

MINUTES
36th RICE CROP GERMLASM COMMITTEE MEETING
TUESDAY, 1 MARCH 2016
Moody Gardens, Galveston, TX

The 36th meeting of the Rice Crop Germplasm Committee was held on Tuesday, 1 March 2016 in Galveston, TX, in conjunction with the 36th Rice Technical Working Group. Members in attendance were Farman Jodari (Chair), Georgia Eizenga, Martha Malapi-Wright, Anna McClung, Karen Moldenhauer, Jack Okamuro, Qiming Shao, Rodante (Dante) Tabien, and M.O. Way. Members participating via conference call were Peter Bretting, Harold Bockelman and Gary Kinard. Members not present were Jim Correll, Jim Oard, Xueyan Sha and Tim Walker. Guests in attendance were Donn Beighley, Adam Famoso, Joe Kepiro, Ken McKenzie, and Ed Redoña. The meeting was called to order at 4:00 pm.

The minutes of the 35th Rice Crop Germplasm Committee held on January 27, 2015 in Stoneville, MS were approved by a motion from Karen Moldenhauer, seconded by Georgia Eizenga, and supported by the other committee members.

Gary Kinard, USDA/ARS National Germplasm Resources Lab, reported on the transition from GRIN (Germplasm Resources Information Network) to GRIN-Global which was launched in February. Gary mentioned the overview presentation being given via a webinar as part of RTWG by Marty Reisinger on Thursday, March 3, and encouraged people to attend. The previous GRIN had to be changed to meet the current security requirements. It is hoped that GRIN-Global will be used by many genebanks throughout the world, thus enabling better networking between countries to share information regarding accessions, if not the accessions themselves. It is hoped that GRIN-Global will be a major feeder into GENESYS, the portal to other national collections. Gary informed the group that proposals for the Plant Exploration and Exchange Program for FY2017 are due July 22, 2016.

Harold Bockelman, Curator of the Small Grains Collection, reported on the status of the rice germplasm collection including six new accessions which have a PVP being added and approximately 1,095 seed packets being distributed in response to 111 requests. Harold updated the number of accessions with descriptor information. Currently, there are 19,040 accessions in the collection. Kent McKenzie mentioned the new quarantine procedures California has invoked.

Jack Okamuro, ARS/USDA National Program Leader for rice reported Kay Simmons had retired and Maureen Whalen has been hired as the new Deputy Administrator for Crop Production and Protection. She has a strong plant science background. The Natural Resources and Sustainable Agriculture position is also open. Jack discussed that the next important step to improve breeding is to make phenotyping more efficient to better utilize the genotyping resources currently available.

Martha Malapi-Wright, USDA/APHIS PPQ, newly hired for *Poaceae* quarantine, was in attendance. She introduced herself and reported that 75 accessions were imported from IRRI (International Rice Research Institute) of which 73 produced seed that was shipped to the importer. Currently 110 accessions from IRRI were being grown and 100-130 entries could be

grown in the current year. She would need seed by Sept.-October. Ed Redoña suggested bringing the MAGIC (Multi-parent Advanced Generation Inter-cross) populations being developed by IRRI through quarantine.

Anna McClung, USDA/ARS Dale Bumpers National Rice Research Center (DBNRRC) informed the group of the “*Tropical Japonica Core Collection*” being established at the DBNRRC. It includes many of the lines imported from Brazil 2-3 years ago. Also, she mentioned that there may other accessions which would be good to import. The importation of the accessions which are included in the 3,000 Genomes Project (3K Genomes) headed by IRRI was discussed. An accession name match identified those 3K accessions already in the USA. This collection has a large number of *indica* accessions.

Joe Kepiro, rice breeder, Rice Research Inc. challenged the committee with the problem a small company now has importing rice seed into California with the restructuring of the state importation guidelines. Suggestions were given as to how to deal with this issue.

Peter Bretting from the USDA/ARS office of National Programs, made a powerpoint presentation on the status of the National Plant Germplasm System (NPGS) which highlighted the increased number of accessions, distributions, budget and priorities for the NPGS. The highest priorities are acquisition, maintenance, regeneration, documentation & data management, and distribution, with lower priority given to characterization, evaluation and enhancement. Peter highlighted how the collection is much more “visible” with the introduction of GRIN-Global and the challenge of flat budgets despite the increased use, doing more with less. There is increased emphasis on crop wild relatives. Peter stressed the importance of the crop vulnerability statements, as well as, updating and reviewing the statement.

The need to revise and update the rice crop vulnerability statement was discussed. Jeff Oster and Don Groth have provided a list of rice diseases for the statement. M.O. Way agreed to provide the list of the rice insect pests. Other points discussed were the Mexican Rice Borer which is also found in sugarcane, which is a pest in Texas and southern Louisiana. Anna mentioned the need for abiotic stress information in the statement.

With the new GRIN-Global, all the CGC minutes can be made available via the website. Most likely the historic record of the CGC minutes are at the DBNRRC as paper copies. Anna suggested these be scanned as pdf files and uploaded onto the website.

Farman made recommendations for committee changes after contacting members whose terms were completed in 2016. His recommendations were Paul Sanchez and Adam Fomosa for six year terms on the committee in the positions held by M.O. Way and Jim Oard; Karen Moldenhauer for another six year term and Georgia Eizenga as committee chair for Farman Jodari whose term was completed. Ed Redoña was recommended to complete the term for Tim Walker. These actions were approved by a unanimous vote from all committee members present.

Karen Moldenhauer made the motion to adjourn, Georgia Eizenga seconded the motion, and the motion was supported by all members.

Appendix I. CGC members updated after March 1, 2016 business meeting with year term ends in parentheses.

<p>Dr. Georgia Eizenga, Chair (2018) USDA-ARS Dale Bumpers National Rice Research Center 2890 Hwy 130 E Stuttgart, AR 72160 Georgia.Eizenga@ars.usda.gov</p>	<p>Dr. James Correll (2018) Plant Pathology Dept. University of Arkansas Fayetteville, AR 72701 jcorrell@uark.edu</p>
<p>Dr. Adam Famoso (2022) H. Rouse Caffey Rice Research Station Louisiana State University 1373 Caffey Road Rayne, LA 70578 AFamoso@agcenter.lsu.edu</p>	<p>Dr. Farman Jodari (2020) Calif. Coop. Rice Res. Foundation P.O. Box 306 Biggs, CA 95917-0306 fjodari@crf.org</p>
<p>Dr. Karen Moldenhauer (2022) Rice Research and Extension Center University of Arkansas 2900 Hwy 130 E Stuttgart, AR 72160 kmolden@uark.edu</p>	<p>Dr. Edilberto (Ed) Redoña (2018) Delta Branch Experiment Station Mississippi State University 82 Stoneville Rd. P.O. Box 197 Stoneville, MS 38776 ed.redona@msstate.edu</p>
<p>Dr. Paul Sanchez (2022) Calif. Coop. Rice Res. Foundation P.O. Box 306 Biggs, CA 95917-0306 PLSanchez@crf.org</p>	<p>Dr. Xueyan Sha (2020) Rice Research and Extension Center University of Arkansas 2900 Hwy 130 E Stuttgart, AR 72160 xsha@uark.edu</p>
<p>Dr. Qiming Shao (2018) Crop Production Service 676 County Rd 324 El Campo, TX 77439 qiming.shao@cpsagu.com</p>	<p>Rodante (Dante) Tabien (2018) Texas Ag Exp. Station 1509 Aggie Drive Beaumont, TX 77713 retabien@ag.tamu.edu</p>
<p>Dr. Harold Bockelman, Ex-officio USDA-ARS National Small Grains Collection 1691 S 2700 W Aberdeen, ID 83210 Harold.Bockelman@ars.usda.gov</p>	<p>Dr. Gary Kinard Research Leader USDA-ARS National Germplasm Resources Laboratory Beltsville, MD Gary.Kinard@ars.usda.gov</p>
<p>Dr. Martha Malapi-Wight, Ex-officio Lead Plant Pathologist - Poaceae Quarantine USDA-APHIS Plant Germplasm Quarantine Program Bldg. 580, BARC-East Beltsville, MD 20705 martha.malapi-wight@aphis.usda.gov</p>	<p>Dr. Anna M. McClung, Ex-officio USDA-ARS Dale Bumpers National Rice Research Center 2890 Hwy 130 E Stuttgart, AR 72160 Anna.Mcclung@ars.usda.gov</p>
<p>Dr. Jack Okamuro, Ex-officio USDA-ARS, NPS Nat. Prog. Leader, Gen'l Biological Sci., Plant Physiology & Cotton 5601 Sunnyside Avenue Beltsville, MD 20705-5139 Jack.Okamura@ars.usda.gov</p>	