



Volume 13, Number 1
June 2010

Editors

Murray Dawson
Andrew Maloy

Contributors

Murray Dawson
Graeme Platt
Keith Hammett
David Sole

Jack Hobbs
Jim Rumbal
Ross Ferguson

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, New Zealand
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, New Zealand
Email: office@rnzih.org.nz
Website: <http://www.rnzih.org.nz/>

Front Cover

Metrosideros excelsa 'Blockhouse Bay'.
Photo: Jack Hobbs.

From the Editors

This issue presents two in-depth articles tracing cultivar origins of *Leptospermum* and *Metrosideros* – both showy native genera of the Myrtaceae family.

Murray Dawson presents the second part of his article on cultivar names and origins of *Leptospermum scoparium* (mānuka). The first part (Vol. 12, No. 2, December 2009) reviewed selections made from the natural variation in the wild whereas this second part documents mānuka cultivars that have arisen through seedling selection and breeding in cultivation.

Murray Dawson, Jack Hobbs, Graeme Platt and Jim Rumbal adopt a similar approach for *Metrosideros* by tracing the origins of pōhutukawa cultivars. In our next issue they will cover cultivar origins of rātā tree and vine species.

The 2010 Banks Memorial Lecture was delivered by Dr Keith Hammett at the New Zealand Gardens Trust conference (held in Gisborne 23–25 April 2010). His talk on maintaining biodiversity is included here as an article.

Congratulations to the 2010 RNZIH award recipients. Their award citations were presented at the New Zealand Gardens Trust conference and published here.

This edition concludes with three book reviews. *Threatened plants of New Zealand* showcases our endangered native flora whereas *Common weeds of New Zealand* profiles the naturalised plants that compete with them. In *Wilson's China*, authors Mark Flanagan and Tony Kirkham retrace the steps of famous plant collector Ernest Henry Wilson.

Printing our journal in full colour is expensive but well worthwhile to show the illustrations at their best. For the previous issue (Vol. 12, No. 2, December 2009) we thank the TFBIS (Terrestrial and Freshwater Biodiversity and Information System) programme and the Stanley Smith (UK) Award for their assistance towards printing costs of the cultivated plants workshop proceedings and the first part of the mānuka article respectively. For this issue, we again thank the Stanley Smith (UK) Award for supporting printing of the mānuka and pōhutukawa articles.

Murray Dawson and Andrew Maloy

Contents

- 2** **A history of *Leptospermum scoparium* in cultivation: Garden selections**
Murray Dawson presents the second of a two part article documenting mānuka cultivars.
- 10** ***Metrosideros* in cultivation: Pōhutukawa**
In the first of a two part article, Murray Dawson, Jack Hobbs, Graeme Platt and Jim Rumbal document the origins of mainland and Kermadec Island pōhutukawa cultivars.
- 23** **The 2010 Banks Memorial Lecture: Responsibilities in maintaining biodiversity in a changing world**
Keith Hammett discusses the implications of maintaining biodiversity in a changing world.
- 26** **2010 RNZIH Awards**
Kay Baxter: Award in Garden History
Alf Day: Plant Raisers' Award
Liz Morrow: FRIH
Keith Lowe: AHRH
Rob Lucas: AHRH
- 31** **Book reviews**
Threatened Plants of New Zealand
By Peter de Lange, Peter Heenan, David Norton, Jeremy Rolfe and John Sawyer, reviewed by Murray Dawson.
An Illustrated Guide to Common Weeds of New Zealand Third Edition
By Ian Popay, Paul Champion and Trevor James, reviewed by Murray Dawson.
Wilson's China: A century on
By Mark Flanagan and Tony Kirkham, reviewed by Ross Ferguson.
- 36** **Erratum**