

Plant Genetic Resources Characterization and Utilization

Contents

Short Communication	
High-molecular-weight (HMW) glutenin subunit composition of the Elite-II synthetic hexaploid wheat subset (<i>Triticum turgidum</i> × <i>Aegilops tauschii</i> ; $2n = 6x = 42$; AABBDD)	Amna Bibi, Awais Rasheed, Alvina Gul Kazi, Tariq Mahmood, Saifullah Ajmal, Iftikhar Ahmed and Abdul Mujeeb-Kazi 1
Conservation of genetic diversity in regenerated landraces of Italian ryegrass	J. E. López and J. A. Oliveira 5
Cryopreservation of <i>in vitro</i> -grown shoot tips of strawberry by the vitrification method using aluminium cryo-plates	Shin-ichi Yamamoto, Kuniaki Fukui, Tariq Rafique, Nayyar Iqbal Khan, Carlos Roman Castillo Martinez, Kentaro Sekizawa, Toshikazu Matsumoto and Takao Niino 14
Short Communication	
Conservation of <i>Billbergia zebrina</i> genetic resources: AFLP polymorphism of <i>in vitro</i> regenerated genotypes	Lirio L. Dal Vesco, Valdir M. Stefenon, Leocir J. Welter, Neusa Steiner and Miguel P. Guerra 20
Mainstreaming the continuum approach to the management of plant genetic resources for food and agriculture through national strategy	Chikelu MBA, Elcio P. Guimaraes, Gouantoueu R. Guei, Clair Hershey, Michela Paganini, Barbara Pick and Kakoli Ghosh 24
Using SSR markers to map genetic diversity and population structure of <i>Solanum pimpinellifolium</i> for development of a core collection	Eguru Sreenivasa Rao, Palchamy Kadirvel, Rachael C. Symonds, Subramaniam Geethanjali and Andreas W. Ebert 38
Comparative analysis of genetic similarity among sorghum (<i>Sorghum bicolor</i> (L.) Moench) lines as revealed by morphological and molecular markers	D. Chandrasekara Reddy, S. Audilakshmi, R. Madhusudhana and N. Seetharama 49
Latitudinal variation and distribution of photoperiod and temperature sensitivity for flowering in the world collection of pearl millet germplasm at ICRISAT genebank	H. D. Upadhyaya, K. N. Reddy, Mohd Irshad Ahmed, Naresh Dronavalli and C. L. L. Gowda 59
Short Communication	
Development of the Northern European <i>Ribes</i> core collection based on a microsatellite (SSR) marker diversity analysis	Kristiina Antonius, S. Karhu, H. Kaldmäe, G. Lacis, R. Rugenius, D. Baniulis, A. Sasnauskas, E. Schulte, A. Kuras, M. Korbin, Å. Gunnarsson, G. Werlemark, D. Ryliskis, T. Todam-Andersen, L. Kokk and K. Järve 70
Assessing genetic diversity, population structure and gene flow in the Korean red bean [<i>Vigna angularis</i> (Willd.) Ohwi & Ohashi] using SSR markers	Kim Banni, Kyaw Thu Moe and Yong-Jin Park 74
Genetic diversity of bean (<i>Phaseolus</i>) landraces and wild relatives from the primary centre of origin of the Southern Andes	Teresa Avila, Matthew W. Blair, Ximena Reyes and Pierre Bertin 83
Reviewers' list 2011	93