

P. BRANDON MATHENY, YAJUAN J. LIU, JOSEPH F. AMMIRATI, AND BENJAMIN D. HALL. 2002. Using *RPB1* sequences to improve phylogenetic inference among mushrooms (*Inocybe*, Agaricales). *American Journal of Botany* 89(4): 688-698.

APPENDIX 1. Species for which DNA sequences were obtained, source and site of vouchered collections, and GenBank accession numbers. The source of DNA vouchered collections is indicated by collection number and herbarium where deposited according to Holmgren, Holmgren, and Barnett (1990).

Species	Source	GenBank Accession <sup>a</sup>	
		nLSU-rDNA	RPB1
<i>Galerina semilanceata</i> (Peck) Smith & Singer	PBM 1398 (WTU) Washington, USA	GBAN-AY038309	GBAN-AF389531
<i>Hebeloma olympianum</i> Smith, Evenson & Mitchell	BK 21-Nov-98-20 (UTC) Washington, USA	GBAN-AY038310	GBAN-AF389532
<i>Inocybe abietis</i> Kühner	PBM 1402 (WTU) Washington, USA	GBAN-AY038311	GBAN-AF389533
<i>Inocybe agglutinata</i> Peck <sup>b</sup>	PBM 1352 (WTU) Washington, USA	GBAN-AY038312	GBAN-AF389534
<i>Inocybe calospora</i> Quél.	JFA 12539 (WTU) Sweden, EUR	GBAN-AY038313	GBAN-AF389535
<i>Inocybe corydalina</i> Quél.	TURA 6488 (WTU) Belgium, EUR	GBAN-AY038314	GBAN-AF389536
<i>Inocybe dulcamara</i> (Alb. & Schwein.: Pers.) Kummer	BK 3-June-99-2 (UTC) Washington, USA	GBAN-AY038315	GBAN-AF389537
<i>Inocybe godeyi</i> C. Gillet	JV 14914F (WTU) Italy, EUR	GBAN-AY038316	GBAN-AF389538
<i>Inocybe hirsuta</i> var. <i>maxima</i> A. H. Smith	PBM 1066 (WTU) Washington, USA	GBAN-AY038317	GBAN-AF389539
<i>Inocybe lacera</i> (Fr.: Fr.) Kummer	PBM 1462 (WTU) Washington, USA	GBAN-AY038318	GBAN-AF389540
<i>Inocybe lanuginosa</i> (Bull.: Fr.) Kummer <sup>c</sup>	PBM 956 (WTU) Washington, USA	GBAN-AY038319	GBAN-AF389541

<i>Inocybe leptophylla</i> Atk. <sup>d</sup>	BK 7-Sept-97-19 (UTC) Utah, USA	GBAN-AY038320	GBAN-AF389542
<i>Inocybe maculata</i> Boud.	PBM 525 (WTU) Washington, USA	GBAN-AY038321	GBAN-AF389543
<i>Inocybe praetervisa</i> Quél.	PBM 1021 (WTU) Washington, USA	GBAN-AY038322	GBAN-AF389544
<i>Inocybe pudica</i> Kühner <sup>e</sup>	PBM 1373 (WTU) Washington, USA	GBAN-AY038323	GBAN-AF389545
<i>Inocybe relicina</i> (Fr.: Fr.) Ricken	JV 10258 (WTU) Finland, EUR	GBAN-AY038324	GBAN-AF389546
<i>Inocybe</i> "serpitocystis" <sup>f</sup>	Trappe 25080 (OTC) New South Wales, AUSTRALIA	GBAN-AY038325	GBAN-AF389547
<i>Inocybe</i> sp. BK 8-Feb-99-1 <sup>g</sup>	BK 8-Feb-99-1 (UTC) Tierra del Fuego, ARGENTINA	GBAN-AY038326	GBAN-AF389548
<i>Inocybe</i> sp. PBM 1615 <sup>h</sup>	PBM 1615 (WTU) Washington, USA	GBAN-AY038327	GBAN-AF389549
<i>Inocybe stellatospora</i> (Peck) Masee <sup>i</sup>	PBM 963 (WTU) Washington, USA	GBAN-AY038328	GBAN-AF389550
<i>Phaeomarasmium curcuma</i> (Berk. & Curt.) Singer	JFA 11323 (WTU) Wyoming, USA	GBAN-AY038329	GBAN-AF389551

<sup>a</sup>The prefix GBAN- has been added to link the online version of American Journal of Botany to GenBank but is not part of the actual accession number.

<sup>b</sup>Per Heim (1931) *I. agglutinata* is *I. whitei* (Berk. & Broome) Sacc., non Kuyper (1986); in this case, *I. whitei* would have nomenclatural priority.

<sup>c</sup>*I. ovatocystis* Boursier & Kühner is a synonym (Matheny and Kropp, 2001).

<sup>d</sup>*I. squarrosula* (P. Karsten) Sacc. has nomenclatural priority (J. Vauras, University of Turku, personal communication).

<sup>e</sup>We agree with Bon (1991) that *I. whitei* is not synonymous with *I. pudica*.

<sup>f</sup>*I. "serpitocystis"* is a provisional name. The species is associated with *Eucalyptus*.

<sup>g</sup>*Nothofagus* associate.

<sup>h</sup>This species appears related to *I. malenconii* R.Heim.

<sup>i</sup>*I. longicystis* Atk. is a later synonym (Matheny and Kropp, 2001).