

Index to Volume 55

Authors and Titles

- Adams J
 See Probert R *et al.* 326
- Albrecht DE
 See Preece LD *et al.* 601
- Alonso AA, Machado SR
 Morphological and developmental investigations of the underground system of *Erythroxylum* species from Brazilian Cerrado 749
- Anderssen RS
 See Lovell D *et al.* 608
- Andrade MRS
 See Vieira MF *et al.* 635
- Ashmore SE
 See Hamilton KN *et al.* 618
- Ashmore SE, Drew RA, Azimi M
 Vitrification-based shoot tip cryopreservation of *Carica papaya* and a wild relative *Vasconcellea pubescens* 541
- Azimi M
 See Ashmore SE *et al.* 541
- Backhouse D
 See White IR *et al.* 178
- Bai Yongfei, Lin Guanghui, Huang Jianhui, Han Xingguo
 See Chen Shiping *et al.* 48
- Baker AC, Murray BR, Hose GC
 Relating pine-litter intrusion to plant-community structure in native eucalypt woodland adjacent to *Pinus radiata* (Pinaceae) plantations 521
- Baker PJ
 See Cunningham SC *et al.* 692
- Barrett S
 See Shearer BL *et al.* 225
- Batley M
 See Indsto JO *et al.* 628
- Bauhus J
 See Xiang W *et al.* 576
- Benwell A
 Response of rock-outcrop and fringing vegetation to disturbance by fire and drought 736
- Bhatia NP
 See Kachenko AG *et al.* 63
- Bittencourt NS Jr
 See Vieira MF *et al.* 635
- Brandt WF
 See Moore JP *et al.* 482
- Brewer CA
 See Premoli AC *et al.* 585
- Briggs SV
 See Seddon JA *et al.* 533
- Broadhurst L, Young A
 Seeing the wood and the trees—predicting the future for fragmented plant populations in Australian landscapes 250
- Brookie RE
 See Garnock-Jones PJ *et al.* 803
- Brundrett M
 See Collins M *et al.* 653
- Brundrett MC
 Scientific approaches to Australian temperate terrestrial orchid conservation 293
- Bunn E
 See Ye Qigang *et al.* 425
- Bunn E, Turner S, Panaia M, Dixon KW
 The contribution of *in vitro* technology and cryogenic storage to conservation of indigenous plants 345
- Burley AL, Phillips S, Ooi MKJ
 Can age be predicted from diameter for the obligate seeder *Allocasuarina littoralis* (Casuarinaceae) by using dendrochronological techniques? 433
- Byrne M
 Phylogeography provides an evolutionary context for the conservation of a diverse and ancient flora 316
- de Carvalho-Okano RM
 See Vieira MF *et al.* 635
- Castro ER, Galetti M, Morellato LPC
 Reproductive phenology of *Euterpe edulis* (Arecaceae) along a gradient in the Atlantic rainforest of Brazil 725
- Chaplin RE
 See Hovenden MJ *et al.* 780
- Chapman TF, Paton DC
 Casuarina ecology: factors limiting cone production in the drooping sheoak, *Allocasuarina verticillata* 171
- Chen Shiping, Bai Yongfei, Lin Guanghui, Huang Jianhui, Han Xingguo
 Variations in delta13C values among major plant community types in the Xilin River Basin, Inner Mongolia, China 48
- Clarke PJ
 See Myerscough PJ *et al.* 91
- Clarke S
 See Merritt DJ *et al.* 336
- Clements MA
 See Indsto JO *et al.* 628
- Climent J
 See Lopez R *et al.* 759
- Close DC, Davidson NJ, Shields CB, Wiltshire R
 Reflectance and phenolics of green and glaucous leaves of *Eucalyptus urnigera* 561
- Coates DJ
 See Krauss SL *et al.* 390
 See Yates CJ *et al.* 194
- Coates DJ, Dixon KW
 Current perspectives in plant conservation biology 187
- Coates DJ, Sampson JF, Yates CJ
 Plant mating systems and assessing population persistence in fragmented landscapes 239
- Cochrane A
 See Crawford AD *et al.* 18
 See Shearer BL *et al.* 225
- Cochrane JA, Crawford AD, Monks LT
 The significance of *ex situ* seed conservation to reintroduction of threatened plants 356
- Collins M, Brundrett M, Koch J, Sivasithamparam K
 Colonisation of jarrah forest bauxite-mine rehabilitation areas by orchid mycorrhizal fungi 653
- Coneybeer J
 See Probert R *et al.* 326
- Crane CE
 See Shearer BL *et al.* 225
- Crawford A
 See Probert R *et al.* 326
- Crawford AD
 See Cochrane JA *et al.* 356
- Crawford AD, Steadman KJ, Plummer JA, Cochrane A, Probert RJ
 Analysis of seed-bank data confirms suitability of international seed-storage standards for the Australian flora 18
- Crayn D
 See Rossetto M *et al.* 416
- Cunningham SC, Read J, Baker PJ, Mac Nally R
 Quantitative assessment of stand condition and its relationship to physiological stress in stands of *Eucalyptus camaldulensis* (Myrtaceae) 692
- D'Santos P
 See Nicol J *et al.* 103
- Davidson NJ
 See Close DC *et al.* 561
- Dennis ES
 See Lovell D *et al.* 608

- Dixon KW
 See Bunn E *et al.* 345
 See Coates DJ *et al.* 187
 See Hollick PS *et al.* 665
 See Merritt DJ *et al.* 336
 See Rokich DP *et al.* 375
 See Ye Qigang *et al.* 425
- Dong Ming
 See Wei Yan *et al.* 464
- Doyle SJ
 See Seddon JA *et al.* 533
- Drew RA
 See Ashmore SE *et al.* 541
 See Hamilton KN *et al.* 618
- Duguid AW
 See Preece LD *et al.* 601
- Duz SR
 See Silveira Paulilo MT *et al.* 795
- Dvorak WS
 See Payn KG *et al.* 673
- Dyer AG
 See Indsto JO *et al.* 628
- Eamus D
 See Kelley G *et al.* 700
- Eldridge D
 See Lunt ID *et al.* 401
- Enright NJ
 See Lamont BB *et al.* 280
- Fairfax RJ
 See Fensham RJ *et al.* 457
- Farrant JM
 See Moore JP *et al.* 482
- Fensham RJ, Fairfax RJ
 Effect of photoscale, interpreter bias and land type on woody crown-cover estimates from aerial photography 457
- Fiedler PL, Keever ME, Grewell BJ, Partridge DJ
 Rare plants in the Golden Gate Estuary (California): the relationship between scale and understanding 206
- FitzJohn RG
 See Garnock-Jones PJ *et al.* 803
- Ford A
 See Rossetto M *et al.* 416
- Franco JA, Morgan JW
 Using historical records, aerial photography and dendroecological methods to determine vegetation changes in a grassy woodland since European settlement 1
- Fuji S
 See Kawakami K *et al.* 831
- Galetti M
 See Castro ER *et al.* 725
- Gao Lianming
 See Sun Weibang *et al.* 10
- Gao Yong
 See Tobe K *et al.* 55
- Garnock-Jones PJ, Brockie RE, FitzJohn RG
 Gynodioecy, sexual dimorphism and erratic fruiting in *Corynocarpus laevigatus* (Corynocarpaceae) 803
- Gibson N
 See Keighery GJ *et al.* 308
- Gil L
 See Lopez R *et al.* 759
- Gomez-Acevedo SL, Magallon S, Rico-Arce L
 Floral development in three species of *Acacia* (Leguminosae, Mimosoideae) 30
- Grewell BJ
 See Fiedler PL *et al.* 206
- Groeneveld J
 See Lamont BB *et al.* 280
- Guerra M
 See Miranda M *et al.* 165
- Guerrant EO Jr, Kaye TN
 Reintroduction of rare and endangered plants: common factors, questions and approaches 362
- Hamilton KN, Ashmore SE, Drew RA, Pritchard HW
 Seed morphology and ultrastructure in *Citrus garrawayi* (Rutaceae) in relation to germinability 618
- Han Chunyan, Gao Lianming, Wilson CA
 See Sun Weibang *et al.* 10
- Han Xingguo
 See Chen Shiping *et al.* 48
- Hay F
 See Probert R *et al.* 326
- Hearshaw M
 See Moore JP *et al.* 482
- Hermanutz L
 See Krauss SL *et al.* 390
- Hobbs RJ
 Managing plant populations in fragmented landscapes: restoration or gardening? 371
- Hollick PS, McComb JA, Dixon KW
 Introduction, growth and persistence *in situ* of orchid mycorrhizal fungi 665
- Hopper SD
 See Krauss SL *et al.* 390
- Horsley TN, Johnson SD, Stanger TK
 Optimising storage and *in vitro* germination of *Eucalyptus* pollen 83
- Hose GC
 See Baker AC *et al.* 521
- Hovenden MJ, Wills KE, Vander Schoor JK, Chaplin RE, Williams AL, Nolan MJ, Newton PCD
 Flowering, seed production and seed mass in a species-rich temperate grassland exposed to FACE and warming 780
- Huang Jianhui
 See Chen Shiping *et al.* 48
- Huang Zhen-ying
 See Wei Yan *et al.* 464
- Hutley LB
 See Kelley G *et al.* 700
- Indsto JO, Weston PH, Clements MA, Dyer AG, Batley M, Whelan RJ
 Generalised pollination of *Diuris alba* (Orchidaceae) by small bees and wasps 628
- James EA, McDougall KL
 Short Communication. Extent of clonality, genetic diversity and decline in the endangered mallee *Eucalyptus imlayensis* 548
- Ji Wang Qi
 See Ting Wang Chang *et al.* 110
- Johnson SD
 See Horsley TN *et al.* 83
- Jun Long Rui
 See Ting Wang Chang *et al.* 110
- Kachenko AG, Singh B, Bhatia NP
 Heavy metal tolerance in common fern species 63
- Kaga A
 See Sangiri C *et al.* 837
- Kawakami K, Fuji S, Miyoshi K
 Endangered wild populations of endemic *Calanthe* orchids on an isolated Japanese island tested for viruses 831
- Kaye TN
 See Guerrant EO Jr *et al.* 362
- Keever ME
 See Fiedler PL *et al.* 206
- Keighery GJ, Gibson N, van Leeuwen S, Lyons MN, Patrick S
 Biological survey and setting priorities for flora conservation in Western Australia 308
- Keith DA, Tozer MG, Regan TJ, Regan HM
 The persistence niche: what makes it and what breaks it for two fire-prone plant species 273

- Kelley G, O'Grady AP, Hutley LB, Eamus D
A comparison of tree water use in two contiguous vegetation communities of the seasonally dry tropics of northern Australia: the importance of site water budget to tree hydraulics 700
- Kirkpatrick JB
Collateral benefit: unconscious conservation of threatened plant species 221
- Koch J
See Collins M *et al.* 653
- Krauss SL
See Ye Qigang *et al.* 425
- Krauss SL, Hermanutz L, Hopper SD, Coates DJ
Population-size effects on seeds and seedlings from fragmented eucalypt populations: implications for seed sourcing for ecological restoration 390
- Kristiansen P
See Tapingkae T *et al.* 543
- Ladd PG
See Yates CJ *et al.* 194
- Lamont BB, Enright NJ, Witkowski ETF, Groeneveld J
Conservation biology of banksias: insights from natural history to simulation modelling 280
- Laursen GA
See Stephenson SL *et al.* 439
- Lin Guanghui
See Chen Shiping *et al.* 48
- Lindsey GG
See Moore JP *et al.* 482
- Llewellyn DJ
See Lovell D *et al.* 608
- Lopez R, Zehavi A, Climent J, Gil L
Contrasting ecotypic differentiation for growth and survival in *Pinus canariensis* 759
- Lovell D, Wu Yingru, White R, Machado A, Llewellyn DJ, Dennis ES, Anderssen RS
Phenotyping cotton ovule fibre initiation with spatial statistics 608
- Lunt ID
See Smallbone LT *et al.* 818
- Lunt ID, Eldridge DJ, Morgan JW, Witt GB
Turner Review No. 13. A framework to predict the effects of livestock grazing and grazing exclusion on conservation values in natural ecosystems in Australia 401
- Lynch JP
Turner Review No. 14. Roots of the Second Green Revolution 493
- Lyons MN
See Keighery GJ *et al.* 308
- Mac Nally R
See Cunningham SC *et al.* 692
- Machado A
See Lovell D *et al.* 608
- Machado SR
See Alonso AA *et al.* 749
- Mackay DA
See Whalen MA *et al.* 568
- Macphail M
See Moss PT *et al.* 74
- Magallon S
See Gomez-Acevedo SL *et al.* 30
- McArthur S
See Yates CJ *et al.* 194
- McCarthy B
See Nicol J *et al.* 103
- McComb JA
See Hollick PS *et al.* 665
- McDougall KL
See James EA *et al.* 548
Short Communication. Grazing and fire in two subalpine peatlands 42
- McKinnon GE
See Rathbone DA *et al.* 513
- Menges ES
Integrating demography and fire management: an example from Florida scrub 261
- Merrett MF
Sex ratios, fruit set and size-class structure in the threatened, gynodioecious sand-dune species *Pimelea arenaria* (Thymelaeaceae) from New Zealand 554
- Merritt DJ, Turner SR, Clarke S, Dixon KW
Seed dormancy and germination stimulation syndromes for Australian temperate species 336
- Ming Ding Lu
See Ting Wang Chang *et al.* 110
- Miranda M, de Souza Almeida CC, Guerra M
Karyotype of *Araucaria angustifolia* and the decondensation/activation mode of its nucleolus organiser region 165
- Miyoshi K
See Kawakami K *et al.* 831
- Monks LT
See Cochrane JA *et al.* 356
- Moore JP, Hearshaw M, Ravenscroft N, Lindsey GG, Farrant JM, Brandt WF
Desiccation-induced ultrastructural and biochemical changes in the leaves of the resurrection plant *Myrothamnus flabellifolia* 482
- Morellato LPC
See Castro ER *et al.* 725
- Morgan JW
See Franco JA *et al.* 1
See Lunt ID *et al.* 401
See Venn SE *et al.* 450
- Moss PT, Thomas I, Macphail M
Late Holocene vegetation and environments of the Mersey Valley, Tasmania 74
- Murray BR
See Baker AC *et al.* 521
- Muston S
See Nicol J *et al.* 103
- Myburg AA
See Payn KG *et al.* 673
- Myerscough PJ, Clarke PJ
Burnt to blazes: landscape fires, resilience and habitat interaction in frequently burnt coastal heath 91
- Newton PCD
See Hovenden MJ *et al.* 780
- Nicol J, Muston S, D'Santos P, McCarthy B, Zukowski S
Impact of sheep grazing on the soil seed bank of a managed ephemeral wetland: implications for management 103
- Nolan MJ
See Hovenden MJ *et al.* 780
- O'Grady AP
See Kelley G *et al.* 700
- Offord CA
Floral- and leaf-character variation in waratah (*Telopea speciosissima*, family Proteaceae), with reference to conservation and horticultural improvement 684
- Ooi MKJ
See Burley AL *et al.* 433
- Panaia M
See Bunn E *et al.* 345
- Partridge DJ
See Fiedler PL *et al.* 206
- Paton DC
See Chapman TF *et al.* 171
- Patrick S
See Keighery GJ *et al.* 308
- Payn KG, Dvorak WS, Myburg AA
Chloroplast DNA phylogeography reveals the island colonisation route of *Eucalyptus urophylla* (Myrtaceae) 673
- Phillips S
See Burley AL *et al.* 433

- Ping Wang Mei
See Ting Wang Chang *et al.* 110
- Plummer JA
See Crawford AD *et al.* 18
- Pole M
Conifer and cycad distribution in the Miocene of southern New Zealand 143
Plant-macrofossil assemblages during Pliocene uplift, South Island, New Zealand 118
- Potts BM
See Rathbone DA *et al.* 513
- Preece LD, Duguid AW, Albrecht DE
Environmental determinants of a restricted cycad in central Australia, *Macrozamia macdonnellii* 601
- Premoli AC
See Souto CP *et al.* 809
- Premoli AC, Brewer CA
Environmental v. genetically driven variation in ecophysiological traits of *Nothofagus pumilio* from contrasting elevations 585
- Pritchard HW
See Hamilton KN *et al.* 618
- Prober SM
See Smallbone LT *et al.* 818
- Probert R, Adams J, Coneybeer J, Crawford A, Hay F
Seed quality for conservation is critically affected by pre-storage factors 326
- Probert RJ
See Crawford AD *et al.* 18
- Rathbone DA, McKinnon GE, Potts BM, Steane DA, Vaillancourt RE
Microsatellite and cpDNA variation in island and mainland populations of a regionally rare eucalypt, *Eucalyptus perriniana* (Myrtaceae) 513
- Ravenscroft N
See Moore JP *et al.* 482
- Read J
See Cunningham SC *et al.* 692
- Read SM
See Tolsma AD *et al.* 771
- Regan HM
See Keith DA *et al.* 273
- Regan TJ
See Keith DA *et al.* 273
- Richardson DM
See Trueman SJ *et al.* 471
- Rico-Arce L
See Gomez-Acevedo SL *et al.* 30
- Ridgeway P
See Rossetto M *et al.* 416
- Rokich DP, Dixon KW
Recent advances in restoration ecology, with a focus on the *Banksia* woodland and the smoke germination tool 375
- Rossetto M, Crayn D, Ford A, Ridgeway P, Rymer P
The comparative study of range-wide genetic structure across related, co-distributed rainforest trees reveals contrasting evolutionary histories 416
- Rymer P
See Rossetto M *et al.* 416
- Sampson JF
See Coates DJ *et al.* 239
- Sangiri C, Kaga A, Tomooka N, Vaughan D, Srinives P
Genetic diversity of the mungbean (*Vigna radiata*, Leguminosae) gene pool on the basis of microsatellite analysis 837
- Santos M
See Silveira Paulilo MT *et al.* 795
- Seddon JA, Zerger A, Doyle SJ, Briggs SV
The extent of dryland salinity in remnant woodland and forest within an agricultural landscape 533
- Seppelt RD
See Stephenson SL *et al.* 439
- Shearer BL, Crane CE, Barrett S, Cochrane A
Phytophthora cinnamomi invasion, a major threatening process to conservation of flora diversity in the South-west Botanical Province of Western Australia 225
- Shields CB
See Close DC *et al.* 561
- Silveira Paulilo MT, Duz SR, Siminski A, Santos M
Responses to light changes in tropical seedlings of the Brazilian Atlantic rainforest tree species *Cecropia glaziovii* (Cecropiaceae) and *Cedrela fissilis* (Meliaceae) 795
- Siminski A
See Silveira Paulilo MT *et al.* 795
- Singh B
See Kachenko AG *et al.* 63
- Sivasithamparan K
See Collins M *et al.* 653
- Smallbone LT, Prober SM, Lunt ID
Restoration treatments enhance early establishment of native forbs in a degraded temperate grassy woodland 818
- Snow EL, Walter GH
Large seeds, extinct vectors and contemporary ecology: testing dispersal in a locally distributed cycad, *Macrozamia lucida* (Cycadales) 592
- Souto CP, Premoli AC
Genetic variation in the widespread *Embothrium coccineum* (Proteaceae) endemic to Patagonia: effects of phylogeny and historical events 809
- de Souza Almeida CC
See Miranda M *et al.* 165
- Srinives P
See Sangiri C *et al.* 837
- Stanger TK
See Horsley TN *et al.* 83
- Steadman KJ
See Crawford AD *et al.* 18
- Steane DA
See Rathbone DA *et al.* 513
- Stephenson SL, Laursen GA, Seppelt RD
Myxomycetes of subantarctic Macquarie Island 439
- Sun Weibang, Han Chunyan, Gao Lianming, Wilson CA
Genetic diversity of the rare Asian plant, *Trigonobalanus doichangensis* (Fagaceae) 10
- Taji A
See Tapingkae T *et al.* 543
- Tapingkae T, Taji A, Kristiansen P
Floral ontogeny of *Swainsona formosa* (Fabaceae: Faboideae: Galegeae) 643
- Thomas I
See Moss PT *et al.* 74
- Ting Wang Chang, Jun Long Rui, Ji Wang Qi, Ming Ding Lu, Ping Wang Mei
Effects of altitude on plant-species diversity and productivity in an alpine meadow, Qinghai–Tibetan plateau 110
- Tobe K, Gao Yong
Seed germination and seedling emergence of herbs in sand 55
- Tolhurst KG
See Tolsma AD *et al.* 771
- Tolsma AD, Read SM, Tolhurst KG
Roots of Australian alpine plant species contain high levels of stored carbohydrates independent of post-fire regeneration strategy 771
- Tomooka N
See Sangiri C *et al.* 837
- Tozer MG
See Keith DA *et al.* 273
- Trueman SJ, Richardson DM
In vitro propagation of *Corymbia torelliana* × *C. citriodora* (Myrtaceae) via cytokinin-free node culture 471
- Turner S
See Bunn E *et al.* 345
- Turner SR
See Merritt DJ *et al.* 336
- Vaillancourt RE
See Rathbone DA *et al.* 513

- van Leeuwen S
 See Keighery GJ *et al.* 308
- Vander Schoor JK
 See Hovenden MJ *et al.* 780
- Vaughan D
 See Sangiri C *et al.* 837
- Venn SE, Morgan JW
 Phytomass and phenology of three alpine snowpatch species across a natural snowmelt gradient 450
- Vieira MF, Andrade MRS, Bittencourt NS Jr, de Carvalho-Okano RM
 Flowering phenology, nectary structure and breeding system in *Corymborkis flava* (Spiranthoideae:Tropidieae), a terrestrial orchid from a Neotropical forest 635
- Walter GH
 See Snow EL *et al.* 592
- Wei Yan, Dong Ming, Huang Zhen-ying
 Seed polymorphism, dormancy and germination of *Salsola affinis* (Chenopodiaceae), a dominant desert annual inhabiting the Junggar Basin of Xinjiang, China 464
- Weston PH
 See Indsto JO *et al.* 628
- Whalen MA, Mackay DA
 Geographic variation in extrafloral nectaries in the ant-associated plant genus *Adriana* (Euphorbiaceae) and its relationship to water availability 568
- Whelan RJ
 See Indsto JO *et al.* 628
- White IR, Backhouse D
 Comparison of fungal endophyte communities in the invasive panicoid grass *Hyparrhenia hirta* and the native grass *Bothriochloa macra* 178
- White R
 See Lovell D *et al.* 608
- Williams AL
 See Hovenden MJ *et al.* 780
- Wills KE
 See Hovenden MJ *et al.* 780
- Wilson CA
 See Sun Weibang *et al.* 10
- Wiltshire R
 See Close DC *et al.* 561
- Witkowski ETF
 See Lamont BB *et al.* 280
- Witt GB
 See Lunt ID *et al.* 401
- Wright BR, Clarke PJ
 Fire regime (recency, interval and season) changes the composition of spinifex (*Triodia* spp.)-dominated desert dunes 709
- Wu Yingru
 See Lovell D *et al.* 608
- Xiang W, Bauhus J
 Does the addition of litter from N-fixing *Acacia mearnsii* accelerate leaf decomposition of *Eucalyptus globulus*? 576
- Yates CJ
 See Coates DJ *et al.* 239
- Yates CJ, Ladd PG, Coates DJ, McArthur S
 Hierarchies of cause: understanding rarity in an endemic shrub *Verticordia staminosa* (Myrtaceae) with a highly restricted distribution 194
- Ye Qigang, Bunn E, Krauss SL, Dixon KW
 Reproductive success in a reintroduced population of a critically endangered shrub, *Symonanthus bancroftii* (Solanaceae) 425
- Young A
 See Broadhurst L *et al.* 250
- Zehavi A
 See Lopez R *et al.* 759
- Zerger A
 See Seddon JA *et al.* 533
- Zukowski S
 See Nicol J *et al.* 103