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Front Cover

Carmichaelia glabrescens (pink broom), a native species endemic to Marlborough and an outstanding garden plant. Photo: Murray Dawson.

Overlooked treasures?

syndrome Derrick Rooney provides some examples of how plants avoid frost damage. Flowering of cool climate bamboos Derrick Rooney discusses the flowering of cool climate bamboos that he grows. New Zealand's native brooms:

Trees in winter: Frost, snow, and the lame duck

Murray Dawson extols the virtues of our threatened and often overlooked native brooms (*Carmichaelia* spp.).

The 2016 Banks Memorial Lecture:
Cytogenetics and ornamental plant breeding:
An ongoing partnership

Prof Brian Murray provides examples of how chromosome studies play an important part in ornamental plant breeding programmes.

From the Editors

Our regular contributor Derrick Rooney begins this issue with two short articles, based upon his observations and insights as an expert plantsman from inland Canterbury.

Most of us are familiar with the widespread and invasive European brooms, which are dominant weeds of many New Zealand landscapes. Less well known are our native broom species – treasures that are threatened in the wild and often overlooked in horticulture. Murray Dawson provides an overview of this remarkably diverse native plant group.

The 2016 RNZIH AGM, awards ceremony and Banks Memorial Lecture was held in Christchurch on 13 April, nestled between the BGANZ-NZ and RNZIH New Zealand Gardens Trust conferences. Prof Brian Murray of Auckland was our lecturer this year. His cytogenetic career (chromosome studies and genetics) has included long-standing collaborative research in plant breeding of ornamental plants with our President Dr Keith Hammett and numerous graduate students at the University of Auckland. Brian Murray's lecture is presented in this issue as an article

Congratulations to our RNZIH awardees for 2016. Toni Sylvester of Northland received the Award in Garden History for her work on heritage roses and Terry Dowdeswell of Whanganui received the Plant Raisers' Award for his breeding of delphiniums. Brad Cadwallader of Nelson became a Fellow of the Royal New Zealand Institute of Horticulture (FRIH), recognising his outstanding contributions to notable trees. Our Editor and Webmaster, Murray Dawson of Christchurch and our outgoing Treasurer, Eddie Wullems of Hamilton became our newest Associates of Honour (AHRIH). Our awardee citations are published here.

We record the passing of Alan Mason, who was a nurseryman from Fielding, a long-standing member of the RNZIH, a former member of the National Executive, and an Associate of Honour (AHRIH).

This issue concludes with book reviews compiled by Murray Dawson.

Murray Dawson and Andrew Maloy

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