	0	0	0
Insects	Rhi.sp	3	0	0	0	10	0	0	0	0	2	0	1
Insects	Sep.lit	0	0	0	0	2	0	0	0	0	0	0	0
Insects	Try.dom	0	0	0	0	0	0	0	0	0	0	0	0
Insects	Xyl.lae	0	0	0	0	3	1	0	0	0	0	0	0

Species/genus		Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi
Abbreviations		Neo.pun	Par.put	Pez.mel	Phac.lac	Phae.gae	Pod.sp	Pod.cla	Pol.sp	Pow.sp	Pro.sp	Pse.fra	The.ara
Insects	Acr.inf	0	0	0	0	0	1	1	1	0	3	1	1
Insects	Aga.nig	0	1	0	0	0	0	0	1	0	2	0	1
Insects	Aga.sp	0	0	0	0	0	1	1	0	0	1	0	0
Insects	Ani.hum	0	0	0	0	0	0	0	0	0	1	0	0
Insects	Anb.sp	0	0	0	0	0	1	1	1	0	2	0	0
Insects	Ant.sp	0	0	0	0	1	0	0	1	1	3	2	0
Insects	Cis.bol	0	0	0	0	0	0	0	0	0	0	0	0
Insects	End.coc	1	0	1	2	0	0	0	0	2	1	4	0
Insects	Epu.sp	0	0	0	0	0	0	0	0	1	0	1	0
Insects	Gli.hor	1	0	0	5	0	0	0	2	6	15	7	1
Insects	Gli.qua	2	0	0	7	1	0	0	1	3	2	3	1
Insects	Oxy.alt	0	0	0	0	1	0	0	0	0	1	0	0
Insects	Que.sp	0	0	0	0	0	0	0	1	0	1	3	0
Insects	Rhi.sp	0	0	0	2	0	0	1	0	2	2	1	0
Insects	Sep.lit	0	0	0	0	0	0	0	0	0	0	0	0
Insects	Try.dom	0	0	0	1	0	0	0	0	0	0	0	0
Insects	Xyl.lae	0	0	0	0	0	0	0	1	0	3	2	2

Species/genus	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi	Fungi
Abbreviation	Rami.pin	Ramu.stel	Rhi.sp	Rhi.kal	Scl.sp	Myc.gros	Sep.sp	Sep.tan	Sir.sp	Spi.pse	Spo.bac	Sta.sp
Insects	Acr.inf	0	0	0	1	0	0	0	0	0	0	0
Insects	Aga.nig	0	0	1	1	1	0	0	0	1	0	0
Insects	Aga.sp	0	0	1	0	0	1	0	0	0	0	0
Insects	Ani.hum	0	0	0	0	0	0	0	0	0	1	0
Insects	Anb.sp	0	0	2	2	0	1	0	0	0	1	0
Insects	Ant.sp	0	1	1	4	1	2	0	0	0	1	0
Insects	Cis.bol	0	0	0	0	0	0	0	0	0	0	0
Insects	End.coc	0	1	3	5	1	1	0	1	0	0	2
Insects	Epu.sp	0	0	0	2	0	0	0	0	0	0	1
Insects	Gli.hor	0	4	35	15	13	0	0	0	1	7	0
Insects	Gli.qua	0	2	26	9	7	1	0	0	0	4	0
Insects	Oxy.alt	0	0	0	0	0	0	0	0	1	0	0
Insects	Que.sp	0	2	3	1	1	0	0	0	0	1	0
Insects	Rhi.sp	0	1	12	3	2	0	0	0	0	2	0
Insects	Sep.lit	0	0	2	0	0	0	1	0	0	0	0
Insects	Try.dom	0	0	0	0	0	0	0	0	0	0	0
Insects	Xyl.lae	1	3	0	3	0	0	0	0	1	0	0

Species/genus		Fungi	Fungi	Fungi	Fungi
Abbreviation	Try.pin	Ven.ina	Ver.sp	Lept.lep	
Insects	Acr.inf	0	0	0	0
Insects	Aga.nig	1	0	0	0
Insects	Aga.sp	0	0	0	0
Insects	Ani.hum	0	0	0	0
Insects	Anb.sp	0	0	0	0
Insects	Ant.sp	0	0	0	4
Insects	Cis.bol	0	0	0	0
Insects	End.coc	0	0	3	2
Insects	Epu.sp	0	0	0	1
Insects	Gli.hor	3	3	0	7
Insects	Gli.qua	4	0	0	0
Insects	Oxy.alt	0	1	0	0
Insects	Que.sp	0	0	0	4
Insects	Rhi.sp	1	0	0	0
Insects	Sep.lit	0	0	0	0
Insects	Try.dom	0	0	0	0
Insects	Xyl.lae	1	1	0	0