



List of registered posters

****Posters need to be set up on Tuesday from 8.30-9.00****

DAY 02

Tuesday, 17 June 2014

Main location Churchill College, University of Cambridge

17.30–18.00 POSTER SESSION – Theme I

THEME I – Characterization Techniques to identify traits and expedite plant breeding

Petr Smykal

*Introgression lines of wild *Pisum fulvum*/P. elatius into cultivated pea (*P. sativum*) genetic background, as a tool to broaden genetic diversity.*

Ioannis Tokatlidis, Anastasia Kargiotidou, Ioannis Papadopoulos, Ioannis Mylonas and **Elissavet Ninou**

Conditions that optimize individual plant performance boost the chance to qualify and beneficially utilize the within a landrace genetic variability

Anastasia Kargiotidou, Ioannis Mylonas, Chrysanthi Foti, Antar El-Banna, Constantinos Tzantarmas, Dimitrios Vlachostergios and **Ioannis Tokatlidis**

Spatial heterogeneity within lentil landraces is better sampled by the honeycomb rather than the classical-plot arrangement

Yerlan Dutbayev, Gulnura Suleimanova, Nadira Sultanova and Alexei Morgounov

New ways of screening of genofund of wheat to Leaf and Stripe rust in Kazakhstan

Yerlan Dutbayev, Altynbek Kuresbek, **Gulfaridat Kampitova**, Nadira Sultanova and Alexei Morgounov

New ways of screening of genofund of winter wheat to Common Bunt in Kazakhstan

Emily Gichuhi, Eiko Himi, Takahashi Hidekazu and Masahiko Maekawa.

Latent traits of Oryza longistaminata could contribute to the realization of a sustainable culture system in rice

Aleksandra Dimitrijević, Miguel Cantamutto, Mónica Poverene, Darko Stojićević, Dragana Božić, Sava Vrbničanin, Ivana Imerovski and Dragana Miladinović.

Agroecological characterization of the wild sunflower from three sunflower crop regions of South America and Europe

Audrey Didier, Marion Deloche, Lionel Bardy and François Balfourier

The French Genetic Resources Centre on Small Grain Cereals: a tool-box for pre-breeding

Pasquale Tripodi, Francesco Di Dato and **Teodoro Cardi**

Genetic and phenotypic variability in rocket germplasm

Sreten Terzić, Boško Dedić, Jovanka Atlagić, Dragana Miladinović, Sonja Tančić, Vladimir Miklič and Siniša Jocić.

Screening Helianthus species for resistance to diseases in field conditions

Jana Repkova, **Jan Istvanek**, Jan Nedelnik, Hana Jakesova and Jana Simandlova

Next-generation sequencing and genome characterization of red clover and its wild relative zig-zag clover

Duane Falk

Commercial success of introgressing wild relatives, land races, and exotic germplasm into elite breeding populations in barley

Petra Engel, Maria Antonietta Palombi, Carlo Fideghelli and Flavio Roberto De Salvador

Crop Wild Relatives (CWR) of cultivated fruit species: Rootstocks for sustainable production

Abel Teshome, Esayas Mendesil, Mulatu Geleta, Derege Andargie, Peter Anderson, Birgitta Rämert, Emiru Seyoum, Ylva Hillbur, Kifle Dagne and Tomas Bryngelsson

Screening resistance against pea weevil (Bruchus pisorum L.) in the primary gene pool of Ethiopian field pea (Pisum sativum var. sativum L.) accessions

Aigul Abugalieva, Timur Savin, Kenebay Kozhahmetov and Ismail Cakmak

Wild relatives in breeding to improve wheat cereal

Linda Mondini, Miloudi Nachit and **Mario A. Pagnotta**

Identification of allelic variants present in durum wheat (Triticum turgidum L. var durum) landraces able to confer salt tolerance

Garima Sharma, Jeremy Pritchard and Brian Ford Lloyd

Looking for Insect resistance in Brassicas: Combining physiology with plant transcriptomics to identify new sources of resistance and candidate genes

Koen Pelgrom, Colette Broekgaarden, Roeland Voorrips and Ben Vosman

Mapping and validation of QTLs for resistance to whitefly in cabbage

Roeland E. Voorrips, Awang Maharijaya and Ben Vosman

Crop wild relatives as a source of insect resistance: example of thrips resistance in pepper (Capsicum annum)

Tamas Csikasz and **Monika Treitz**

Hungarian sunflower landrace ISZCS (Helianthus annuus L.) as a source of fertilizing ability of central flowers of disk (FACFD) to drought-heat stress resistance

Lorenzo Raggi, Salvatore Ceccarelli, Renzo Torricelli and Valeria Negri

Morphological and molecular characterization of a barley composite cross derived population

Shumaila Muzammil

*Proline related genes expression in *Hordeum vulgare* response to water-deficit stress*

Maarten van Zonneveld, **Marleni Ramirez**, David Williams, Michael Petz, Sven Meckelmann, Teresa Avila, Carlos Bejarano, Llermé Ríos, Dimary Libreros and Scheldeman Xavier

*Exploration of underutilized crop diversity of *Capsicum peppers* in their primary center of diversity in Bolivia and Peru*

Johnie Jenkins and Jack McCarty

*Interspecific introgression of resistance to reniform nematode from *Gossypium barbadense* L wild photoperiodic accession GB713 into upland cotton*

Aleksandar Mikić, **Sreten Terzić**, Svetlana Antanasović, Bojan Zlatković, Branko Ćupina, Vojislav Mihailović and Ana Marjanović-Jeromela

*First reports on the local landraces of chickpea (*Cicer arietinum*) in Serbia and results on their breeding value*

Rida Shibli, Mohamad Shatnawi and **Sobhia Saifan**

In Vitro Conservation of Plant Genetic Resources in Jordan

Pablo Jourdan and Peter Zale

*Defining gene pools to enhance cultivated *Phlox*: Development and characterization of wild germplasm for use in interspecific hybridization between an ornamental crop and its wild relatives*

Ahu Altinkut Uncuoglu, Umut Tuyel, **Ezgi Cabuk Sahin**, Funda Senturk Akfirat, Yildiz Aydin, Ozge Karakas Metin, Muhammet Sakiroglu, Metin Tuna, İlker Nizam and Erdal Kaya

*Genetic Diversity and Association Mapping Studies in *Colchicum* L.*

Ezgi Cabuk Sahin, Yildiz Aydin, Muhammet Sakiroglu, Erdal Kaya and Ahu Altinkut Uncuoglu

LEAFY as a Candidate Gene for Association Mapping in Colchicum L

Jerzy H. Czembor, Lothar Frese, Gisela Neuhaus and **Elzbieta Czembor**

PGR management in Poland - SWOT analysis

Jerzy H. Czembor and Henryk J. Czembor

Barley landraces as source of resistance to leaf rust and powdery mildew

Elzbieta Czembor

Ecotypes as a source of diversity for perennial grasses recommended for conventional and low input agriculture

Ws Jansen van Rensburg, **Abe S. Gerrano** and Po Adebola

Variability in cowpea germplasm assessed using phenotypic traits

Zongwen Zhang, Jin Zhang, Ping Lu, Bin Wu, Ganggang Guo, Minxuan Liu and Xin Chen

Promoting the evaluation and accessibility of genetic diversity of underutilized crops in China

DAY 03

Wednesday, 18 June 2014

Main location Churchill College, University of Cambridge

8.30–9.00 POSTER SESSION – Theme II

THEME II – Conservation Strategies

Jade Phillips, Asmund Asdal and Nigel Maxted

National implementation of the conservation of plant genetic resources within Norway

Jade Phillips, Jade Phillips, Angelos Kyrtziz, Charalambos Christoudoulou, Shelagh Kell and Nigel Maxted

Development of a national crop wild relative conservation strategy for Cyprus

Lena Ansebo, Tino Hjorth Bjerregaard, Erik Persson and Svein Øivind Solberg

Cultural relict plants – living ancient monuments and how to conserve them

Heli Fitzgerald, Helena Korpelainen and Merja Veteläinen

Developing a crop wild relative conservation strategy for Finland

Ana Maria Barata, Filomena Rocha, Violeta Rolim Lopes, Rui Maia de Sousa, Eduardo Eiras Dias and Benvindo

National Programme for plant genetic resources – a platform of cooperation in Portugal

Bronislovas Gelvonauskis, **Laima Šveistytė**, Juozas Labokas and Dalia Gelvonauskisne

Ex situ conservation of crop wild relative genetic resources in Lithuania

Lorenzo Raggi, Lorenzo Panella, Flavia Landucci, Renzo Torricelli, Roberto Venanzoni and Valeria Negri

A gap analysis for Brassica incana Ten. and B. montana Pourr. present in Italy

Renzo Torricelli, Flavia Landucci, Lorenzo Panella, Domizia Donnini, Daniela Gigante, Roberto Venanzoni, Lorenzo Raggi and Valeria Negri

First steps towards an Italian conservation strategy for Crop Wild Relatives and Wild Harvested Plants

Rene Aavola, **Külli Annamaa**, Sirje Tamm and Ants Bender

Collection and exploration of crop wild relatives of grasses and herbage legumes in Estonia

Jelka Šuštar Vozlič, Marko Maras, Kristina Ugrinović, Špela Velikonja Bolta, Vida Žnidaršič Pongrac, Tanja Zadražnik and Vladimir Meglič

Reintroduction of traditional Slovenian common bean landraces to facilitate their conservation and use

Turki Ali Al- Turki, Y.S. Masrahi and M. A. Basahi

Ex-situ conservation of genetic resources of crop plants in Saudi Arabia

Matthias Ziegler, Gloria Ledesma-Krist and **Sarah Sensen**

Establishment of a network of genetic reserves in Germany. The example of Vitis vinifera L. subsp. sylvestris (C. C. Gmel.) Hegi

Lorena Marinoni, Andrés Bortoluzzi, **Mauricio Parra-Quijano**, Juan Zabala and José Pensiero

Ecogeographical Land Characterization (ELC) maps as a tool for optimized collecting and improvement on representativeness of a Trichloris genebank in Argentina

DAY 04

Thursday, 19 June 2014

Main location Churchill College, University of Cambridge
8.30–9.00 POSTER SESSION – Theme III and IV

THEME III – Facilitating CWR and LR use

Svein Øivind Solberg, Axel Diederichsen, Line Breian and Gert Poulsen

Genebank interactions with the seed sector in the Nordic and Arctic regions

Aigul Abugalieva, Igor Loskutov, Timur Savin and Myrzan Nurpeisov

Improving and classification grain quality for oat breeding lines

Ales Lebeda, Eva Kristkova, Miloslav Kitner, Barbora Mieslerova and Michaela Jemelkova

Wild Lactuca serriola richness for lettuce breeding

Ozlem Akan and Reyhan Akay

*Effect of soaking and temperature on germination of two wild asparagus (*Asparagus acutifolius* L.) ecotypes*

Elissavet Ninou, Chrysanthi Foti, Ioannis Mylonas, Anastasia Kargiotidou, Constantinos Tzantzarmas, Dimitrios Vlachostergios, Chrysanthi Pankou, Anastasios Lithourgidis and Ioannis Tokatlidis

*The utilization of a Greek lentil (*Lens culinaris* L.) landrace diversity through selection for single-plant yield under low density*

THEME IV – Informatics development

Ludmila Papoušková

Crop wild relatives and landrace resources stored in Genebank in CRI Prague

Imke Thormann, María Luisa Rubio-Teso, Mauricio Parra-Quijano and Jose M. Iriondo

Predictive characterization of Beta CWR using the ecogeographical filtering method

Michael Stierschneider, **Eva Maria Sehr** and Silvia Fluch

A DNA repository for germplasm collections

Ludmila Papoušková

Crop wild relatives and landrace resources stored in Genebank in CRI Prague
