

AUSTRALIAN JOURNAL OF BOTANY

A journal for papers in ecology and ecophysiology; conservation biology and biodiversity; forest biology and management; cell and molecular biology; palaeobotany; reproductive biology and genetics; mycology and pathology; and structure and development

Contents Volume 56 Issue 3 2008

Turner Review No. 16

Restoration demography and genetics of plants:
when is a translocation successful?

Eric S. Menges 187–196

Ecology and Ecophysiology

Review. A molecular perspective on terpene variation
in Australian Myrtaceae.

Andras Keszei, Curt L. Brubaker and

William J. Foley 197–213

Overcoming physiological dormancy in *Prostanthera*
eurybioides (Lamiaceae), a nationally endangered
Australian shrub species.

P. J. Ainsley, M. K. Jones and T. E. Erickson 214–219

Forest Biology and Management

The timing and nature of floristic and structural changes
during secondary succession in wet forests.

Merrilyn Serong and Alan Lill 220–231

Reproductive Biology and Genetics

Generating genetic relatedness maps to improve
the management of two rare orchid species.

Linda M. Broadhurst, Paul K. Scannell and

Glen A. Johnson 232–240

Short communication. Breeding barriers between
Gossypium spp. and species of the Malvaceae family.

Stella Kantartzi and D. G. Roupakias 241–245

Conservation and Biodiversity

Morphological diversity and abundance of biological
soil crusts differ in relation to landscape setting and
vegetation type.

A. Briggs and J. W. Morgan 246–253

Structure and Development

Syncarpia and *Tristaniopsis* (Myrtaceae) possess
specialised fire-resistant epicormic structures.

Geoffrey E. Burrows 254–264

Cotyledon areoles in subtribe Kennediinae
(Leguminosae: Phaseoleae).

James A. Lackey 265–271

Nitrogen use efficiency: does a trade-off exist
between the N productivity and the mean
residence time within species?

Zhi Y. Yuan, Han Y. H. Chen and Ling H. Li 272–277