

Table S17. List of fungal genera associated with edges identified by network analysis

Never	Recent	Past
g__Acaulium	g__Amanita	g__Acaulium
g__Actinomucor	g__Amphobotrys	g__Articulospora
g__Angustimassarina	g__Angustimassarina	g__Candida
g__Athelia	g__Apenidiella	g__Ceratostomella
g__Beauveria	g__Apodus	g__Ciliophora
g__Botryotrichum	g__Aquamyces	g__Coniosporium
g__Chaetomium	g__Archaeospora	g__Dactylaria
g__Ciliophora	g__Arthrobotrys	g__Daedaleopsis
g__Cladorrhinum	g__Arthrocatena	g__Entyloma
g__Clonostachys	g__Arxiella	g__Exobasidium
g__Coprinus	g__Ascospaera	g__Hapalopilus
g__Corticium	g__Aurantiporus	g__Holtermanniella
g__Dioszegia	g__Auricularia	g__Hypsizygus
g__Diplodia	g__Beauveria	g__Lentinus
g__Dothiorella	g__Biatrispora	g__Lophotrichus
g__Efibula	g__Bimuria	g__Moniliella
g__Fusicladium	g__Bipolaris	g__Neoerysiphe
g__Gloeocystidiellum	g__Bjerkandera	g__Orbilia
g__Gymnopilus	g__Botryosphaeria	g__Phaeoacremonium
g__Hansfordia	g__Botryotrichum	g__Phialophora
g__Helicogloea	g__Brachyphoris	g__Pholiota
g__Henningsomyces	g__Byssoschlamys	g__Ramichloridium
g__Herpotrichia	g__Cercospora	g__Slopeiomyces
g__Holtermanniella	g__Ceriporia	g__Sphaerulina

g__Knufia	g__Chrysosporium	g__Stypella
g__Lecanicillium	g__Chrysozyma	g__Scopulariopsis
g__Lectera	g__Cistella	g__Pseudaleuria
g__Lepista	g__Clavaria	g__Cystoagaricus
g__Leptodiscella	g__Clonostachys	g__Stachybotrys
g__Lyophyllum	g__Coniosporium	g__Tulostoma
g__Microdochium	g__Crepidotus	g__Valsaria
g__Mutinus	g__Cristinia	g__Virgaria
g__Myrmecridium	g__Cyberlindnera	g__Lyophyllum
g__Neomassarina	g__Cystoagaricus	g__Mycosphaerella
g__Obolarina	g__Dactylaria	g__Rhodotorula
g__Ochroconis	g__Dactylella	g__Hirsutella
g__Oncopodiella	g__Daedaleopsis	g__Leucosporidium
g__Phaeophyscia	g__Daldinia	g__Sistotremastrum
g__Phellinopsis	g__Darksidea	g__Tricholoma
g__Pseudallescheria	g__Dendryphion	g__Phaeophyscia
g__Scopulariopsis	g__Diatrype	g__Purpureocillium
g__Sistotrema	g__Diatrypella	g__Sarocladium
g__Paraphoma	g__Dictyosporium	g__Stropharia
g__Postia	g__Dioszegia	g__Tubulicrinis
g__Eutypella	g__Dissoconium	g__Symmetrospora
g__Nigrograna	g__Dominikia	g__Trematosphaeria
g__Wallemia	g__Dothiora	
g__Duportella	g__Dothiorella	
g__Venturia	g__Efibula	

g__Stachybotrys	g__Elsinoe	
g__Symmetrospora	g__Eutypa	
g__Sarcoporia	g__Eutypella	
g__Heydenia	g__Exidia	
g__Synfenestella	g__Exobasidium	
g__Physisporinus	g__Funneliformis	
g__Solicoccozyma	g__Ganoderma	
g__Torula	g__Geastrum	
g__Papiliotrema	g__Gymnopilus	
g__Nemania	g__Helicoma	
g__Udeniomyces	g__Helicosporium	
g__Sampaiozyma	g__Herpotrichia	
g__Pseudocercospora	g__Heydenia	
g__Trematosphaeria	g__Humicola	
g__Tulostoma	g__Hygrocybe	
g__Rhizophlyctis	g__Hymenochaete	
	g__Hypholoma	
	g__Hypochnicium	
	g__Hypsizygus	
	g__Keissleriella	
	g__Knufia	
	g__Laetiporus	
	g__Lecanicillium	
	g__Leohumicola	
	g__Liberomyces	

	g__Lyomyces	
	g__Melanogaster	
	g__Metacordyceps	
	g__Metschnikowia	
	g__Meyerozyma	
	g__Microstroma	
	g__Mutinus	
	g__Mycoacia	
	g__Naevula	
	g__Obolarina	
	g__Ogataea	
	g__Pachyphlodes	
	g__Paraglomus	
	g__Paraphoma	
	g__Parathyridaria	
	g__Peltaster	
	g__Peniophora	
	g__Perenniporia	
	g__Phaeoacremonium	
	g__Phaeomoniella	
	g__Phomatospora	
	g__Physcia	
	g__Physisporinus	
	g__Plectosphaerella	
	g__Pringsheimia	

	g__Pseudallescheria	
	g__Pseudocercospora	
	g__Pseudocoleophoma	
	g__Pyrenochaeta	
	g__Pyxidiophora	
	g__Ramichloridium	
	g__Rigidoporus	
	g__Solicoccozyma	
	g__Spegazzinia	
	g__Stegonsporium	
	g__Sterigmatomyces	
	g__Stypella	
	g__Trametes	
	g__Trechispora	
	g__Tricholoma	
	g__Steccherinum	
	g__Scleroderma	
	g__Melanoporia	
	g__Stropharia	
	g__Trematosphaeria	
	g__Cetraspora	
	g__Seimatosporium	
	g__Xenopenidiella	
	g__Sarocladium	
	g__Venturia	

	g__ Sporobolomyces	
	g__ Paraconiothyrium	
	g__ Tausonia	
	g__ Neocucurbitaria	
	g__ Vishniacozyma	
	g__ Preussia	
	g__ Ophiosphaerella	
	g__ Xylodon	
	g__ Erythrobasidium	
	g__ Symmetrospora	
	g__ Paraophiobolus	
	g__ Tranzscheliella	
	g__ Oidiodendron	
	g__ Valsaria	
	g__ Genolevuria	
	g__ Puccinia	
	g__ Phaeodactylium	
	g__ Pseudoconiothyrium	
	g__ Vermispora	
	g__ Sistotremastrum	
	g__ Sanchytrium	
	g__ Wallemia	
	g__ Lipomyces	
	g__ Rhizogloinus	
	g__ Phaeosphaeria	
	g__ Podosphaera	