

## Contents

**Review**

- Morton, S.R., Stafford Smith, D.M., Dickman, C.R., Dunkerley, D.L., Friedel, M.H., McAllister, R.R.J., Reid, J.R.W., Rosher, D.A., Smith, M.A., Walsh, F.J., Wardle, G.M., Watson, I.W. & Westoby, M. A fresh framework for the ecology of arid Australia..... 313

**Botany**

- Almeida, A.L.S., Albuquerque, U.P. & Castro, C.C. Reproductive biology of *Spondias tuberosa* Arruda (Anacardiaceae), an endemic fructiferous species of the caatinga (dry forest), under different management conditions in northeastern Brazil..... 330
- Rzepecki, A., Zeng, F. & Thomas, F.M. Xylem anatomy and hydraulic conductivity of three co-occurring desert phreatophytes ..... 338
- Pattison, R.R., D'Antonio, C.M. & Dudley, T.L. Biological control reduces growth, and alters water relations of the saltcedar tree (*Tamarix spp.*) in western Nevada, USA. .... 346

**Soil and Water**

- Descheemaeker, K., Raes, D., Allen, R., Nyssen, J., Poesen, J., Muys, B., Haile, M. & Deckers, J. Two rapid appraisals of FAO-56 crop coefficients for semiarid natural vegetation of the northern Ethiopian highlands ..... 353

**Grazing**

- Jamiyansharav, K., Ojima, D., Pielke, R.A., Parton, W., Morgan, J., Beltrán-Przekurat, A., LeCain, D. & Smith, D. Seasonal and interannual variability in surface energy partitioning and vegetation cover with grazing at shortgrass steppe..... 360
- Moser-Nørgaard, P.M. & Denich, M. Influence of livestock on the regeneration of fodder trees along ephemeral rivers of Namibia..... 371

**Remote Sensing**

- Glenn, N.F., Spaete, L.P., Sankey, T.T., Derryberry, D.R., Hardegree, S.P. & Mitchell, J.J. Errors in LiDAR-derived shrub height and crown area on sloped terrain ..... 377
- Vanderpost, C., Ringrose, S., Matheson, W. & Arntzen, J. Satellite based long-term assessment of rangeland condition in semiarid areas: An example from Botswana ..... 383

**Short Communication**

- Pucheta, E., García-Muro, V.J., Rolhauser, A.G. & Quevedo-Robledo, L. Invasive potential of the winter grass *Schismus barbatus* during the winter season of a predominantly summer-rainfall desert in Central-Northern Monte ..... 390

**Think Note**

- Fokidis, H.B. Homeowners associations: Friend or foe to native desert avifauna? Conservation concerns and opportunities for research ..... 394