



Volume 12, Number 2
December 2009

Editors

Murray Dawson
Andrew Maloy

Contributors

Keith Hammett	David Sole
Peter Heenan	Murray Dawson
Michele Dickson	Geoff Ridley
Jerry Cooper	Aaron Wilton
Brad Cadwallader	Tom Myers
Yvonne Etherington	Hugh Latimer
Ross Ferguson	Andrew Maloy

Typesetting and Production

The Printery, Massey University <http://printonline.massey.ac.nz>
The *New Zealand Garden Journal* is published twice a year. All rights are reserved. If there is a desire to reproduce any material in any form, permission is required from the publisher.
The views expressed in the *New Zealand Garden Journal* are not necessarily those of the Royal New Zealand Institute of Horticulture (Inc.).

Editorial Address

Murray Dawson
c/o Landcare Research
PO Box 40, Lincoln 7640, Canterbury
Ph: (03) 321 9645
Fax: (03) 325 2418
Email: dawsonm@rnzih.org.nz

ISSN 1173-7425

For Membership information please write to:
Royal New Zealand Institute of Horticulture,
PO Box 12, Lincoln University, Canterbury.
Email: office@rnzih.org.nz
Website: <http://www.rnzih.org.nz/>

Front Cover

Leptospermum scoparium 'Crimson Glory', an outstanding double-flowered mānuka cultivar. Image: Jack Hobbs.

Eight articles from the cultivated plants workshop 'The cultivated plant names problem: towards a multi-agency solution', 9 September 2009

- 2** **A plant breeder's perspective**
Keith Hammett presents plant names issues from a breeder's viewpoint.
- 4** **Botanic gardens and horticultural perspectives**
David Sole presents plant names issues from a botanic gardens and horticultural viewpoint.
- 6** **Research perspectives**
Peter Heenan and Murray Dawson present plant names issues from a research viewpoint.
- 8** **The Plants Biosecurity Index (PBI)**
Michele Dickson provides an outline of the PBI from a regulators perspective.
- 10** **Perspectives of the regulatory environment from ERMA**
Geoff Ridley provides his perspectives from the Environmental Risk Management Authority.
- 12** **The New Zealand Organisms Register (NZOR)**
Jerry Cooper and Aaron Wilton explain this important taxonomic names project.
- 15** **The New Zealand Notable Trees Trust online database**
Brad Cadwallader announces the new notable trees website, database and integrated management system.

From the Editors

This issue focuses on cultivated plants and plant names.

Lack of knowledge of which cultivated plants are present in New Zealand hampers biosecurity management as well as horticultural practices and management of living collections. Native and exotic plant collections also have significant cultural and scientific values but there is a lack of co-ordination between the many organisations and groups that use plant names.

These topics were investigated at a workshop on cultivated plants held in Wellington, 9th September 2009. This workshop was funded by TFBIS (Terrestrial and Freshwater Biodiversity Information System programme) and brought together a wide range of experts who manage cultivated plants and plant names. Articles arising from that workshop are presented here.

The first three of these articles present issues surrounding plant names from plant breeder's, botanic gardens, horticultural, and research perspectives; another two are from regulators viewpoints. Moving from issues and constraints, the next three articles present resources that use plant names – the New Zealand Organisms Register project, the RNZIH NZ Notable Trees Trust online database, and *BG-BASE* for managing plant collections.

The accurate recording of cultivar names and origins is important to botanists, plant breeders, the nursery trade, collection managers and garden enthusiasts. Murray Dawson presents Part One of an in-depth account of *Leptospermum scoparium* (mānuka) cultivar names and origins.

We record the passing of Hugh Latimer who was a former Park Director of Cornwall Park Trust Board. Hugh joined the RNZIH in 1962 and was made an Associate of Honour in 1980.

We then feature three books, reviewed by Ross Ferguson, Andrew Maloy and Murray Dawson, and complete this issue by congratulating the winners of the Young Horticulturist of the Year Competition.

Murray Dawson and Andrew Maloy

Contents

- 18** **BG-BASE for New Zealand botanic gardens**
Tom Myers and Yvonne Etherington describe an off-the-shelf database application for managing plant collections.
- 21** **A history of *Leptospermum scoparium* in cultivation: Discoveries from the wild**
Murray Dawson
- 26** **Obituary**
E. Hugh Latimer
- 28** **Book reviews**
The most magnificent family of trees that ever lived: Araucariaceae
Edited by R.L. Bieleski and M.D. Wilcox, reviewed by Ross Ferguson
Fabulous Food from Every Small Garden
Edited by Mary Horsfall, reviewed by Andrew Maloy
Natural History of Banks Peninsula
By Hugh Wilson, reviewed by Murray Dawson
- 31** **2009 Young Horticulturist of the Year**
- 32** **Addendum**