



Coordinating global research for wheat

EXPERT WORKING GROUP MEETING MINUTES

Meeting of the WheatIS Expert Working Group

WheatIS annual general meeting, January 13, 2017, 4pm-6pm (San Diego, USA)

Chaired by Hadi Quesneville

Participants

Hadi Quesneville (INRA, France)	Keywan Hassani-Pak (Rothamsted Research, UK)
Chris Rawlings (Rothamsted Research, UK)	Thomas Letellier (INRA, France)
Kate Dreher (CIMMYT, Mexico)	Marcella K. Tello-Ruiz (CSHL, USA)
Gerard Lazo (USDA-ARS, USA)	Klaus Mayer (HMGU, MIPS, Germany)
David Marshall (James Hutton Institute, UK)	Mario Caccamo (NIAB, UK)
Ute Baumann (Australian Centre for Plant Functional Genomics, Australia)	Rob Davey (EI, UK)
Michael Alaux (INRA, France)	Clayton L Birkett (T3, USA)
Manuel Spannagl (HMGU, MIPS, Germany)	Jean-Luc Jannink (USDA-ARS, USA)
Dave Edwards (UWA, Australia)	Cyril Pommier (INRA, France)
Paul Kersey (EBI-EMBL, UK)	

Apologies and Absentees

Amidou N'Diaye (University of Saskatchewan, Canada)	Ruth Bastow (GPC /GARNet, UK)
Fran Clarke (AAFC, Canada)	Doreen Ware (CSHL, USA)
Jorge Dubcovsky (University of California, Davis and HHMI, USA)	

Agenda

1. Welcome
2. Progress report
 - 4pm – 4:15: Michaël Alaux (INRA): WheatIS tools update.
 - 4:15-4:30: Mario Caccamo (NIAB) & Manuel Spannagl (MIPS): Update on the Munich gene nomenclature workshop.
3. Wheat IS node presentations
 - 4:30-4:45: Dave Edwards (Univ. of Western Australia): Brief update on UWA node & benchmark with the rice information system
 - 4:45-5:00: Marcela Karey Tello-Ruiz (Gramene) : The Gramene Databases
 - 5:00-5:15: Clayton L Birkett (Cornell): The Triticeae Toolbox
 - 5:15-5:30: Cyril Pommier (INRA): Phenotypes data integration at URGI
4. General discussion
 - 5:30 – 5:45: Hadi Quesneville (INRA): Expert Working Group 2016 activity report

MINUTES

1. Welcome

Hadi Quesneville welcomed the participants and thanked them to attend this meeting.

2. Progress report

Michael Alaux (INRA)

Michael Alaux presented the last development of the WheatIS tools. (see presentation joined: Alaux-WheatIS progress report-2017.ppt).

Mario Caccamo (NIAB, UK)

Mario Caccamo gave an update on the gene nomenclature workshop that held at Munich. (see presentation joined: Caccamo-Triticeae Gene Nomenclature Workshop-2017.pptx)

3. WheatIS nodes presentation

Dave Edwards (Univ. of Western Australia)

Dave Edwards presented a benchmark of the WheatIS with the rice information system (see presentation joined: Edwards-Towards the development of information systems for wheat and rice crop improvement-2017.pdf)

Marcela Karey Tello-Ruiz (Gramene)

Marcela Karey Tello-Ruiz presented the comparative plant resources at Gramene Databases (see presentation joined: Tello-Ruiz-Gramene Comparative Plant Resource-2017.pdf)

Clayton L Birkett (Cornell)

Clayton Birkett presented The Triticeae Toolbox, a new WheatIS node (see presentation joined: Birkett-Triticeae Toolbox-2017.pptx)

Cyril Pommier (INRA)

Cyril Pommier presented the phenotypes data integration at URGI (see presentation joined: Pommier-GnpIS Phenotyping for wheat-2017.pptx)

4. General discussion

Hadi Quesneville (INRA, France)

Hadi Quesneville presented the WheatIS report sent to the wheat initiative, the action plan for 2017, and the budget asked. (see presentation joined: Quesneville-WheatIS-Report-2017.pptx)

Followed some discussion about:

- Species scope: Some nodes have data for species related to wheat such as rye and oat. These data being indexed in the WheatIS search, they may appear in the search results. We decided to restrict to the wheat and barley species for (i) being homogeneous between the nodes, (ii) not confusing users on the fact that we try to be exhaustive on the other wheat related species, and (iii) to concentrate our efforts on these species. Consequently, we consider that species such as rye and oat are outside the WheatIS species scope.
- New potential nodes: We identified that a node for durum wheat is missing. Something has to be discussed with the Durum Wheat EWG.
- Industry engagement in the WheatIS. It is considered as weak currently. Perhaps a lack of interest for the tools and resources developed. We must discuss with them directly on how to better interact with them, in order to be sure that we are useful for them.

Additional documents

WheatIS-AGM2017-Talks.zip: An archive of all the presented talk