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Mycological Research News¹

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Mycological Research submissions reach new heights

During 2007, 371 papers were submitted for consideration for publication in *Mycological Research*. This is the largest number received since at least 2000 (Table 1), and represents an increase of 16% over 2006 when there were 321 submissions. Further, the number received during January 2008 was 49. If the January figure proves to be representative of the rest of 2008, the figure for the current year could well exceed 500. As the number of pages budgeted for is fixed in advance, this means that the number of papers published in the year, expressed as a proportion of those received, is also at a low, at 36.4%. That means that *Mycological Research* received 63.6% more papers than it published in 2007. While the increased popularity of the journal amongst mycologists is gratifying, this does mean that the journal is having to become increasingly selective as to what types of papers it will consider and review. Priority is therefore now being given to submissions whose topics are of potential interest or importance to a wide range of mycologists. More specialized papers are consequently having to be turned down without review, and the authors are advised to submit elsewhere. The British Mycological Society is currently discussing the future development of *Mycological Research* with its publisher, Elsevier, in order to enhance its standing even more, and also to address this issue.

Table 1 – Papers submitted to, and published in, *Mycological Research* 2000–2007

Year	Papers submitted	Papers published	Papers published as a proportion of submissions (%)
2000	342	210	61.4
2001	239	188	78.7
2002	313	157	50.2
2003	272	158	58.1
2004	298	145	48.7
2005	275	140	50.9
2006	321	150	46.7
2007	371	135	36.4

Ambispora and *Ambisporaceae* resurrected

Appendicispora was published (Spain *et al.* 2006) as a genus in the *Glomeromycota* shortly before the genus name *Ambispora* was coined (Walker *et al.* 2007a) for the same group of organisms. On the assumption that the first authors had complied with the Code, it was accepted that *Appendicispora* should take priority over *Ambispora*, with the nomenclatural repercussions cascading through the hierarchy of the group (Walker *et al.* 2007b). However, it has now emerged that there was an existing generic name that makes this acceptance erroneous.

There is a generic name *Appendicospora* K. D. Hyde 1995 introduced to accommodate *Apiosporella coryphae* Rehm 1913 (Hyde 1995). However, the recommended compounding form of the Latin elements of this genus name is 'i' (Rec. 60G1a(2)), and consequently *Appendicospora* should be corrected to *Appendicispora* (Arts 60.1 and 60.8). This alone renders *Appendicispora* unavailable for members of *Glomeromycota* as an illegitimate later homonym of the name in *Xylariaceae* (Art. 53.1). Further, even without the issue of correcting the original spelling of Hyde's name, Art. 53.3 rules that when two or more generic names based on different types are so similar that they are likely to be confused they are to be treated as homonyms. As a consequence, the following name changes are to be adopted:

¹ *Mycological Research News* is compiled by the Senior Editor, David L. Hawksworth, Departamento de Biología Vegetal II, Facultad de Farmacia, Universidad Complutense de Madrid, Plaza Ramón y Cajal, Ciudad Universitaria, ES-28040 Madrid, Spain (e-mail: d.hawksworth@nhm.ac.uk), to whom items for inclusion should be sent. Unsigned items are by the Senior Editor.

Ambisporaceae C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 143 (2007).

MycoBank no.: MB 510208

Synonym: *Appendicisporaceae* C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 254 (2007); nom. illegit. (Arts 53.1, 53.3).

Ambispora C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 147 (2007).

MycoBank no.: MB 510209

Type: *Ambispora fennica* C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 148 (2007).

Synonym: *Appendicispora* Spain, Oehl & Sieverd., *Mycotaxon* **97**: 168 (2006); nom. illegit. (Arts 53.1, 53.3).

Ambispora appendicula (Spain, Sieverd. & N. C. Schenck) C. Walker, **comb. nov.**

MycoBank no.: MB 511420

Basionym: *Acaulospora appendicula* Spain, Sieverd. & N. C. Schenck, *Mycologia* **76**: 686 (1984).

Synonyms: *Appendicispora appendicula* (Spain, Sieverd. & N. C. Schenck) Spain, Oehl & Sieverd., *Mycotaxon* **97**: 170 (2006). *Ambispora leptoticha* (N. C. Schenck & G. S. Sm.) C. Walker, Vestberg & Schuessler *Mycol. Res.* **111**: 148 (2007).

Ambispora callosa (Sieverd.) C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 148 (2007).

MycoBank no.: MB 510213

Basionym: *Glomus callosum* Sieverd., *Angew. Bot.* **62**: 374 (1988).

Synonym: *Appendicispora callosa* (Sieverd.) C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 254 (2007).

Ambispora fennica C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 148 (2007).

MycoBank no.: MB 510210

Synonym: *Appendicispora fennica* (C. Walker, Vestberg & Schuessler) C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 254 (2007).

Ambispora fecundispora (N. C. Schenck & G. S. Sm.) C. Walker, **comb. nov.**

MycoBank no.: MB 511419

Basionym: *Glomus fecundisporum* N. C. Schenck & G. S. Sm., *Mycologia* **74**: 81 (1982).

Synonyms: *Appendicispora fecundispora* (N. C. Schenck & G. S. Sm.) C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 254 (2007). *Ambispora leptoticha* (N. C. Schenck & G. S. Sm.) C. Walker, Vestberg & Schuessler *Mycol. Res.* **111**: 148 (2007).

Ambispora gerdemannii (S. L. Rose, B. A. Daniels & Trappe) C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 148 (2007).

MycoBank no.: MB 510211

Basionym: *Glomus gerdemannii* S. L. Rose, B. A. Daniels & Trappe, *Mycotaxon* **8**: 297 (1979).

Synonyms: *Archaeospora gerdemannii* (S. L. Rose, B. A. Daniels & Trappe) J. B. Morton & D. Redecker, *Mycologia* **93**: 186 (2001). *Appendicispora gerdemannii* (S. L. Rose, B. A. Daniels & Trappe) Spain, Oehl & Sieverd., *Mycotaxon* **97**: 174 (2006).

Ambispora jimgerdemannii (Spain, Oehl & Sieverd.) C. Walker, **comb. nov.**

MycoBank no.: MB 511417

Basionym: *Appendicispora jimgerdemannii* Spain, Oehl & Sieverd., *Mycotaxon* **97**: 176 (2006).

Synonym: *Acaulospora gerdemannii* N. C. Schenck & T. H. Nicolson, *Mycologia* **71**: 193 (1979).

Non *Ambispora gerdemannii* (S. L. Rose, B. A. Daniels & Trappe) C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 148 (2007).

Ambispora leptoticha (N. C. Schenck & G. S. Sm.) C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 148 (2007).

MycoBank no.: MB 510212

Basionym: *Glomus leptotichum* N. C. Schenck & G. S. Sm., *Mycologia* **74**: 82–83 (1982).

Synonym: *Appendicispora leptoticha* (N. C. Schenck & G. S. Sm.) C. Walker, Vestberg & Schuessler, *Mycol. Res.* **111**: 255 (2007).

Hyde KD, 1995. Fungi from palms. XVIII. *Appendicispora coryphae*, a new name for *Apiosporella coryphae*. *Sydowia* **47**: 31–37.

Spain JL, Sieverding E, Oehl F, 2006. *Appendicispora*: a new genus in the arbuscular mycorrhiza-forming *Glomeromycetes*, with a discussion of the genus *Archaeospora*. *Mycotaxon* **97**: 163–182.

Walker C, Vestberg M, Demircik F, Stockinger H, Saito M, Sawaki H, Nishmura I, Schüßler A, 2007a. Molecular phylogeny and new taxa in the *Archaeosporales* (*Glomeromycota*): *Ambispora fennica* gen. sp. nov., *Ambisporaceae* fam. nov., and emendation of *Archaeospora* and *Archaeosporaceae*. *Mycological Research* **111**: 137–153.

Walker C, Vestberg M, Schüßler A, 2007b. Nomenclatural clarifications in *Glomeromycota*. *Mycological Research* **111**: 253–255.

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Mycological Research dates of publication 2007

Dispatch dates for the 2007 volume of *Mycological Research* were as follows:

111	(1)	1 March 2007
111	(2)	15 March 2007
111	(3)	23 April 2007
111	(4)	18 June 2007
111	(5)	2 July 2007
111	(6)	7 August 2007
111	(7)	25 August 2007
111	(8)	26 September 2007
111	(9)	28 November 2007
111	(10)	30 November 2007
111	(11)	18 December 2007
111	(12)	18 December 2007

New scientific names in this issue

Ambispora appendicula comb. nov. (syn. *Acaulospora appendicula*)

A. fecundispora comb. nov. (syn. *Glomus fecundisporum*)

A. jimgerdemannii comb. nov. (syn. *Appendicispora jimgerdemannii*)

Fomitoporia punicata sp. nov.

Olpidiopsis porphyrae sp. nov.

Pseudoinonotus tibeticus comb. nov. (syn. *Fomitoporia tibetica*)

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