

Volume 2 Issue 2 August 2004

PLANT GENETIC RESOURCES

CHARACTERIZATION
AND UTILIZATION



CABI Publishing

ISSN 1479-2621



Plant Genetic Resources: Characterization and Utilization

Aims and Scope

Published on behalf of the National Institute for Agricultural Botany, this international peer-reviewed journal provides a forum for describing the application of novel genomic technologies, as well as their integration with established techniques, towards the understanding of the genetic variation captured in both *in situ* and *ex situ* collections of crop and non-crop plants.

The journal also provides an airing for the wider issues relevant to plant germplasm conservation and utilization, including those dealing with policy and its wider implications, and studies involving interpretation and synthesis of data. Multi-disciplinary approaches that incorporate both a technical and a socio-economic focus are welcome, as are papers which take a wider cross-cutting view of the subject.

Technical aspects cover developments in technologies of potential or demonstrated relevance to the analysis of variation and diversity at the phenotypic and genotypic levels; the development of rational germplasm collection, evaluation and conservation strategies; and the impact of crop genetic modification and biotechnology on plant genetic resources. Non-technical aspects will include ethical, legal, commercial and social issues of relevance, in particular relating to farmers' rights, intellectual property and ethnobotany.

Plant Genetic Resources: Characterization and Utilization publishes four types of paper:

- Full research paper - A full account of a complete project with experimental details.
- Short communication - A preliminary account of early findings in ongoing work.
- Research notes - Short accounts of small projects that might not merit a full paper but that nonetheless would be of interest to the community.
- Reviews - Literature overviews of recent research in a large subtopic or comparative reviews of related work in different species. Book reviews are also welcomed.

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Plant Genetic Resources Characterization and Utilization

Contents

The potential of enhanced germplasm for mungbean (<i>Vigna radiata</i> (L.) Wilczek) improvement <i>I. S. Bisht, K. V. Bhat, S. Lakhanpaul, B. K. Biswas, B. Ram and S. P. S. Tanwar</i>	73
Variation in agronomically important traits in natural populations of wild emmer wheat, <i>Triticum dicoccoides</i> , in Israel <i>Alex Beharav and Eviatar Nevo</i>	81
After the conflict: plant genetic resources of southern Sudan <i>Jonathan Robinson</i>	85
Variation studies in a wild groundnut species, <i>Arachis stenosperma</i> Krapov. & W.C. Gregory nov. sp. <i>A. K. Singh, J. Smartt and Rakesh Singh</i>	99
Transfer of simple sequence repeat (SSR) markers across the legume family for germplasm characterization and evaluation <i>M. L. Wang, A. G. Gillaspie, M. L. Newman, R. E. Dean, R. N. Pittman, J. B. Morris and G. A. Pederson</i>	107
AFLP characterization and genetic diversity analysis of Indian banana and plantain cultivars (<i>Musa</i> spp.) <i>K. V. Bhat, Y. Amaravathi, P. L. Gautam and K. C. Velayudhan</i>	121
New <i>Saccharum</i> hybrids in <i>S. spontaneum</i> cytoplasm developed through a combination of conventional and molecular breeding approaches <i>Y.-B. Pan, D. M. Burner, Q. Wei, G. M. Cordeiro, B. L. Legendre and R. J. Henry</i>	131

Plant Genetic Resources Characterization and Utilization

Volume 2 2004

ISSN: 1479-2621 (Print)

ISSN: 1479-263X (Internet)

www.cabi-publishing.org/pgr

Publishing, Production, Marketing and Subscription Sales Office:

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E-mail: publishing@cabi.org
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Plant Genetic Resources: Characterization and Utilization is an international journal published tri-annually by CABI Publishing in April, August and December.

Special sales and supplements:

This journal accepts advertising and inserts. We also provide bulk reprints of suitable papers to meet teaching or promotional requirements. The journal also publishes proceedings on behalf of academic and corporate sponsors. Please contact Melanie Fox at the Wallingford address for further details.

Subscription information:

The subscription rates for Volume 2, 2004 (3 issues) are:

Institutional subscription

Internet/Print Package £145.00/\$225.00 (Americas only)

Internet only £115.00/\$200.00 (Americas only)

Print only £135.00/\$235.00 (Americas only)

Any **supplements** to this journal published in the course of the annual volume are normally supplied to subscribers at no extra charge.

Back volumes are available. Please contact CABI Publishing for further information.

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Despatch: deliveries outside the UK are by ASP Printflow Airsaver unless other arrangements are made. Customers requiring airmail delivery should indicate clearly their requirements and add an additional 10% to the relevant subscription price.

US POSTMASTERS: please send address corrections to CABI Publishing at the Wallingford address.

Information for Authors:

Two copies of the manuscript and artwork should be sent to:

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