

23rd International Eucarpia Symposium
Section Ornamentals "Colourful Breeding and Genetics"

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"Colourful Breeding and Genetics"

Editors
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D. de Vries

EUCARPIA



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- Plant Genetic Resources

Foreword

The twenty third International Eucarpia Symposium Section Ornamentals “Colourful Breeding and Genetics” was held in the renewed concert hall “Stadsgehoorzaal” in Leiden, The Netherlands from 31 August – 4 September. It was organized by Wageningen University and Research Centre in cooperation with Plantum NL and ornamental plant breeders of the Netherlands. This symposium offered a platform for and to exchange knowledge between scientists and plant breeders working on ornamentals from all over the world. A record number of 275 participants from 39 countries attended this symposium.

During the symposium the scientific committee selected 42 (of the 119) posters from which the full paper is included with one oral paper and the evaluation presented by Alain Cadic at the end of the symposium in this volume of Acta Horticulturae. The texts of the oral presentations are already published earlier in Acta Horticulturae 836.

The book of abstracts can be downloaded from the congress website www.ornamentalbreeding.nl. The next meeting will be held in 2012 in Poland.

Jaap van Tuyl, November 2009

Symposium convener and chairman of the section ornamentals of EUCARPIA

**PROCEEDINGS OF THE
XXIIIrd INTERNATIONAL EUCARPIA SYMPOSIUM
SECTION ORNAMENTALS**

COLOURFUL BREEDING AND GENETICS

Convener

J. van Tuyl

Leiden, The Netherlands

August 31-September 4, 2009

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2. Alstroemeria. Photograph by courtesy of J. van Tuyl, Wageningen University, The Netherlands.
3. Zantedeschia 'Picasso'. Photograph by courtesy of J. van Tuyl, Wageningen University, The Netherlands.
4. Flower mutants obtained after gamma radiation of *Aster novi-belgii* 'Victoria Fanny'. Photograph by courtesy of H. Sørensen, Dept. Horticulture, Aarhus University, Denmark.
5. Greenhouse rose on own root. Photograph by courtesy of D. de Vries, Foundation Sub Rosa, The Netherlands.
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PREFACE

The papers contained in this volume of *Acta Horticulturae* report the Proceedings of the 23rd International EUCARPIA Symposium (Section Ornamentals) on Colourful Breeding and Genetics. Keynote speakers and authors of selected contributed oral and poster presentations were given the opportunity to submit a manuscript for publication.

The manuscripts were reviewed by the Editors and members of the Editorial Board. Only those papers judged suitable for publication following the authors' consideration of reviewer suggestions appear in this volume of *Acta Horticulturae*.

The ISHS acknowledges and appreciates the contribution of all editors and reviewers. They have made a significant contribution to improving the quality of this publication.

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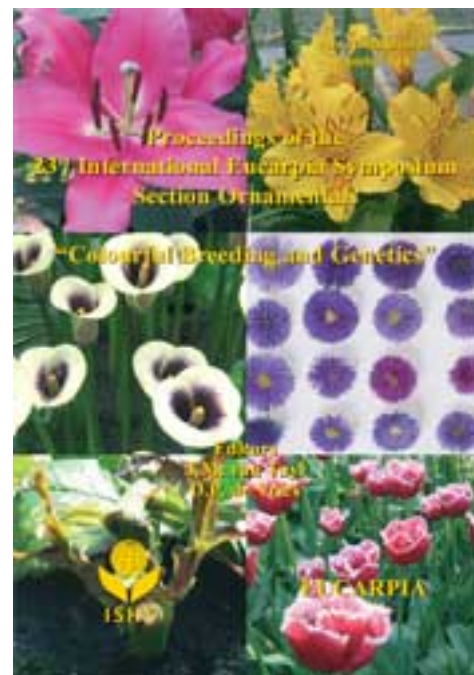
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ALISMATIFOLIA GAGNEP. AND ITS
USE IN TRANSFORMATION STUDIES

(S. Mahadtanapuk, M. Sanguansermisri,
T. Handa, W. Nanakorn, S.
Anuntalabhochai)

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