

Plant Genetic Resources Characterization and Utilization

Contents

In this Issue

<i>Robert Koebner</i>	187
Genetic variability of phytic acid phosphorus and inorganic phosphorus in cultivated groundnut (<i>Arachis hypogaea</i> L.) <i>Poonam A. Hande, Suwendu Mondal, A. M. Badigannavar and S. F. D'Souza</i>	190
Morphology and fitness components of wild × crop F ₁ hybrids of <i>Sorghum bicolor</i> (L.) in Ethiopia: implications for survival and introgression of crop genes in the wild pool <i>Asfaw Adugna and Endashaw Bekele</i>	196
Association of <i>qLTG3-1</i> with germination stage cold tolerance in diverse rice germplasm from the Indian subcontinent <i>Clarissa Challam, Gayle Alisha Kharshing, Julia S. Yumnam, Mayank Rai and Wricha Tyagi</i>	206
Introgression of Botrytis grey mould resistance genes from <i>Cicer reticulatum</i> (<i>bgmr1_{cr}</i>) and <i>C. echinospermum</i> (<i>bgmr1_{ce}</i>) to chickpea (<i>C. arietinum</i>) <i>D. Ramgopal, R. K. Srivastava, S. Pande, A. Rathore, D. R. Jadbav, M. Sharma, P. M. Gaur and N. Mallikarjuna</i>	212
Genebank data-management software incorporating seed-viability test results <i>Masaru Takeya, Fukubiro Yamasaki, Sachiko Hattori, Chie Oyanagi, Takashi Chibana and Noribiko Tomooka</i>	217
NIASGBsnp: integration of single nucleotide polymorphism data of rice (<i>Oryza sativa</i> L.) genetic resources <i>Masaru Takeya, Fukubiro Yamasaki, Sachiko Hattori and Kaworu Ebana</i>	221
Microsatellite analysis to rationalize grape germplasm in India and development of a molecular database <i>Anuradha Upadhyay, Lalitkumar B. Aber, Manisha P. Shinde, Kavita Y. Mundankar, Anuj Datre and G. S. Karibasappa</i>	225
Climate change and crop wild relatives: can species track their suitable environment, and what do they lose in the process? <i>Marleen M. P. Cobben, Rob van Treuren and Theo J. L. van Hintum</i>	234
Genetic characterization of sunflower breeding resources from Argentina: assessing diversity in key open-pollinated and composite populations <i>M. V. Moreno, V. Nishinakamasu, M. A. Loray, D. Alvarez, J. Gieco, A. Vicario, H. E. Hopp, R. A. Heinz, N. Paniego and V. V. Lia</i>	238
A baseline study of vicine–convicine levels in faba bean (<i>Vicia faba</i> L.) germplasm <i>Khalil Khamassi, Fayçal Ben Jeddi, Doug Hobbs, Jose Irigoyen, Fred Stoddard, Donal M. O'Sullivan and Huw Jones</i>	250
Variation in inflorescence architecture associated with yield components in a sorghum germplasm <i>Khaing Pann Witt Hmon, Tariq Shehzad and Kazutoshi Okuno</i>	258
Perceptual distinctiveness in Native American maize (<i>Zea mays</i> L.) landraces has practical implications <i>Abdullah A. Jaradat</i>	266
Microsatellite markers for common lilac (<i>Syringa vulgaris</i> L.) <i>Inka Juntheikki-Palovaara, Kristiina Antonius, Leena Lindén and Helena Korpelainen</i>	279
Fishing in the gene pool – how useful was the catch? <i>Robert Koebner and Rodomiro Ortiz</i>	283