

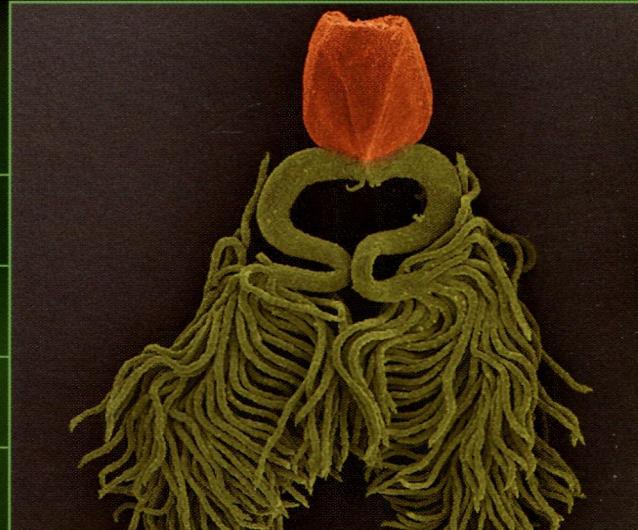
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ContentSnapshots

Plant Cuttings: news in botany

i

iv

REVIEW

- Ortiz, J. P. A., Quarin, C. L., Pessino, S. C., Acuña, C., Martínez, E. J., Espinoza, F., Hojsgaard, D. H., Sartor, M. E., Cáceres, M. E. and Pupilli, F. Harnessing apomictic reproduction in grasses: what we have learned from *Paspalum* 767

ORIGINAL ARTICLES

- Flores-Rentería, L., Orozco-Arroyo, G., Cruz-García, F., García-Campusano, F., Alfaro, I. and Vázquez-Santana, S. Programmed cell death promotes male sterility in the functional dioecious *Opuntia stenopetala* (Cactaceae) 789
- Spindelböck, J. P., Cook, Z., Daws, M. I., Heegaard, E., Måren, I. E. and Vandvik, V. Conditional cold avoidance drives between-population variation in germination behaviour in *Calluna vulgaris* 801
- Nemorin, A., David, J., Maledon, E., Nudol, E., Dalon, J. and Arnau, G. Microsatellite and flow cytometry analysis to help understand the origin of *Dioscorea alata* polyploids 811
- Jorgensen, R. and Arathi, H. S. Floral longevity and autonomous selfing are altered by pollination and water availability in *Collinsia heterophylla* 821
- Tzarfati, R., Saranga, Y., Barak, V., Gopher, A., Korol, A. B. and Abbo, S. Threshing efficiency as an incentive for rapid domestication of emmer wheat 829
- Stpiczyńska, M., Davies, K. L., Pacek-Bieniek, A. and Kamińska, M. Comparative anatomy of the floral elaiophore in representatives of the newly re-circumscribed *Gomesa* and *Oncidium* clades (Orchidaceae: Oncidiinae) 839
- Gatto, A., De Paola, D., Bagnoli, F., Vendramin, G. G. and Sonnante, G. Population structure of *Cynara cardunculus* complex and the origin of the conspecific crops artichoke and cardoon 855
- Paris, H. S., Daunay, M.-C. and Janick, J. Medieval iconography of watermelons in Mediterranean Europe 867
- Vitte, C., Estep, M. C., Leebens-Mack, J. and Bennetzen, J. L. Young, intact and nested retrotransposons are abundant in the onion and asparagus genomes 881



Contents continued on inside back cover

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Contents from back cover

Suinuy, T. N., Donaldson, J. S. and Johnson, S. D.	Patterns of odour emission, thermogenesis and pollinator activity in cones of an African cycad: what mechanisms apply?	891
Wolowski, M., Ashman, T.-L. and Freitas, L.	Community-wide assessment of pollen limitation in hummingbird-pollinated plants of a tropical montane rain forest	903
Locke, A. M., Sack, L., Bernacchi, C. J. and Ort, D. R.	Soybean leaf hydraulic conductance does not acclimate to growth at elevated [CO ₂] or temperature in growth chambers or in the field	911
Leroy, C., Carrias, J.-F., Corbara, B., Pélozuelo, L., Dézerald, O., Brouard, O., Dejean, A. and Céréghino, R.	Mutualistic ants contribute to tank-bromeliad nutrition	919
Zheng, J. and Martínez-Cabrera, H. I.	Wood anatomical correlates with theoretical conductivity and wood density across China: evolutionary evidence of the functional differentiation of axial and radial parenchyma	927
Fernández-Pascual, E., Jiménez-Alfaro, B., Caujapé-Castells, J., Jaén-Molina, R. and Díaz, T. E.	A local dormancy cline is related to the seed maturation environment, population genetic composition and climate	937
Andersson, S. and Ofori, J. K.	Effects of mating system on adaptive potential for leaf morphology in <i>Crepis tectorum</i> (Asteraceae)	947

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The inset cover image shows an artificially coloured SEM picture of a pistil originating from an apomictic *Paspalum notatum* genotype at the post-meiotic stage (photograph by Ana María González, CONICET, Argentina). Styles connect the fringe-like stigmata to the ovule (orange). Apomixis is desirable in agriculture because it guarantees the perpetuation of superior genotypes by self-seeding without loss of hybrid vigour, and the genus *Paspalum* provides a good model system for studying this asexual reproductive system in grasses. See Ortiz *et al.* (pp. nnn–nnn).