

Seed Science Research

Review Paper

- Obendorf, R.L. & Górecki, R.J. Soluble carbohydrates in legume seeds 219

Research Opinion

- Finch-Savage, W.E. & Footitt, S. To germinate or not to germinate: a question of dormancy relief not germination stimulation 243

Research Papers

- Santos, C.N., Alves, M.M., Bento, I.T. & Ferreira, R.B. Missing pieces in protein deposition and mobilization inside legume seed storage vacuoles: calcium and magnesium ions 249

- de Paula, A.S., Delgado, C.M.L., Paulilo, M.T.S. & Santos, M. Breaking physical dormancy of *Cassia leptophylla* and *Senna macranthera* (Fabaceae: Caesalpinioideae) seeds: water absorption and alternating temperatures 259

- Walck, J.L., Cofer, M.S., Gehan Jayasuriya, K.M.G., Fernando, M.T.R. & Hidayati, S.N. A temperate rhamnaceous species with a non-enclosing stone and without physical dormancy 269

- Özgen, M., Özdilek, A., Birsin, M.A., Önde, S., Şahin, D., Açıkgoz, E. & Kaya, Z. Analysis of ancient DNA from *in vitro* grown tissues of 1600-year-old seeds revealed the species as *Anagyris foetida* 279

- Gareca, E.E., Vandeloos, F., Fernández, M., Hermy, M. & Honnay, O. Seed germination, hydrothermal time models and the effects of global warming on a threatened high Andean tree species 287

- Marques, I. & Draper, D. Seed germination and longevity of autumn-flowering and autumn-seed producing Mediterranean geophytes 299

Short Communication

- Wulff, A.S., Turner, S.R., Fogliani, B. & L'Huillier, L. Smoke stimulates germination in two divergent Gondwanan species (*Hibbertia pancheri* and *Scaevola montana*) endemic to the biodiversity hotspot of New Caledonia 311