

BIC Genetics Committee Minutes
Niagara Falls, Canada

Meeting location: Niagara Falls Marriott Gateway Hotel, Niagara Falls, Canada
Date: November, 5, 2012
Time: 5 PM

Attendance (committee members present)

| | | |
|--------------|---------------------------------------|------------------|
| Kirstin Bett | University of Saskatchewan, Saskatoon | Committee member |
| James Kelly | Michigan State University | Committee member |
| Tim Porch | USDA-ARS, Puerto Rico | Chairperson |
| Carlos Urrea | University of Nebraska | Committee member |

Note: There was insufficient attendance of the committee to establish a quorum, thus these minutes will be considered as suggestions for the committee to consider for approval.

Old Business:

1. The minutes were approved from the 2011 meeting on Nov. 2 in San Juan, Puerto Rico.

New Business:

1. **Anthracnose nomenclature and genetics of highly variable pathogens (J. Kelly, Michigan State U.):**

Several suggestions have been made in a letter from J. Kelly and J Ferreira (10/2012). The anthracnose Co genes are essentially resistance gene clusters and not separate major genes, thus a new system for naming Co genes is proposed. This new system should include relative position on the genetic map, genotype of the pathogen, and the bean genotype in which the resistance gene was identified. Additional superscripts were proposed for this information (e.g., *Co-3*^{38^{WD}}; for race 38 (CL18 isolate) on Widusa bean genotype in the Co-3 cluster). In addition, potentially flawed results can result from allelism tests in highly variable pathogens. Therefore, progeny testing with multiple races is proposed for addition to the requirements for the naming of new genes.

2. **BCMV nomenclature (J. Hart, Cornell U.):**

A proposal to replace the *cyv* gene symbol with the *bc-3*² gene symbol was presented based on evidence that indicates that *cyv* appears to be another allele of the *bc-3* locus. A literature review as well as phenotypic and molecular evidence was presented supporting the single locus hypothesis. The committee will consider this new nomenclature.

3. **Membership and next meeting:**

Several individuals were nominated as new members on the Genetics Committee including: Juan M. Osorno, Juan Jose Ferreira, and Venu (Kal) Kalavacharla. The next meeting will be held on 30 Oct. 2013 at the DoubleTree Hotel in Portland, OR from 7-9PM during the 2013 BIC meeting.

Meeting adjourned at 6:14 PM.