

Table S1: List of specimens used to determine host associations of *Amanita phalloides*

Region	Site Name	Sample ID*	City/ Municipality	State/Province/Region	Country	Collector	Date	Species ID
WEST COAST US	Albany Hill	AP: AlbanyHill2007_2	Albany	California	USA	B. E. Wolfe	12/13/2007	<i>Corylus cornuta</i> var. <i>californica</i>
	Albany Hill	AP: AlbanyHill2007_1	Albany	California	USA	B. E. Wolfe	12/13/2007	<i>Quercus agrifolia</i>
	Albion	AP: Albion 1	Albion	California	USA	D. Smith	12/1/2007	<i>Lithocarpus densiflorus</i>
	Altadena	AP: LA Victim 1	Altadena	California	USA	N. Wilson	4/??/2003	<i>Quercus</i> sp.
	Alumni House	AP: ecv 2861	Berkeley	California	USA	E.C. Vellinga	8/22/2002	<i>Quercus agrifolia</i>
	Alumni House	AP: D. Nyugen	Berkeley	California	USA	D. Nyugen	6/21/2004	<i>Quercus agrifolia</i>
	Alumni House	AP: Alumni House A 2004	Berkeley	California	USA	A. Pringle	12/2/2004	<i>Quercus agrifolia</i>
	Aptos Vista	AP: AV 1	Aptos	California	USA	A. Pringle	12/14/2006	<i>Quercus</i> sp.
	Barker Hall	AP: Barker 6/9/04	Berkeley	California	USA	A. Pringle	6/9/2004	<i>Quercus agrifolia</i>
	Barker Hall	AP: Barker 10/22/04	Berkeley	California	USA	A. Pringle	10/22/2004	<i>Quercus agrifolia</i>
	Barker/Koshland Hall	AP: ecv 2860	Berkeley	California	USA	E.C. Vellinga	8/22/2002	<i>Quercus agrifolia</i>
	Berkeley Hills	AP: ecv 2984	Berkeley	California	USA	E.C. Vellinga	1/6/2003	<i>Quercus agrifolia</i>
	Birge Hall	AP: ecv 2979	Berkeley	California	USA	E.C. Vellinga	1/3/2003	<i>Quercus agrifolia</i>
	China Camp	AP: ecv 2983	Santa Venetia	California	USA	E.C. Vellinga	1/4/2003	<i>Quercus kelloggii</i>
	China Camp - Ranger Station	AP: ecv 2980	Santa Venetia	California	USA	E.C. Vellinga	1/4/2003	<i>Quercus agrifolia</i>
	China Camp - Back Branch Meadows	AP: RP CCSP	Santa Venetia	California	USA	R. Pastorino	12/31/2002	<i>Quercus agrifolia</i>
	Cool	AP: Cool 2007	Cool	California	USA	D. Veiss	12/25/2007	<i>Quercus</i> sp.

Table S1: (continued)

Descanso Gardens	AP: NJW 055	La Crescenta	California	USA	N. Wilson	11/4/2006	<i>Quercus agrifolia</i>
East Dunne Ave (Morgan Hill) Faculty Club	AP: RP 028	Morgan Hill	California	USA	R. Pastorino	1/4/2005	<i>Quercus sp.</i>
Heather's Yard	AP: ecv 2862	Berkeley	California	USA	E.C. Vellinga	12/22/2002	<i>Quercus agrifolia</i>
Helen Putnam Regional Park	AP: HY1	Davenport	California	USA	A. Pringle	12/14/2006	<i>Quercus agrifolia</i>
Lake Hennessey	AP: RP 027	Petaluma	California	USA	R. Pastorino	12/22/2004	<i>Quercus agrifolia</i>
Lake Mendocino	AP: RP 023	~ St Helena	California	USA	R. Pastorino	12/20/2004	<i>Quercus sp.</i>
Los Trancos Preserve	AP: Lake Mendocino 1	Ukiah	California	USA	B. E. Wolfe	12/7/2007	<i>Quercus agrifolia</i>
Lukas Valley	† Mushroom Observer 9	~ Portola Valley	California	USA	D. Smith	12/16/2007	<i>Quercus kelloggii</i>
Madison Heights	AP: HH 1	Lukas Valley	California	USA	P. Werner	1/25/2003	<i>Quercus agrifolia</i>
Marin Municipal Water District	PAP: asadena_Hollinger	Pasadena	California	USA	J. Hollinger	11/10/08	<i>Quercus agrifolia</i>
Menlo Park	AP: RP MMWD	near Larkspur	California	USA	R. Pastorino	1/7/2003	<i>Quercus agrifolia</i>
Mt Vision Fire Area	AP: ecv 2864	Menlo Park	California	USA	E.C. Vellinga	9/14/2002	<i>Quercus agrifolia</i>
Navarro-Gschwend Road	AP: RP PRNP	Point Reyes Station	California	USA	R. Pastorino	1/3/2003	<i>Quercus sp.</i>
Oakland Hills	AP: RT SOMA	Navarro	California	USA	R. Tulloss	1/19/2003	<i>Quercus agrifolia</i>
Pepperwood Nature Reserve	AP: DR 3	Oakland	California	USA	D. Rust	1/1/2003	<i>Quercus agrifolia</i>
Philo - Goldeneye Production Facility	AP: ecv 3180	Santa Rosa	California	USA	E.C. Vellinga	12/23/2003	<i>Quercus sp.</i>
Philo - Sharffenburger Tasting Room	AP: Philo_Goldeneye1	Philo	California	USA	B. E. Wolfe	12/6/07	<i>Quercus agrifolia</i>
Pisto House	AP: Philo_Scharffenburger_1	Philo	California	USA	B. E. Wolfe	12/6/07	<i>Quercus agrifolia</i>
Point Reyes, Bishop Pine Stand	AP: Pisto House	Monterey	California	USA	A. Pringle	11/16/2004	<i>Quercus sp.</i>
	AP: KP1	Point Reyes Station	California	USA	K. Peay	11/16/2006	<i>Pinus muricata</i>

Table S1: (continued)

Reagle Ranch Regional Park	AP: ecv 3286	Sebastapol	California	USA	E.C. Vellinga	11/19/04	<i>Quercus agrifolia</i>
San Juan Canyon Rd.	AP: RP 031	San Jaun Bautista	California	USA	R. Pastorino	1/4/2005	<i>Quercus</i> sp.
Sierra Foothills Research Center	‡ Morris ITS Sequence	Browns Valley	California	USA	Morris et al. 2008	4/20/04	<i>Quercus wislizeni</i>
Skyline Park	AP: RP 025	~ Napa	California	USA	R. Pastorino	12/20/2004	<i>Quercus agrifolia</i>
Suisun Reservoir	AP: RP 012	Green Valley	California	USA	R. Pastorino	12/16/2004	<i>Quercus</i> sp.
Valley Life Sciences Building	AP: ecv 2978	Berkeley	California	USA	E.C. Vellinga	1/3/2003	<i>Quercus</i> sp.
Tennessee Valley (Mill Valley)	AP: RP TV	Mill Valley	California	USA	R. Pastorino	1/8/2003	<i>Quercus</i> sp.
Tilden Park	AP: JBA	Berkeley	California	USA	J. Baruzzi	1/5/2003	<i>Quercus agrifolia</i>
Tilden Regional Park	AP: ecv 2977	Berkeley	California	USA	E.C. Vellinga	1/1/2003	<i>Quercus agrifolia</i>
Tolman Hall	AP: Else_TolmanHall	Berkeley	California	USA	E.C. Vellinga	10/10/2002	<i>Pinus canariensis</i>
Tomales Bay State Park	AP: RP TBSP J	Inverness	California	USA	R. Pastorino	1/3/2003	<i>Pinus muricata</i>
Toro County Park	AP: RP 030	~ Spreckels	California	USA	R. Pastorino	1/4/2005	<i>Quercus</i> sp.
UC Berkeley RSF	AP: UCB RSF	Berkeley	California	USA	R. Adams	5/15/2005	<i>Quercus</i> sp.
Upper Crystal Springs Reservoir	AP: ecv 2959	Highlands	California	USA	E.C. Vellinga	12/23/02	<i>Quercus agrifolia</i>
Upper Crystal Springs Reservoir	AP: ecv 2960	Highlands	California	USA	E.C. Vellinga	12/23/02	<i>Quercus agrifolia</i>
East Main St, Medford, OR	AP: Medford, OR	Medford	Oregon	USA	G. Larum	10/25/1998	<i>Betula</i> sp.
Victoria - Budget Rent a Car	DAVFP 26776	Victoria	British Columbia	Canada	J. Dennis	10/13/2002	<i>Carpinus betulus</i>
Mission, BC	DAVFP 25388	Mission	British Columbia	Canada	T. Tatum	10/19/1997	<i>Castanea sativa</i>
Victoria-Government House	DAVFP 25415	Victoria	British Columbia	Canada	J. Howe	11/5/1998	<i>Fagus</i> sp.

Table S1: (continued)

	Mary S Young State Park	AP: WL1	West Linn	Oregon	USA	B. Sostrin	10/15/2004	<i>Picea</i> sp.
	Mt St Helens Place South	ST99-276-01	Seattle	Washington	USA	S. Trudell	1999	<i>Quercus rubra</i>
	BC Poisoning - Vickery	DAVFP 27399	Victoria	British Columbia	Canada	B. Callan	8/20/2003	<i>Quercus rubor</i>
	Victoria – Uplands	DAVFP 25731	Victoria	British Columbia	Canada	J. Dennis	9/13/2000	<i>Tilia</i> sp.
	Victoria - Budget Rent a Car	DAVFP 26775	Victoria	British Columbia	Canada	J. Dennis	10/13/2002	<i>Tilia</i> sp.
Northeast United States	Franconia Notch	AP: White Mountains	Franconia Notch	New Hampshire	USA	B. E. Wolfe	8/26/2008	<i>Abies</i> sp.
	Durand-Eastma Park	AP: Durand Eastman	Irondequoit	New York	USA	B. E. Wolfe	10/2/2006	<i>Abies</i> sp.
	White Plains	NYBG 45955	White Plains	New York	USA	L. Shernoff	10/3/1988	<i>Fagus</i> sp.
	Irvington	NYBG 45954	Near Irvington	New York	USA	S. Ristich	11/2/1976	<i>Picea abies</i>
	Kinesco Dam	NYBG 46014	Valhalla	New York	USA	S. Stein	11/11/1989	<i>Picea abies</i>
	Nockamixon State Park	AP: MMK 1	Quakertown	Pennsylvania	USA	M. M. Kyde	11/5/2002	<i>Picea rubens</i>
	Rt. 202	AP: RT 202 1995	Bernardsville	New Jersey	USA	S. Hopkins	10/15/1995	<i>Picea abies</i>
	Webster Park	AP: Webster 1-2	Webster	New York	USA	B. E. Wolfe	10/1/2006	<i>Picea</i> sp.
	Round Valley Recreational Area	AP: Strobus "9"	Lebanon	New Jersey	USA	B. E. Wolfe	10/7/2006	<i>Picea</i> sp.
	Bob Peabody	AP: Peabody	Milford	New Jersey	USA	B. E. Wolfe	10/6/2006	<i>Pinus strobus</i>
	Great River LI RR	AP: Great River	Great River	New York	USA	P. Sadowski	11/18/2009	<i>Pinus strobus</i>
	Jake's Landing Rd	AP: JLR 2	Dennisville	New Jersey	USA	B. E. Wolfe	10/21/2006	<i>Pinus strobus</i>
	MackWorth Island	RET 287-10	Falmouth	Maine	USA	L. Leonards	10/15/1998	<i>Pinus strobus</i>
	Mendon Ponds Park	AP: Mendon Ponds Park	Mendon Center	New York	USA	J. Johnston	11/4/2009	<i>Pinus</i> sp.
	Olney Manor Park	AP: Olney	Olney, MD	New Jersey	USA	R. LaSala	10/25/2006	<i>Pinus strobus</i>

Table S1: (continued)

	PNC Bank	AP: PNC (Susan)	Oldwick	New Jersey	USA	S. Hopkins	10/14/2004	<i>Pinus strobus</i>
	Pocomoke River State Park	RET 0158-9	Snow Hill	Maryland	USA	L.T. Biechele	10/11/1995	<i>Pinus taeda</i>
	Round Valley Recreational Area	AP: Strobis "9"	Lebanon	New Jersey	USA	B. E. Wolfe	10/7/2006	<i>Pinus</i> sp.
	Wavenly Park	NYBG 45956	New Canann	Connecticut	USA	T. Fox	10/13/1979	<i>Pinus</i> sp.
	Durand-Eastma Park	AP: Durand Eastman	Irondequoit	New York	USA	B. E. Wolfe	10/3/2006	<i>Pinus</i> sp.
	Durand-Eastma Park	AP: Durand Eastman	Irondequoit	New York	USA	B. E. Wolfe	10/1/2006	<i>Quercus rubra</i>
	Hackettstown	NYBG 45957	Hackettstown	New Jersey	USA	R. Peabody	10/15/1978	<i>Tsuga canadensis</i>
	Durand-Eastma Park	AP: Durand Eastman	Irondequoit	New York	USA	B. E. Wolfe	10/3/2006	<i>Tsuga canadensis</i>
Europe	Sønderskoven	C 12354	Vejle	East Jutland	Denmark	Ronald Toft	10/1/1989	<i>Fagus</i> sp.
	Åbenrå	C 17725	Åbenrå	Southeast Jutland	Denmark	Ronald Toft	8/15/1989	<i>Quercus</i> sp.
	Hørhaven	C 17842	Århus	East Jutland	Denmark	Jan Vesterholt	9/5/1987	<i>Fagus</i> sp.
	Staksrode Skov	C 17843	Vejle	East Jutland	Denmark	J. Vesterholt	7/24/1990	<i>Fagus</i> sp.
	Grimstrup Krat	C 17844	Esbjerg	Southwest Jutland	Denmark	Jan Vesterholt	9/17/1990	<i>Quercus</i> sp.
	Hørhaven	C 17845	Århus	East Jutland	Denmark	Jan Vesterholt	11/3/1983	<i>Fagus</i> sp.
	Kolding	C 21277	Kolding	East Jutland	Denmark	Jan Vesterholt	9/17/1990	<i>Fagus</i> sp.
	Lolland	C 41913	Lolland	Lolland	Denmark	Jan Vesterholt	10/10/2000	<i>Fagus</i> sp.
	Leikanger	C 42268	Leikanger	Vestlandet	Norway	Jan Vesterholt	9/11/2000	<i>Corylus</i> sp.
	Farum	AP: DMark1	Farum	Hovedstaden	Denmark	T. Læssøe	9/17/2003	<i>Fagus sylvatica</i>
	Södermanland	S F19599	Södermanland	Södertälje	Sweden	Klas Jaederfeldt	8/27/2001	<i>Quercus</i> sp.
	Blidö	S F5526	Uppland	Blidö	Sweden	Anders Tehler	9/14/1997	<i>Corylus avellana</i>

Table S1: (continued)

Vatteville	FPCHND (Observ.)	Forêt de Brotonne	Haute-Normandie	France	Jean-Claude Malalaval	26/09/1997	<i>Fagus sylvatica</i>
Woodwalton Fen	FRDBI 1211443	Ramsey Heights	Hutingdonshire	England	N. Jarvis	9/9/2006	<i>Quercus robur</i>
Siccaridge Wood	FRDBI 1212557	Frampton Mansell	East Gloucestershire	England	J. Roberts	8/8/2006	<i>Fagus sylvatica</i>
Buckholt Wood	FRDBI 1212565	Cranham	East Gloucestershire	England	D. Shorten	9/2/2006	<i>Fagus sylvatica</i>
Vernditch Chase: Gardiner Forest	FRDBI 1236801	Vernditch Chase	South Wiltshire	England	N.W. Legon	10/7/2006	<i>Fagus sylvatica</i>
Norbury Park	FRDBI 1237387	Mickleham	Surrey	England	N.W. Legon	10/23/2006	<i>Fagus sylvatica</i>
Vann Lake Reserve	FRDBI 1237472	Ockley	Surrey	England	N.W. Legon	10/24/2006	<i>Quercus</i> sp.
Cockney's Wood	FRDBI 1237637	Kemsing	West Kent	England	N.W. Legon	10/29/2006	<i>Carpinus betulus</i>
Dorton's Wood	FRDBI 1250168	Selbourne	North Hampshire	England	S. Rogerson	10/22/2006	<i>Fagus sylvatica</i>
High Crag Wood	FRDBI 1251868	Witherslack	Westmorland	England	S.M. Weir	8/28/2006	<i>Betula</i> sp.
Humphrey Head Wood	FRDBI 1251967	Lancashire	Westmorland	England	S.M. Weir	10/7/2006	<i>Quercus</i> sp.
Pembrokeshire	FRDBI 1307862	-	Pembrokeshire	Wales	NI	6/30/1909	<i>Fagus</i> sp.
Walton Common	FRDBI 1343388	Walton in Gordano	North Somerset	England	R.G. Betts	7/22/2007	<i>Quercus</i> sp.
Newbold Revel	FRDBI 1425458	Newbold Revel	Warwick	England	J.D. Sells	11/2/2006	<i>Fagus sylvatica</i>
Hollowhill Wood	FRDBI 1446736	Marlow	Buckinghamshire	England	A.M. Ainsworth	8/20/2008	<i>Fagus sylvatica</i>
Crickley Hill, Scrubbs Wood	FRDBI 1448482	Crickley Hill	East Gloucestershire	England	J. Roberts	9/14/2008	<i>Fagus sylvatica</i>
Lineover Wood	FRDBI 1448485	Dowdeswell	East Gloucestershire	England	D. Champion	9/14/2008	<i>Quercus robur</i>
Bourley, double reservoir	FRDBI 1454418	Ewshot	North Hampshire	England	D.H. Dell	10/4/2007	<i>Fagus sylvatica</i>
Birks of Aberfeldy	FRDBI 1466583	-	Perth and Kinross	Scotland	E. Holden	9/17/2008	<i>Fagus sylvatica</i>
Epping Forest-Three Forests Way	FRDBI 1470942	Epping	South Essex	England	A.S. Overall	9/16/2007	<i>Quercus robur</i>

Table S1: (continued)

Puttenham Common	FRDBI 1472337	Farnham	Surrey	England	A.S. Overall	9/28/2008	<i>Quercus robur</i>
Klein-Feiting	GJO 0001613	Klein-Feiting	Steiermark	Austria	H. Kahr	7/27/1998	<i>Quercus</i> sp.
St. Marein bei Graz	GJO 0007214	St. Marein bei Graz	Steiermark	Austria	H. Kahr	10/14/2003	<i>Quercus</i> sp.
Rainerkogel	GJO 0010232	Rainerkogel	Steiermark	Austria	C. Weißhaupt	9/6/1989	<i>Pinus</i> sp.
St. Veit	GJO 0010235	St. Veit	Steiermark	Austria	H. Pidlich-Aigner	9/25/1998	<i>Quercus</i> sp.
Stockerwald	GJO 0010237	Stockerwald	Steiermark	Austria	H. Kahr	9/16/1989	<i>Quercus</i> sp.
Wundschuh	GJO 0010238	Wundschuh	Steiermark	Austria	M. Kincel	9/14/1989	<i>Quercus</i> sp.
Görlitz	GLM F007161	Görlitz	Bundesland	Germany	O. Augsten	7/26/1980	<i>Quercus</i> sp.
Görlitz-Biesnitz	GLM F014615	Görlitz-Biesnitz	Bundesland	Germany	H. Gottschalk	9/12/1985	<i>Betula</i> sp.
Görlitz-Biesnitz	GLM F032942	Görlitz-Biesnitz	Bundesland	Germany	-	9/21/1994	<i>Fagus</i> sp.
Berlin-Altglienicke	GLM F039609	Berlin-Altglienicke	Berlin	Germany	-	7/24/1998	<i>Quercus</i> sp.
Berlin-Altglienicke	GLM F041159	Berlin-Altglienicke	Berlin	Germany	-	10/15/1998	<i>Quercus</i> sp.
Görlitz-Weinhübe	GLM F044379	Görlitz-Weinhübe	Bundesland	Germany	-	9/28/2001	<i>Quercus rubra</i>
Kodersdorf Bahnhof	GLM F045032	Kodersdorf Bahnhof	Saxony	Germany	-	9/22/2002	<i>Quercus</i> sp.
Kreba	GLM F045112	Kreba	Saxony	Germany	-	10/30/2002	<i>Tilia cordata</i>
Herrnhut	GLM F045203	Herrnhut	Saxony	Germany	-	8/28/2002	<i>Fagus</i> sp.
Herrnhut	GLM F045203	Herrnhut	Saxony	Germany	-	8/28/2002	<i>Quercus</i> sp.
Bad Gottleuba	GLM F052086	Bad Gottleuba	Saxony	Germany	-	9/8/2002	<i>Quercus</i> sp.
Görlitz-Klingewalde	GLM F070318	Görlitz-Klingewalde	Bundesland	Germany	-	9/5/2005	<i>Quercus</i> sp.
Zeltplatz Pähnitz	GLM F071709	Altenburg	Thuringia	Germany	-	8/7/1984	<i>Quercus</i> sp.
Kragerø	HBO 53849	Kragerø	Telemark	Norway	T.E. Brandrud	9/14/92	<i>Quercus</i> sp.
Kragerø	HBO 53852	Kragerø	Telemark	Norway	T.E. Brandrud	9/7/1985	<i>Quercus</i> sp.

Table S1: (continued)

Kragerø	HBO 53853	Kragerø	Telemark	Norway	T.E. Brandrud	9/7/1983	<i>Quercus</i> sp.
Tingvoll	HBO 65378	Tingvoll	Møre og Romsdal	Norway	G. Gaarder	9/4/2001	<i>Corylus</i> sp.
Arendal	HBO 70024	Arendal	Aust-agder	Norway	G. Gulden	9/13/1994	<i>Quercus</i> sp.
Stams	IB 67/27	Stams	Tirol	Austria		8/12/1971	<i>Quercus</i> sp.
Ballenberg	IB 77/117	Hofstetten bei Brienz	Kanton Bern	Switzerland	M. Moser	9/26/77	<i>Betula</i> sp.
Porquerolles	IB 80/610	Porquerolles	Provence	France	M.Moser	11/14/1984	<i>Quercus ilex</i>
Val di Sella	IB 86/187	Val di Sella	Trentino	Italy	M. Moser	9/15/1990	<i>Fagus</i> sp.
The Marlows	K 125036	The Marlows	West Sussex	England	N.W. Legon	9/21/2004	<i>Fagus sylvatica</i>
Green Dene (nr. West Horsley)	K 125102	Sheepleas	Surrey	England	N.W. Legon	9/11/2004	<i>Fagus sylvatica</i>
Cliveden Estate	K 127139	Taplow	Buckinghamshire	England	E.W. Brown	11/10/2004	<i>Quercus ilex</i>
Earl's Path (by)	K 127561	Epping Forest	South Essex	England	A.S. Overall	10/2/2004	<i>Quercus robur</i>
Calangianus, Catala	K 142788	Calangianus	Olbia-Tempio	Italy	S.E. Evans	11/13/2006	<i>Quercus suber</i>
Hampstead Heath Extension	K 143723	Hampstead Heath	Middlesex	England	A.S. Overall	10/15/2006	<i>Carpinus betulus</i>
Palsundet	K 14741	Palsundet	Uppland	Sweden	A. Strid	8/14/1978	<i>Corylus avellana</i>
Palsundet	K 14741	Palsundet	Uppland	Sweden	A. Strid	8/14/1978	<i>Quercus</i> sp.
Black Spout Wood	K 17909	Pitlochry	East Perthshire	Scotland	T. Læssøe	9/13/1991	<i>Quercus</i> sp.
Norbury Park (Mickleham)	K 30175	Norbury Park	Surrey	England	N.W. Legon	10/2/1994	<i>Fagus sylvatica</i>
The Warburg Reserve	K 40662	Bix	Oxfordshire	England	N.W. Legon	10/2/1996	<i>Fagus sylvatica</i>
Staple Common	K 54414	Staple Common	South Somerset	England	N.W. Legon	9/12/1997	<i>Fagus sylvatica</i>
Royal Botanic Gardens	K 59130	Kew	Surrey	England	N.W. Legon	10/19/1998	<i>Quercus ilex</i>
Great Breach Wood	K 62347	Great Breach Wood	North Somerset	England	N.W. Legon	10/14/1998	<i>Fagus sylvatica</i>
The Mens and The Cut Nat. Reserve	K 66952	Petworth	West Sussex	England	N.W. Legon	9/15/1999	<i>Fagus sylvatica</i>

Table S1: (continued)

Witley Common	K 79131	Witley Common	Surrey	England	N.W. Legon	9/9/2000	<i>Quercus robur</i>
Triscombe	K 79565	Quantock Hills	South Somerset	England	N.W. Legon	9/29/2000	<i>Fagus sylvatica</i>
Mildenhall Woods	K 79856	Mildenhall	West Suffolk	England	N.W. Legon	10/15/2000	<i>Fagus sylvatica</i>
Royal Botanic Gardens, Syon Vista	K 81390	Kew	Surrey	England	E.W. Brown	11/10/2000	<i>Quercus ilex</i>
Inishmakill	K 83287	Castle Archdale	Fermanagh	N. Ireland	L. Jalink	10/14/2000	<i>Quercus</i> sp.
El Pardo	MA 25597-1	El Pardo	Madrid	Spain	A. Díaz	12/7/91	<i>Quercus</i> sp.
El Pardo	MA 28415-1	El Pardo	Madrid	Spain	V. Rodríguez	12/2/90	<i>Quercus</i> sp.
Aldea del Fresno	MA 30675-1	Aldea del Fresno	Madrid	Spain	M. Pastrana	11/23/92	<i>Quercus</i> sp.
Fuente del Fresno	MA 30676-1	Fuente del Fresno	Madrid	Spain	M. Pastrana	12/13/91	<i>Quercus ilex</i>
Navaluenga	MA 33155-1	Navaluenga	Ávila	Spain	F.D. Calonge	11/10/94	<i>Quercus pyrenaica</i>
Canaverl de Leon	MA 33373-1	Canaverl de Leon	Huelva	Spain	L.R. de la Osa Mateos	3/29/94	<i>Quercus ilex subsp. rotundifolia</i>
Canaverl de Leon	MA 33373-1	Canaverl de Leon	Huelva	Spain	L.R. de la Osa Mateos	3/29/94	<i>Quercus suber</i>
Els Metges	MA 35238-1	Els Metges	Girona	Spain	O. García Prieto	11/8/95	<i>Pinus</i> sp.
Villanueva del Pardillo	MA 36130-1	Villanueva del Pardillo	Madrid	Spain	M. Ruiz	12/14/96	<i>Quercus</i> sp.
Somiedo	MA 38395-1	Somiedo	Asturias	Spain	E. Rubio Domínguez	6/6/97	<i>Castanea</i> sp.
Cenicientos	MA 39265-1	Cenicientos	Madrid	Spain	J.C. Campos	5/16/98	<i>Quercus</i> sp.
Casa de Campo	MA 41954-1	Casa de Campo	Madrid	Spain	J.C. Campos	11/28/99	<i>Quercus</i> sp.
Izarra	MA 49846-1	Izarra	Álava	Spain	C.E. Hermosilla	11/25/00	<i>Fagus</i> sp.
Izarra	MA 49847-1	Izarra	Álava	Spain	C.E. Hermosilla	11/5/00	<i>Quercus</i> sp.
Ronda	MA 59536-1	Ronda	Málaga	Spain	A. Castro	11/20/03	<i>Quercus rotundifolia</i>

Table S1: (continued)

Colmenarejo, Conjuero	MA 68019-1	Colmenarejo, Conjuero	Madrid	Spain	F. Prieto	11/17/01	<i>Quercus ilex</i> subsp. <i>ballota</i>
Colmenarejo, Conjuero	MA 68021-1	Colmenarejo, Conjuero	Madrid	Spain	F. Prieto	10/9/01	<i>Quercus ilex</i> subsp. <i>ballota</i>
Fontecha	MA 69237-1	Fontecha	Álava	Spain	J. Sánchez	11/23/00	<i>Quercus</i> sp.
Roppe	MCVE 10208	Roppe	Pordenone	Italy	G. Zecchin	8/22/2000	<i>Corylus avellana</i>
Recoaro Terme	MCVE 10419	Recoaro Terme	Vicenza	Italy	L. Filippi	8/27/2000	<i>Abies</i> sp.
Ronca	MCVE 10445	Ronca	Verona	Italy	F. Braggion	9/1/2000	<i>Corylus avellana</i>
Carpenedo	MCVE 1141	Carpenedo	Venezia	Italy	L. Levorato	10/17/1997	<i>Cedrus</i> sp.
Lovea	MCVE 3077	Lovea	Udine	Italy	A. Pergolini	9/19/1997	<i>Fagus sylvatica</i>
Barcis	MCVE 4821	Barcis	Pordenone	Italy	F. Milanese	9/8/1998	<i>Fagus</i> sp.
Losie	MCVE 5586	Losie	Pordenone	Italy	G. Zecchin	8/10/1998	<i>Corylus avellana</i>
Barcis	MCVE 5594	Barcis	Pordenone	Italy	G. Zecchin	7/31/1998	<i>Fagus</i> sp.
Osse	MPU	Osse	Franche-Comte	France	F. Enjalbert et al.	9/26/93	<i>Corylus avellana</i>
Gros Bois	MPU	Gros Bois	Franche-Comte	France	F. Enjalbert et al.	9/26/93	<i>Fagus sylvatica</i>
Deschaux	MPU	Deschaux	Franche-Comte	France	F. Enjalbert et al.	9/28/94	<i>Fagus sylvatica</i>
Naisey	MPU	Naisey	Franche-Comte	France	F. Enjalbert et al.	9/22/93	<i>Picea abies</i>
Bjorvatn NR	O 169976	Birkenes	Aust-Agder		T.E. Brandrud	9/8/1999	<i>Quercus</i> sp.
Bjorvatn NR	O 169976	Birkenes	Aust-Agder		T.E. Brandrud	9/8/1999	<i>Tilia</i> sp.
Kansdal	O 223390	Tingvoll	Møre og Romsdal	Norway	G. Gaarder	9/20/2003	<i>Corylus avellana</i>
Rislå	O 270594	Birkenes	Aust-Agder	Norway	I.L. Fonneland	9/4/2002	<i>Tilia</i> sp.
Trosvik	O 53850	Porsgrunn	Telemark	Norway	T.E. Brandrud	9/13/1992	<i>Quercus</i> sp.
Aurland	O 60342	Aurland	Sogn of Fjordane	Norway	A.E. Torkelsen	10/6/1997	<i>Betula</i> sp.
Aurland	O 60342	Aurland	Sogn of Fjordane	Norway	A.E. Torkelsen	10/6/1997	<i>Corylus</i> sp.

Table S1: (continued)

Sogndal	O 60984	Sogndal	Sogn of Fjordane	Norway	T.E. Brandrud	10/5/1997	<i>Corylus</i> sp.
Sogndal	O 60984	Sogndal	Sogn of Fjordane	Norway	T.E. Brandrud	10/5/1997	<i>Tilia</i> sp.
Jobberget naturreservat edelløvsskog	O 63728	Granvin	Hordaland	Norway	G. Flatabø	9/26/1997	<i>Tilia</i> sp.
Jobberget naturreservat edelløvsskog	O 63728	Granvin	Hordaland	Norway	G. Flatabø	9/26/1997	<i>Betula</i> sp. <i>Quercus</i> sp.
Kråkerøy	O 63944	Fredrikstad	Østfold	Norway	I.L. Østmoe	8/12/2000	<i>Quercus</i> sp.
Bjørnskorneset I lindeskog	O 65379	Stryn	Sogn of Fjordane	Norway	G. Gaarder	9/9/2001	<i>Tilia</i> sp.
Lauvvikane	O 66274	Stranda	Møre og Romsdal	Norway	D. Holtan	9/6/2003	<i>Pinus</i> sp.
Bringa, Stranda Rike hasselkratt	O 66290	Stranda	Møre og Romsdal	Norway	D. Holtan	9/13/2003	<i>Corylus</i> sp.
Steiggjelet	O 66332	Norrdal	Møre og Romsdal	Norway	D. Holtan	8/29/2003	<i>Pinus</i> sp. <i>Quercus</i> sp.
Grimstad	O 70093	Grimstad	Aust-Agder	Norway	G. Gulden	9/11/1994	<i>Quercus</i> sp.
Puechabon Experimental Forest	FR: Puechabon	Lavene	Languedoc-Roussillon	France	F. Richard	NI	<i>Quercus ilex</i>
Obedska Bara Nature Reserve	AP: Serb 1	Obrez	Vojvodina	Serbia	Anne Pringle	10/6/2007	<i>Carpinus betulus</i>

* Letters for each specimen indicate the source herbarium for the material, as is reported by Index Herbariorum, except for the following: AP: = in collection of Dr. Anne Pringle's lab, Harvard University; FR: = Communicated by Franck Richard, C.N.R.S Centre d'Ecologie Fonctionnelle et Evolutive, Montpellier, France; FPCHND = Fungi-Protozoa-Chromista de Haute-Normandie Database provided by JeanClaude Malalaval; FRDBI = Fungal Redcords Database of Britain and Ireland (available at <http://www.fieldmycology.net/>); RET = personal herbarium of Dr. Rodham Tulloss (<http://www.eticomm.net/~ret/amanita/mainaman.html>).

†'Mushroom Observer 9' is a report with photographic documentation from the website Mushroom Observer (mushroomobserver.org).

‡ 'Morris ITS Sequence' is based on an ITS sequence generated from an *Amanita phalloides* root tip from the following paper: Morris, M.H., Smith, M.E., Rizzo, D.M., Rejmanek, M. & Bledsoe, C.S. (2008). Contrasting ectomycorrhizal fungal communities on the roots of co-occurring oaks (*Quercus* spp.) in a California woodland. *New Phytol.*, 178, 167-176.

