
ANNALS OF BOTANY

Founded 1887

Volume 104 Number 1 July 2009

ContentSnapshots	i
ContentSelect	iii
Graduate Prize Winner	v
BOOK REVIEWS	
Goffinet, B. and Shaw, A. J. (eds) <i>Bryophyte biology, 2nd edn</i> reviewed by L. Sheffield and J. Rowntree	vi
Ochyra, R., Lewis Smith, R. I. and Bednarek-Ochyra, H. <i>The illustrated moss flora of Antarctica</i> reviewed by S. Pressel	vi
Carson, W. P. and Schnitzer, S. A. (eds) <i>Tropical forest community ecology</i> reviewed by P. Baker	vii
Peterson, R. L., Peterson, C. A. and Melville, L. H. <i>Teaching plant anatomy through creative laboratory exercises</i> reviewed by N. Chaffey	viii
Yamada, T. and Spangenberg, G. (eds) <i>Molecular breeding of forage and turf</i> reviewed by S. Byrne	ix
BOTANICAL BRIEFING	
Hummel, M., Rahmani, F., Smeekens, S. and Hanson, J. Sucrose-mediated translational control	1
ORIGINAL ARTICLES	
Jin, C. W., Du, S. T., Zhang, Y. S., Lin, X. Y. and Tang, C. X. Differential regulatory role of nitric oxide in mediating nitrate reductase activity in roots of tomato (<i>Solanum lycocarpum</i>)	9
Ge, X.-H., Wang, J. and Li, Z.-Y. Different genome-specific chromosome stabilities in synthetic <i>Brassica</i> allohexaploids revealed by wide crosses with <i>Orychophragmus</i>	19
Zhang, Y.-W., Yu, Q., Zhao, J.-M. and Guo, Y.-H. Differential effects of nectar robbing by the same bumble-bee species on three sympatric <i>Corydalis</i> species with varied mating systems	33
Ley, A. C. and Claßen-Bockhoff, R. Pollination syndromes in African Marantaceae	41
Probert, R. J., Daws, M. I. and Hay, F. R. Ecological correlates of <i>ex situ</i> seed longevity: a comparative study on 195 species	57

Contents continued on inside back cover



Araki, K., Shimatani, K. and Ohara, M. Dynamics of distribution and performance of ramets constructing genets: a demographic–genetic study in a clonal plant, <i>Convallaria keiskei</i>	71
Hörandl, E. and Tensch, E. M. Introgression of apomixis into sexual species is inhibited by mentor effects and ploidy barriers in the <i>Ranunculus auricomus</i> complex	81
Mercader, J., Bennett, T., Esselmont, C., Simpson, S. and Walde, D. Phytoliths in woody plants from the Miombo woodlands of Mozambique	91
Van Dijk, H. Ageing effects in an iteroparous plant species with a variable life span	115
Zarrei, M., Wilkin, P., Fay, M. F., Ingrouille, M. J., Zarre, S. and Chase, M. W. Molecular systematics of <i>Gagea</i> and <i>Lloydia</i> (Liliaceae; Liliales): implications of analyses of nuclear ribosomal and plastid DNA sequences for infrageneric classification	125
Besnard, G., de Casas, R. R., Christin, P.-A. and Vargas, P. Phylogenetics of <i>Olea</i> (Oleaceae) based on plastid and nuclear ribosomal DNA sequences: Tertiary climatic shifts and lineage differentiation times	143
Chrtek Jr, J., Zahradníček, J., Krak, K. and Fehrer, J. Genome size in <i>Hieracium</i> subgenus <i>Hieracium</i> (Asteraceae) is strongly correlated with major phylogenetic groups	161
Llorens, L., Osborne, C. P. and Beerling, D. J. Water-use responses of 'living fossil' conifers to CO ₂ enrichment in a simulated Cretaceous polar environment	179
SHORT COMMUNICATION	
Babourina, O. and Rengel, Z. Uptake of aluminium into <i>Arabidopsis</i> root cells measured by fluorescent lifetime imaging	189

For more information about *Annals of Botany* please visit our website at www.aob.oxfordjournals.org

Disclaimer

Statements of fact and opinion in the articles in *Annals of Botany* are those of the respective authors and contributors and not of *Annals of Botany* Company or Oxford University Press. Neither Oxford University Press nor *Annals of Botany* Company make any representation, express or implied, in respect of the accuracy of the material in this journal and cannot accept any legal responsibility or liability for any errors or omissions that may be made. The reader should make his/her own evaluation as to the appropriateness or otherwise of any experimental technique described.