

**International Subcommittee on the Taxonomy of
Colletotrichum
Inaugural General Meeting
Minutes**

Chinese Academy of Sciences, Beijing, China
Thursday, 9 August 2012

Members present: L. Cai (Chair), B.S. Weir (Secretary), K.D. Hyde, B.D. Shenoy, R.G. Shivas

Also present: 9 attendees of the SKLM/MSc symposium “New Era of Fungal Nomenclature”

Regrets: P.F. Cannon, J. Correll, J. Crouch, P. Crous, U. Damm, P.R. Johnston, S. Rehner, T. Sato, Z. Liu

Chair: Lei Cai

Secretary: Bevan Weir

The meeting started at 1:30 pm, and was preceded by two presentations given by L. Cai and B.D. Shenoy on their recent research on *Colletotrichum* taxonomy from China and India, respectively.

1: Introduction to the ISCT (International Subcommittee on *Colletotrichum* taxonomy)

Bevan Weir gave an overview of the newly formed subcommittee, its members, and its goals. The most important short term goal is to produce a list of accepted and rejected names in *Colletotrichum* before IMC10 in August 2014. These lists are a necessary consequence of the recent changes to fungal nomenclature (one fungus = one name) introduced in the Melbourne Code.

2: *Colletotrichum* or *Glomerella*?

Bevan Weir gave an overview of the history and usage of the anamorphic typified name *Colletotrichum*, and its teleomorph typified name *Glomerella*. *Colletotrichum* is the earlier name, crude statistics show an 84% preference of *Colletotrichum* to *Glomerella* (16%) in nomenclator and citation databases, and this trend is historically consistent. Fewer name changes would result by using *Colletotrichum* as the name for the holomorph of the genus.

In a non-binding vote, all of the subcommittee members present supported using *Colletotrichum* over *Glomerella*, with an additional 7 votes from the floor. There were no abstentions or oppositions. This needs to be discussed with the other members of the subcommittee.

3: Accepted and Rejected lists of names

A long and fruitful discussion was held on the concept of the accepted and rejected lists.

The concept of a list of accepted names (with synonyms) was well accepted and it was thought that recent reviews on this topic such as Hyde et al. (2009) “*Colletotrichum* — names in current use” and Cannon et al. (2012) “*Colletotrichum* — current status and future directions” would provide an excellent starting point.

The concept of a rejected names list was more contentious with discussion ranging from a fully comprehensive list rejecting every name that has ever been mentioned that does not have a modern culture and DNA sequences, to not producing a rejected list at all and relying on synonymy in the accepted list to “reject” names.

It was provisionally proposed that we would produce a list of accepted names with synonyms, and a much shorter list of rejected names such as *Glomerella* names that can't be linked to a *Colletotrichum* name. However, we need the wording of the final version of the Code, and will follow guidance from the ICTF and NCF. This matter needs more discussion within the subcommission.

The means of communicating the lists to the NCF is yet to be resolved, but may take the form of a publication in the journal *Taxon*. To meet the deadline of IMC10 in August 2014 it is likely that we will need to prepare the list before the end of 2013.

4: Criteria for inclusion on a list of accepted names

The criteria for the inclusion of a name on the accepted list was discussed. We are able to accept a higher standard than the Code requires here, and came to a provisional suggestion that all names on the accepted list need to have a living ex-type culture, and a barcode-quality ITS sequence. Almost all recently described species, and revisions of the species complexes fulfil these criteria. For any exceptions, members of the subcommission may be able to obtain additional sequence data.

5: Proposal for a minimum standard of species description

In addition to producing a list of accepted and rejected names, the subcommission will produce guidelines on minimum standards for the description of new *Colletotrichum* species. Such guidelines may include:

- A living ex-type culture, deposited in at least two international culture collections
- A barcode-quality DNA sequence of ITS (and other genes such as GAPDH or BTUB yet to be decided)

Other suggestions such as requiring pathology tests, while useful, were thought to be overly prescriptive.

The meeting ended at 3:00 pm. Minutes approved by email on 24-August-2012.