

TM  
A 60/6

---

# ANNALS OF BOTANY

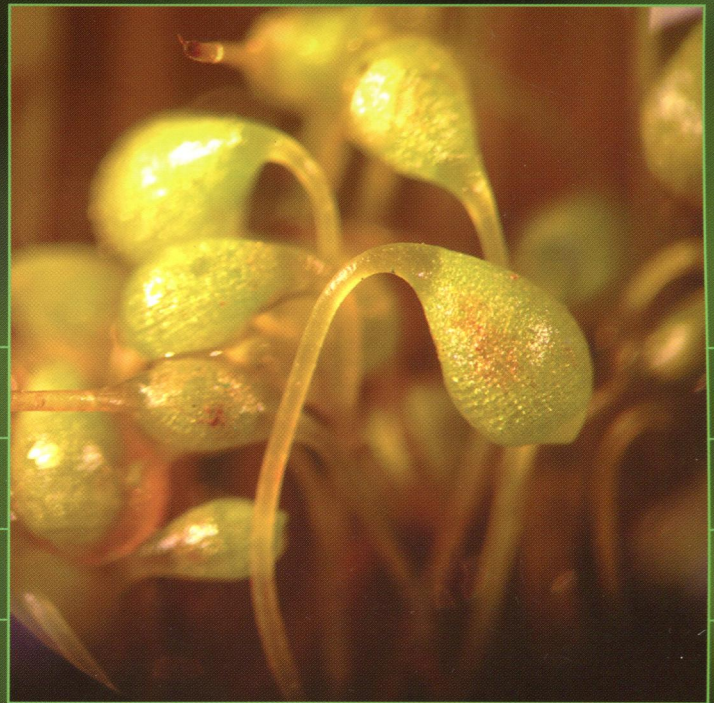
---

Founded 1887

Volume 114

Number 5

October 2014



[www.aob.oxfordjournals.org](http://www.aob.oxfordjournals.org)

ISSN 0305-7364 (PRINT)  
ISSN 1095-8290 (ONLINE)

---

# ANNALS OF BOTANY

Founded 1887

---

Volume 114 Number 5 October 2014

Content *Snapshots* i

Plant Cuttings: news in botany iii

## ORIGINAL ARTICLES

---

Davies, K. L. and Stpiczynska, M. Labellar anatomy and secretion in *Bulbophyllum* Thouars (Orchidaceae: Bulbophyllinae) sect. *Racemosae* Benth. Et Hook. f. 889

---

Szymanowska-Pułka, J. and Lipowczan, M. Growth rate distribution in the forming lateral root of *Arabidopsis* 913

---

Novo-Uzal, E., Gutiérrez, J., Martínez-Cortés, T. and Pomar, F. Molecular cloning of two novel peroxidases and their response to salt stress and salicylic acid in the living fossil *Ginkgo biloba* 923

---

Chen, B. J. W., During, H. J., Vermeulen, P. J. and Anten, N. P. R. The presence of a below-ground neighbour alters within-plant seed size distribution in *Phaseolus vulgaris* 937

---

Endress, P. K. and Rapini, A. Floral structure of *Emmotum* (Icacinaeae *sensu stricto* or Emmotaceae), a phylogenetically isolated genus of lamiids with a unique pseudotrimerous gynoeceum, bitegmic ovules and monosporangiate thecae 945

---

Millar, M. A., Coates, D. J. and Byrne, M. Extensive long-distance pollen dispersal and highly outcrossed mating in historically small and disjunct populations of *Acacia woodmaniorum* (Fabaceae), a rare banded iron formation endemic 961

---

Arbellay, E., Stoffel, M., Sutherland, E. K., Smith, K. T. and Falk, D. A. Resin duct size and density as ecophysiological traits in fire scars of *Pseudotsuga menziesii* and *Larix occidentalis* 973

---

Feng, Y. and van Kleunen, M. Responses to shading of naturalized and non-naturalized exotic woody species 981

---

Mamut, J., Tan, D. Y., Baskin, C. C. and Baskin, J. M. Intermediate complex morphophysiological dormancy in seeds of the cold desert sand dune geophyte *Eremurus anisopterus* (Xanthorrhoeaceae; Liliaceae s.l.) 991

---

Merced, A. and Renzaglia, K. Developmental changes in guard cell wall structure and pectin composition in the moss *Funaria*: implications for function and evolution of stomata 1001

---

Contents continued on inside back cover



Scan to view this journal  
on your mobile device

OXFORD  OPEN

OXFORD  
UNIVERSITY PRESS



Legay, N., Baxendale, C., Grigulis, K., Krainer, U., Kastl, E., Schlöter, M., Bardgett, R. D., Arnoldi, C., Bahn, M., Dumont, M., Poly, F., Pommier, T., Clément, J. C. and Lavorel, S. Contribution of above- and below-ground plant traits to the structure and function of grassland soil microbial communities 1011

Burdach, Z., Kurtyka, R., Siemieniuk, A. and Karcz, W. Role of chloride ions in the promotion of auxin-induced growth of maize coleoptile segments 1023

Matsuo, A., Tomimatsu, H., Suzuki, J.-I., Saitoh, T., Shibata, S., Makita, A. and Suyama, Y. Female and male fitness consequences of clonal growth in a dwarf bamboo population with a high degree of clonal intermingling 1035

For more information about *Annals of Botany* please visit our website at [www.aob.oxfordjournals.org](http://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.