

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 2 2008

Ecology and Ecophysiology

Coordination of leaf area, sapwood area and canopy conductance leads to species convergence of tree water use in a remnant evergreen woodland.

Melanie Zeppel and Derek Eamus 97–108

Contrasting water-use strategies in two sympatric cool-temperate rainforest species, *Nothofagus cunninghamii* (Nothofagaceae) and *Atherosperma moschatum* (Atherospermataceae).

Katy E. Sommerville and Jennifer Read 109–118

Floral development and breeding systems of *Dryandra sessilis* and *Grevillea wilsonii* (Proteaceae).

Brian G. Collins, Michelle Walsh and James Grey 119–130

Distribution of modern diatom assemblages among small playas.

D. A. Boggs, P. Gell, I. Eliot and B. Knott 131–143

Structure and Development

Aestivation organ structure in *Drosera* subgen. *Ergaleium* (Droseraceae): corms or tubers; roots or shoots?

John G. Conran 144–152

Species-specific changes in tissue morphogenesis induced by two arthropod leaf galls in *Lantana camara* L. (Verbenaceae).

Maria Zabelê Dantas Moura, Geraldo Luiz Gonçalves Soares and Rosy Mary dos Santos Isaías 153–160

Short Communication

Structural and histochemical characterisation of the collectors of *Rodriguezia venusta* (Orchidaceae).

Carlos André E. Leitão and Angelo L. Cortelazzo 161–165

Reproductive Biology and Genetics

Floral biology of Australian species of *Hierochloa* (Gramineae).

H. E. Connor 166–176

Cell and Molecular Biology

Copia retrotransposons of two disjunctive *Panax* species: *P. ginseng* and *P. quinquefolius*.

X. D. Liu, X. F. Zhong, Y. Ma, H. J. Gong, Y. Y. Zhao, B. Qi, Z. K. Yan, X. B. Sun and B. Liu 177–186