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home page about us contact

us

Tab	le	of	
Cor	ite	nts	3

IN PRESS

CJGPB 2014

CJGPB 2013

CJGPB 2012

CJGPB 2011

CJGPB 2010

CJGPB 2009

CJGPB 2008

CJGPB 2007

CJGPB 2006

CJGPB 2005

CJGPB 2004

CJGPB 2003

CJGPB 2002

CJGPB

Home

Editorial Board

For Authors

- AuthorsDeclaration
- Instruction to Authors
- Guide for Authors
- CopyrightStatement
- Submission

For Reviewers

- Guide for Reviewers
- ReviewersLogin

Subscription

Czech J. Genet. Plant Breed.

Standard descriptors and EURISCO development

Czech J. Genet. Plant Breed., 46 (2010): S106-S109

The paper gives information about both the genesis, and a survey of, the descriptors used for the documentation of plant genetic resources held in ex situ crop collections. The first international documentation standards were developed by the FAO in the 1950s. In 1974, a specific body for plant genetic resources, the IBPGR (International Board for Plant Genetic Resources), was established within the FAO. Since the 1970s, the descriptor lists for main crop collections have been developed, including passport descriptor sets. For the most part, the passport descriptors were common to all crops, with only slight differences. In 1997, the first attempt to create a standard set of descriptors resulted in 24 passport descriptors developed by FAO and IPGRI (International Plant Genetic Resources Institute) working in cooperation. In 2001, the official Multi-Crop Passport Descriptor list (MCPD) was published, including a revised standard set of 28 descriptors. The European ex situ crop catalogue (EURISCO) enlarged the standard set of passport descriptors by adding 6 additional fields in 2002; and another 2 new descriptors were added in November of 2008. A global level of data compatibility is preferred; therefore projects aimed at world-wide utilization and standardization of systems, such as GRINGlobal, and Accession-Level Information System (ALIS), are supported.

Keywords:

documentation; European crop catalogue; *ex-situ* collection; plant genetic resources

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