

CONTENTS

RESEARCH OPINION

Making the case for plant diversity

Smith, P., Dickie, J., Linington, S., Probert, R. & Way, M.

1–4

INVITED REVIEW

Starch biosynthesis in developing seeds

Tetlow, I.J.

5–32

RESEARCH ARTICLES

Temperature control of seed germination in *Fritillaria tubiformis* subsp. *moggridgei* (*Liliaceae*) a rare endemic of the South-west Alps

Carasso, V., Hay, F.R., Probert, R.J. & Mucciarelli, M.

33–38

Germination characteristics of *Syngonanthus* seeds (*Eriocaulaceae*) in *campos rupestres* vegetation in south-eastern Brazil

Oliveira, P.G. & Garcia, Q.S.

39–45

Seed mass and shape are related to persistence in a sandy soil in northern China

Zhao, L.-P., Wu, G.-L. & Cheng, J.-M.

47–53

SHORT COMMUNICATIONS

The role of strigolactones in host specificity of *Orobanche* and *Phelipanche* seed germination

Fernández-Aparicio, M., Yoneyama, K. & Rubiales, D.

55–61

Seed oil content and fatty acid profiles of five *Euphorbiaceae* species from arid regions in Argentina with potential as biodiesel source

Aranda-Rickert, A., Morzán, L. & Fracchia, S.

63–68