

Seed Science Research

Response

- Thompson, K. & Ooi, M.K.J. Response to Finch-Savage and Footitt's opinion paper 'To germinate or not to germinate: a question of dormancy relief not germination stimulation' Germination and dormancy breaking: two different things..... 1

Research Papers

- Avila-Alejandre, A.X., Espejel, F., Paz-Lemus, E., Cortés-Barberena, E., Díaz de León-Sánchez, F., Dinkova, T.D., Sánchez de Jiménez, E. & Pérez-Flores, L.J. Effect of insulin on the cell cycle of germinating maize seeds (*Zea mays* L.)..... 3
- Wang, Y.-z., Dai, M.-s., Zhang, S.-j. & Shi, Z.-b. Exploring the hormonal and molecular regulation of sand pear (*Pyrus pyrifolia*) seed dormancy..... 15
- Hantsch, L., Bruelheide, H. & Erfmeier, A. High phenotypic variation of seed traits, germination characteristics and genetic diversity of an invasive annual weed 27
- Yang, W., Liu, F., Zhang, S. & An, S. Dispersal and germination syndromes of tree seeds in a seasonal evergreen monsoon rainforest on Hainan Island, China..... 41
- Finch, H., Allen, P.S. & Meyer, S.E. Environmental factors influencing *Pyrenophora semeniperda*-caused seed mortality in *Bromus tectorum* 57
- Soares da Mota, L.A. & Garcia, Q.S. Germination patterns and ecological characteristics of *Vellozia* seeds from high-altitude sites in south-eastern Brazil 67

Short Communication

- Chen, S.-Y., Baskin, C.C., Baskin, J.M. & Chien, C.-T. Underdeveloped embryos and kinds of dormancy in seeds of two gymnosperms: *Podocarpus costalis* and *Nageia nagi* (Podocarpaceae) 75