

Some New Records of Ascomycetes from Scotland*

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Summary

The following species are reported from Great Britain for the first time: *Araudiella genistae*, *Cheilymenia pulcherrima*, *Keissleriella genistae*, *Sporormiella borealis*, and *Sporormiella grandispora*. The new combination *Sporormiella borealis* (= *Sporormia borealis* Egel.) is proposed and the combination *Sporormiella grandispora* (Speg.) Ahmed & Cain (= *Sporormia grandispora* Speg.) is validated.

Introduction

During the mycological excursion following the Tenth International Botanical Congress in 1964, a number of very interesting fungi were collected. A preliminary listing was compiled by Watling (unpubl.) and circulated to all excursion participants. It soon became apparent that some of these organisms had not been recorded from Great Britain before. A couple of the finds subsequently were reported upon by Ingold (1965). However, a number of additional species were collected which are not mentioned in Bisby and Mason (1940), Ramsbottom and Balfour-Brown (1951), or in Richardson and Watling (1968). Furthermore, they are not included in any of the individual reports on additional records which have appeared from time to time. In the present article I wish to report on a number of these new records. Wherever possible, specimens will be deposited at the Royal Botanic Garden, Edinburgh (E) as well as at the University of Toronto (TRTC).

New Records

Arnaudiella genistae (Fuckel) E. Müller, *Sydowia* **12**: 201. 1959.

On dead branches of *Sarothamnus scoparius*, Culbin Forest, near Forres, Morayshire, Scotland, 17 August 1964, *Krug*, TRTC 55011.

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Cheilymenia pulcherrima (Cr. & Cr.) Boud. *Bull. Soc. Mycol. France* **1**: 105. 1885.

On cow dung, Birdswald Fort on the Roman Wall, E of Gilsland, Cumberland, England, 26 August 1964, *Krug*, TRTC 55014; cow dung, Morrone Hill, near Braemar, Aberdeenshire, Scotland, 18 August 1964, *Krug*, TRTC 55012.

It has been suggested by Le Gal (1960) that this species might better be placed in a separate genus on the basis of the superficial origin of the excipular hairs and the yellowish contents of the ascospores. However, both Dennison (1964) and Moravec (1968) have considered the type of hair to be significant only on the specific level. Furthermore, Brummelen (1967) has pointed out that yellowish spore contents occur in a number of genera of the Humariaceae. From the work of Arpin (1968), it is inferred by Kimbrough (1970) that some of these genera with yellowish spores should be included with *Cheilymenia* Boud. in the Aleuriaceae. Therefore, it would appear that *C. pulcherrima* should be retained close to, if not within, this genus.

Keissleriella genistae (Fuckel) E. Müller, *Beitr. Krypt. Fl. Schweiz* **11**(2): 301. 1962.

On dead branches of *Sarothamnus scoparius*, Culbin Forest, near Forres, Morayshire, Scotland, 17 August 1964, *Krug*, TRTC 55010.
Sporormiella borealis (Egel.) *Krug* comb. nov.

= *Sporormia borealis* Egel., *Nytt. Mag. Bot.* **16**: 217. 1969.
(basionym).

On horse dung, near Dinnet, Aberdeenshire, Scotland, 15 August 1964, *Krug*, TRTC 55001.

It has been shown by Ahmed and Asad (1967) that *Sporormia fimetaria* DeNot., the type species, differs significantly from most of the other species subsequently placed in this genus. According to these authors, most of the species presently placed in *Sporormia* DeNot. would be better accommodated under *Sporormiella* Ell. & Ev.

Sporormiella grandispora (Speg.) Ahmed & Cain in ed., *Can. Jour. Bot.* **50** (in prep.). 1972.

= *Sporormia grandispora* Speg., *Michelia* **1**: 230. 1878. (basionym).

On rabbit dung, Forvie Sands, near Newburgh, 20 km north of Aberdeen, Aberdeenshire, Scotland, 20 August 1964, *Krug*, TRTC 55013.

This collection might better be referred to *Sporormiella cylindrospora*, a new taxon to be published by Ahmed and Cain, which differs from *S. grandispora* by the slightly larger ascospores. Furthermore, *S. grandispora* previously has been reported only from South America.

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