



Publications
by staff and
associates

1 April 2008 - 31 March 2009

Photo, this page: *Scilla peruviana*.

Authors associated with RBGE are noted in upper case.

The medium of publication is noted as a symbol after each reference:

- A** Publications in peer-reviewed journals
- B** Books, book chapters, edited books
- C** Reports, commissioned work, abstracts
- D** Book reviews
- E** Unpublished theses

ABBOTT, R.J. See Kangming Chen

ABBOTT, R.J., Ritchie, M., HOLLINGSWORTH, P.M. (eds) (2008). Speciation in plants and animals: pattern and process. *Philosophical Transactions of the Royal Society of London, Series B*, 363: 2965-2970. **B**

ABBOTT, R.J., Ritchie, M., HOLLINGSWORTH, P.M. (2008) Introduction. Speciation in plants and animals: pattern and process. *Philosophical Transactions of the Royal Society of London, Series B*, 363: 2965-2970. **A**

Ajani, Y., Ajani, A., Cordes, J.M., WATSON, M.F., Downie, S.R. (2008). Phylogenetic analysis of nrDNA ITS sequences reveals relationships within five groups of Iranian Apiaceae subfamily Apioideae. *Taxon*, 57: 383-401. **A**

ALEXANDER, C. See Groendijk-Wilders

Al Farhan, A.H., Aldjain, I.M.N., Thomas, J., MILLER, A.G., KNEES, S.G., Lewellyn, O., Akram, A. Botanic gardens in the Arabian Peninsula. *Sibbaldia*, 6: 189-203. **C**

ARGENT, G.C.G. (2008). Some Recent Vireya Species Introduced into Cultivation. *Yearbook Scottish Rhododendron Society*, 10: 103-116. **C**

ARGENT, G.C.G. (2009). Current taxonomy – a reassessment of *Rhododendron verticillatum* Low ex Lindl. *Rhododendrons, Camellias and Magnolias*, 2009: 82-87. **C**

ASHWORTH, J. (2008). Using plant functional types to predict sensitivity to climate change in the Himalayas. *M.Sc. University of Edinburgh/RBGE*. **E**

Benniamin, A., FRASER-JENKINS, C.R., Irudayaraj, V. (2008). *Polystichum manickiamianum* (Dryopteridaceae), a new species from South India. *Novon*, 18: 287-293. **A**

BLACKMORE, S. See Robertson

BLACKMORE, S. See Wang

BLACKMORE, S. (2008). Keep or compost? why there must be life after research for living collections. *Sibbaldia*, 6: 5-8. **C**

Blades, L., HARPER, G., HELFER, S., Lee, M.L., Rogers, L., Stewart, S. (2008). Rapid-survey methods for flowering phenology. *Sibbaldia*, 6: 163-179. **C**

Blockeel, T.L., Abay, G., Bakalin, V.A., Bednarek-Ochyra, H., Çetin, B., Cykowska, B., Fuertes, E., Hesperhol, H., Holyoak, D. T., Hradílek, Z., Keçeli, T., Kürschner, H., Larrain, J., LONG, D.G., Ochyra, R., Parolly, G., Piątek, M., Piątek, J., Rams, S., Ros, R. M., Sénéca, A., Sérgio, C., Soldán, Z., Ștefănuț, S., Uyar, G., Váňa, J., Yayintaş, Ö. T. New national and regional bryophyte records, 19. *Journal of Bryology* 30: 231-237. **A**

Brand, M., COPPINS, B.J., van den Boom, P.P.G., Sérusiaux, E. (2009). Further data on the lichen genus *Bacidia* s.l. in the Canary Islands and western Europe, with descriptions of two new species. *Bibliotheca Lichenologica*, 99: 81-92. **B**

Brcic, T.M., Willis, K.J., HARRIS, D.J., Telfer, W. & Bailey, R.M. (2009). Fire and climate change impacts on lowland forest composition in northern Congo during the past 2580 years from palaeoecological analyses of a seasonally flooded swamp. *Holocene*, 19:79-90. **A**

Brodie, J., Codd, G.A., MANN, D.G. (2008). The decline in the number of algal taxonomists in the UK. *Phycologist*, 75: 23. **C**

BROWNLESS, P. (2008). Greenfingers: Zingibers. *The Botanics*, 35: 15. **C**

Bruyns, P.V., MILLER, A.G. (2009). Lectotypification of some Arabian Apocynaceae. *Edinburgh Journal of Botany*, 66: 97-101. **A**

BURTT, B.L. See Xu Zhaoran

Caetano, S., Pardo, D., PENNINGTON, R.T., Beck, S., Oliveira-Filho, A., Spichiger, R., & Naciri, Y. The history of Seasonally Dry Tropical Forests in eastern South America: inferences from the genetic structure of the tree *Astronium urundeuva* (Anacardiaceae). *Molecular Ecology*, 17: 3147-3159. **A**

Chen, W.-H., MÖLLER, M., Shui, Y.-M., Zhang, M.-D. (2008). A new species of *Paraboea* (Gesneriaceae) from a karst cave in Guangxi, China, and observations on variations in flower and inflorescence architecture. *Botanical Journal of the Linnean Society*, 158: 681-688. **A**

Chepurnov, V.A., MANN, D.G., von Dassow, P., Vanormelingen, P., Gillard, J., Inzé, D., Sabbe, K., Vyverman, W. (2008). In search of new tractable diatoms for experimental biology. *BioEssays*, 30: 692-702. **A**

CHRISTIAN, T. (2008). A pilot study for the Yew Conservation Hedge Project at the Royal Botanic Garden Edinburgh. *B.Sc. University of Glasgow/Scottish Agricultural College/RBGE*. **E**

CODY, S. (2008). The use of plant and animal dated phylogenies to explore the effects of the closure of the Panama Isthmus, which occurred approximately 3 Ma, on timings of plant and animal migration and dispersal between South and Central America. *M.Sc. University of Edinburgh/RBGE*. **E**

COPPINS, B.J. See Brand, ELLIS, Fryday, Sérusiaux

COPPINS, B.J. (2008). Literature pertaining to British lichens – 42. *British Lichen Society Bulletin*, 102: 20-23. **C**

COPPINS, B.J. (contrib). In: Hitch, C.J.B. (ed). (2008). New, rare and interesting lichens. *British Lichen Society Bulletin*, 102: 24-38. **C**

COPPINS, B.J., Aptroot, A. (2008) New species and combinations in The Lichens of the British Isles. *Lichenologist*, 40: 363-374. **A**

COPPINS, B.J., Seaward, M.R.D., Simkin, J. (2008). British Isles list of lichens and lichenicolous fungi, September 2008 update to list. *Bulletin of the British Lichen Society*, 103: 53-56. **C**

Couvreur, T.L.P., Chatrou, L.W., Sosef, M.S.M., RICHARDSON, J.E. (2008). Molecular phylogenetics reveal multiple tertiary vicariance origins of African rain forest trees. *BMC Biology*, 6: 54-63. **A**

Couvreur, T.L.P., RICHARDSON, J.E., Sosef, M.S.M., Erkens, R.H.J., Chatrou, L.W. (2008). Evolution of syncarpy and other morphological characters in African Annonaceae: a posterior mapping approach. *Molecular Phylogenetics and Evolution*, 47: 302-318. **A**

CRABTREE, D.E. (2008). Effects of climate change on montane indicator lichen species. *M.Sc. University of Edinburgh/RBGE*. **E**

CRABTREE, D. & ELLIS, C.J. (2009) Monitoring ground-layer lichen communities in the Cairngorms: a base-line study to assess climate change impacts. Unpublished Report – Cairngorms National Park Authority. **C**

Crandall-Stotler, B.J., Stotler, R.E., Doyle, W.T., FORREST, L.L. (2008). *Phaeoceros proskaueri* sp. nov., a new species of the *Phaeoceros hallii* (Austin) Prosk. - *Phaeoceros pearsonii* (M. Howe) Prosk. complex and the systematic affinities of *Paraphymatoceros* Häs. *Fieldiana (Botany) New Series*, 47: 213-238. **A**

CRUTCHLEY, S. (2009). Plant hunting in Gaoligong. *Plantsman (New Series)*, 8: 42-49. **C**

DU Xinjie. (2008). Sterile keys to the legume trees of the Sangha Trinalandscape. *M.Sc. University of Edinburgh/RBGE*. **E**

- Edwards, T., HUGHES, M., MÖLLER, M., Bellstedt, D. (2008). New *Streptocarpus* species (Gesneriaceae) from South Africa. *Botanical Journal of the Linnean Society*, 158: 743-748. **A**
- ELLIS, C.J. See CRABTREE
- ELLIS, C.J. (2008). Interactions between hydrology, burning and contrasting plant groups during the millennial-scale development of sub-montane wet heath. *Journal of Vegetation Science*, 19: 693-704. **A**
- ELLIS, C.J. (2008). A role for lichens in botanic gardens. *Sibbaldia*, 6: 155-162. **C**
- ELLIS, C.J. (2008). Using species records in conservation research. *BRISC Recorder News*, 70: 10-11. **C**
- ELLIS, C.J. (2008). The only constant is change: Climate as an emerging feature in a lichenologist's worries. *British Lichen Society Bulletin*, 102: 60-66. **C**
- ELLIS, C.J., YAHR, R., COPPINS, B.J. (2009). Local extent of old-growth woodland modifies epiphyte response to climate change. *Journal of Biogeography*, 36: 302-313. **A**
- ELLIS, C.J., Rochefort, L., Gauthier, G. & Pienitz, R. (2008) Palaeoecological evidence for transitions between contrasting land-forms in a polygon-patterned High Arctic wetland. *Arctic, Antarctic and Alpine Research*, 40: 624-637. **A**
- ENNOS, R.A. See French
- EVANS, K.M. See Jahn, MANN, Vanormelingen
- EVANS, K.M., MANN, D.G. (2009). A proposed protocol for nomenclaturally effective DNA barcoding of microalgae. *Phycologia*, 48: 70-74. **A**
- EVANS, K.M., Chepurnov, V.A. & MANN, D.G. (2009). Ten microsatellite markers for the freshwater diatom *Sellaphora capitata*. *Molecular Ecology Resources*, 9: 216-218. **A**
- EVANS, K.M., Vanormelingen, P., MANN, D.G. (2008). How can DNA barcoding help diatomists? Abstract Book, 2nd Central European Diatom Meeting (CEDIATOM2), Trentino Nature & Science Museum, Trento, Italy, 12-15 June 2008 (Ed. by M. Cantonati, A. Scafì & E. Bertuzzi), p. 28. **C**
- EVANS, K.M., Nagai, S., Chepurnov, V.A., Vanormelingen, P., MANN, D.G. (2008). Highly restricted gene flow between populations of freshwater diatoms: implications for speciation. Abstract Book, 20th International Diatom Symposium, 7-13 September 2008, Dubrovnik, Croatia (Ed. by N. Jasprica, A. Car & M. Čalic), p. 49. **C**
- EVANS, K.M., Chepurnov, V.A., THOMAS, S.J., MANN, D.G. (2008). Ubiquitous dispersal of microbes: fact or fiction? *Phycologist*, 74: 15. **C**
- Foley, M.J.Y., HEDGE, I.C., MÖLLER, M. (2008). The enigmatic *Salvia tingitana* (Lamiaceae): a case study in history, taxonomy and cytology. *Willdenowia*, 38: 41-59. **A**
- Ford, C.S., Ayres, K.L., Toomey, N., Haider, N., van Alphen Stahl, J., KELLY, L.J. Wikstrom, N., HOLLINGSWORTH, P.M., Duff, R.J., Hoot, S.B., Cowan, R.S., Chase, M.W., Wilkinson, M.J. (2009). Selection of candidate coding DNA barcoding regions for use on land plants. *Botanical Journal of the Linnean Society*, 159: 1-11. **A**
- FORREST, L.L. See Crandall-Stotler
- French, G.C., HOLLINGSWORTH, P.M., Silverside, A.J., ENNOS, R.A. (2008) Genetics, taxonomy and the conservation of British *Euphrasia*. *Conservation Genetics*, 9: 1547-1562. **A**
- Fryday, A.M., COPPINS, B.J. (2008). *Ameliella*, a new genus of lichen-forming fungi from north-west Europe and western Canada. *Lichenologist*, 40: 387-397. **A**
- Fryday, A.M., COPPINS, B.J. (2009) (1862) Proposal to conserve the name *Psoroma versicolor* (*Degeliella versicolor*) against *Psoroma subdescendens* (lichenized Ascomycota, Pannariaceae). *Taxon*, 58: 293. **A**
- GIBBS, P.E. See Ortiz
- Goodall-Copestake, W.P., HARRIS, D.J., HOLLINGSWORTH, P.M. (2009) The origin of a mega-diverse genus: dating *Begonia* (Begoniaceae) using alternative datasets, calibrations and relaxed clock methods. *Botanical Journal of the Linnean Society*, 159: 363-380. **A**
- Gosling, P.G., McCartan, S.A., Ives, L.M., Cunningham, V.J., SQUIRRELL, J. THOMAS, P. (2008). Preliminary observations on fruit handling, seed germination and chloroplast inheritance of an *Amentotaxus* hybrid arising at the Royal Botanic Garden Edinburgh from *A. argotaenia* (F) x *A. formosana* (M). *Sibbaldia*, 6: 101-114. **C**
- Groendijk-Wilders, N., ALEXANDER, C., van den Berg, R.G., Hettterscheid, W.L.A. (eds). (2008). Proceedings of the V International Symposium on the Taxonomy of Cultivated Plants. Leuven: ISHS. **B**
- Gureyeva, I.I., PAGE, C.N. (2008). The genus *Pteridium* (Hypolepidaceae) in the northern Eurasia. *Botanicheskii Zhurnal*, 93: 915-934. **A**
- HARPER, G. See Blades
- HARRIS, D.J. See Brncic, Goodall-Copestake, Hoot
- HARRIS, D.J., WORTLEY, A.H. (2008). *Sangha Trees: an Illustrated Identification Manual*. Edinburgh: Royal Botanic Garden Edinburgh. 300pp. **B**
- HAY, S. (2008/09). Royal Botanic Garden Edinburgh: Yew conservation. *Bush Telegraph*, 64: 4. **C**
- HEDGE, I.C. See Foley
- HEDGE, I.C., MIDDLETON, D.J. (ed). (2009). Brian Laurence Burt: a celebration of longevity and productivity. *Edinburgh Journal of Botany*, 66: 1-5. **A**
- HELPER, S. See Blades, Isiloglu
- HELPER, S. (2008). Mycota of south-west Asia. *Turkish Journal of Botany*, 32: 481-484. **A**
- HELPER, S. (2008). Plant health in private urban gardens. *Turkish Journal of Botany*, 32: 485-488. **A**
- HELPER, S. (2008). Diversity of plant health issues in home gardens. *Journal of Plant Pathology*, 90: 366-367. **A**
- HILLIARD, O.M. See Weber
- Hindak, F., SLUIMAN, H.J., Mistrik, I. (eds). (2008). Proceedings of the 5th International Symposium, Biology and Taxonomy of Green Algae, Smolenice, Slovakia, June 25-29, 2007. *Biologia (Bratislava)*, 63:765-961. **C**
- Hindak, F. (2009) Atlas of Cyanophytes. Bratislava: VEDA Publishing House of the Slovak Academy of Sciences. 253pp. SLUIMAN, H.J. (ed). **B**
- HOLLINGSWORTH, M.L., CLARK, A., FORREST, L.L., RICHARDSON, J., PENNINGTON, R.T., LONG, D.G., Cowan, R., Chase, M.W., Gaudeul, M., HOLLINGSWORTH, P.M. (2009). Selecting barcoding loci for plants: evaluation of seven candidate loci with species-level sampling in three divergent groups of land plants. *Molecular Ecology Resources*, 9: 439-457. **A**
- HOLLINGSWORTH, P.M. See ABBOTT, Ford, French, Goodall-Copestake, HOLLINGSWORTH, M.L., HUGHES, Kohn
- HOLLINGSWORTH, P.M. (2008). DNA barcoding plants in biodiversity hot spots: progress and outstanding questions. *Heredity*, 101: 1-2. **A**
- Honorio E.N., Baker, T.R., Phillips, O.L., Pitman, N.C.A., PENNINGTON R.T. et al. (2009). Integrating regional and continental scale comparisons of tree composition in Amazonian terra firme forests. *Biogeosciences Discussions* 6: 1421-1451. **A**
- Hoot S.B., Zautke, H., HARRIS, D.J., Crane P.R., Neves, S.S. (2009). Phylogenetic patterns in Menispermaceae based on multiple chloroplast sequence data. *Systematic Botany*, 34:44-56. **A**
- HUGHES, M. See Edwards, THOMAS
- HUGHES, M. (2008). An annotated checklist of Southeast Asian Begonias. Edinburgh: Royal Botanic Garden Edinburgh. 164pp. **B**
- HUGHES, M., HOLLINGSWORTH, P.M. (2008). Population genetic divergence corresponds with species level biodiversity patterns in the large genus *Begonia*. *Molecular Ecology*, 17: 2643-2651. **A**
- Isiloglu, M., HELPER, S., Alli, H., Yilmaz, F. A. (2009). A fatal *Inocybe* (Fr.) poisoning in Mediterranean Turkey. *Turkish Journal of Botany*, 33: 71-73. **A**

- Jahn, R., MANN, D.G., EVANS, K.M., Pouličková, A. (2008) The identity of *Sellaphora bacillum* (Ehrenberg) D.G. Mann. *Fottea*, 8: 121-124. **A**
- JONG, K. See MÖLLER
- JONG, K. (2009). Obituary: Reflections on working with a botanical giant - B.L. Burt (27th August 1913, to 30th May, 2008). *BSS News*, 92: 9-12. **C**
- Kangming Chen, ABBOTT, R.J., MILNE, R.I., Xin-Min Tian, Jianquan Liu. (2008). Phylogeography of *Pinus tabulaeformis* Carr. (Pinaceae), a dominant species of coniferous forest in northern China. *Molecular Ecology*, 17: 4276-4288. **A**
- KELLY, L.J. See Ford
- KENICER, G. (2008). Dye plants at the Royal Botanic Garden Edinburgh. *The Journal for Weavers, Spinners and Dyers*, 228: 27-29. **C**
- KENICER, G. (2008) An introduction to the genus *Lathyrus* L. *Curtis's Botanical Magazine*, 25: 286-295. **A**
- KENICER, G., Norton, S. (2008). *Lathyrus transylvanicus* (Leguminosae). *Curtis's Botanical Magazine*, 25: 296-302. **A**
- KENICER, G., Norton, S. (2008). *Lathyrus roseus* (Leguminosae). *Curtis's Botanical Magazine*, 25: 303-309. **A**
- KENICER, G., Norton, S. (2008). *Lathyrus neurolobus* (Leguminosae). *Curtis's Botanical Magazine*, 25: 310-316. **A**
- KENICER, G., Norton, S. (2008). *Lathyrus heterophyllus* (Leguminosae). *Curtis's Botanical Magazine*, 25: 317-324. **A**
- KENICER, G., Norton, S. (2008). *Lathyrus latifolius* (Leguminosae). *Curtis's Botanical Magazine*, 25: 325-332. **A**
- KENICER, G., Norton, S. (2008). *Lathyrus vestitus* (Leguminosae). *Curtis's Botanical Magazine*, 25: 333-341. **A**
- KENICER, G., Norton, S. (2008). *Vicia americana* (Leguminosae). *Curtis's Botanical Magazine*, 25: 342-349. **A**
- KILKENNY, N. (2008). *Mycenastrum corium* – a false earthstar. A new British record. *BRISC Recorder News*, 70: 1,3. **C**
- KNEES, S.G. See Al Farhan
- KNEES, S.G., Al Farhan, A.H., MILLER, A.G., WATSON, M.F. (2008). Current knowledge of Umbelliferae in the Arabian Peninsula. Proceedings, 6th International Apiales Symposium, Moscow State University, Moscow, p.53-54. **C**
- KOHN, D.D., Hulme, P.E., HOLLINGSWORTH, P.M., Butler, A. (2009). Are native bluebells (*Hyacinthoides non-scripta*) at risk from alien congeners? Evidence from distributions and co-occurrence in Scotland. *Biological Conservation*, 142: 61-74 **A**
- LATTA, J. (2008). Changing to APG II - theory put into practice. *Sibbaldia*, 6: 133-153. **C**
- LAUSEN-HIGGINS, J., LUSBY, P. (2008). Student Project. Pineapple growing: its historical development and the cultivation of the Victorian pineapple pit at the Lost Gardens of Heligan, Cornwall. *Sibbaldia*, 6: 29-39. **C**
- LEWIS, R. (2008). The Aloes of Arabia : phylogeny and morphology of a taxonomically complex plant group. M.Sc. University of Edinburgh/RBGE. **E**
- LINDSAY, S., MIDDLETON, D.J., Suddee, S. (2008). Two new species of ferns from Thailand. *Thai Forest Bulletin (Botany)*, 36: 46-51. **A**
- LINDSAY, S., MIDDLETON, D.J. (2008). Interactive key to the ferns of Thailand. In: Abstract Book, 14th Flora of Thailand Meeting: 36. **C**
- LINDSAY, S., MIDDLETON, D.J., (2008). A multi-access key to the ferns of Thailand. Abstract Book, 1st Symposium of the Flore du Cambodge, du Laos et du Vietnam, Royal University of Phnom Penh, 8-14 December 2008, p.33. **C**
- LISEWSKI, V. (2008). Response of lichen species to environmental factors operating at multiple spatial scales. M.Sc. University of Edinburgh/RBGE. **E**
- LIVINGSTONE, M. (2008). Assessment of clonal diversity and conservation monitoring of *Moneses uniflora* in Scotland. M.Sc. University of Edinburgh/RBGE. **E**
- Livshultz, T., MIDDLETON, D.J. (2008). Phylogeny and classification of Apocynaceae sensu lato in the Flora of Cambodia, Laos and Vietnam. Abstract Book, 1st Symposium of the Flore du Cambodge, du Laos et du Vietnam, Royal University of Phnom Penh, 8-14 December 2008, p.34. **C**
- LONG, D.G. See Blockeel, Vana
- LONG, D.G. (2008). *Grimmia* updates. *Field Bryology*, 95: 16-20. **C**
- LONG, D.G., Braithwaite, M.E. (2008). Field Notes and Records. 2007 botanical records. *History of the Berwickshire Naturalists Club*, 50: 204-209. **C**
- LONG, D.G., HELFER, S. (2008). Training Natural Talent Apprentices. Annual Report Royal Botanic Garden Edinburgh 2007/08 pp. 28-29. Edinburgh: Royal Botanic Garden. **C**
- LONG, D.G., Crandall, Stotler, B., Stotler, R.E. (2009). Phylogeny and classification of the Marchantiophyta. *Edinburgh Journal of Botany*, 66: 155-198. **A**
- LUSBY, P. See LAUSEN-HIGGINS
- Lyte, B., Warren, J., Haenraets, J., MITCHELL, D. (2008). Garden shelterbelts – protecting yesterday's gardens tomorrow. *Sibbaldia*, 6: 181-188. **C**
- McHAFFIE, H.S. See Proctor
- McHAFFIE, H.S. (2008). The rare wee bog fern! *Pteridologist*, 5: 4. **C**
- MACKINDER, B.A., Burgt, X.M. van der (2009). *Berlinia korupensis* (Leguminosae – Caesalpinioideae), a new tree species from Cameroon. *Kew Bulletin*, 64: 129-134. **A**
- MacLACHLAN, I.R. (2008). Quantitative wood anatomy using multivariate PCA for identification of the CITES listed *Pterocarpus santalinus* (Leguminosae). M.Sc. University of Edinburgh/RBGE. **E**
- McNEILL, J. See Redhead
- McNEILL, J. (2008) The taxonomy of cultivated plants. *Acta Horticulturae*, 700: 21-28. **A**
- McNEILL, J., Orchard, A.E., David, J.C. (eds). (2008). Nomenclature. *Taxon*, 57: 612-636, 963-988. **A**
- McNEILL, J., Redhead, S.H., Wiersema, J.H. (eds) (2008) Proposals to Conserve or Reject Names. *Taxon*, 57: 637-662, 989-1014. **A**
- McNEILL, J. (ed) (2008). Proposal to Suppress a Work. *Taxon*, 57: 663-665, 1015-1016. **A**
- MAIDEEN, H.M.K. (2008). Systematic study on Davalliaceae in Peninsular Malaysia. Ph.D. University of Edinburgh/RBGE. **E**
- MANN, D.G. See Brodie, Chepurnov, EVANS, Jahn, Medlin, Pouličková, Sabbe, Sato, Trobajo, Vanormelingen
- MANN, D.G. (2008). *The genus Sellaphora*: an addition and corrections. *Fottea*, 8: 117-119. **A**
- MANN, D.G. & EVANS, K.M. (2008). The species concept and cryptic diversity. *Proceedings of the 12th International Conference on Harmful Algae* (Ed. by Ø. Moestrup et al), pp. 262-268. International Society for the Study of Harmful Algae and Intergovernmental Oceanographic Commission of UNESCO, Copenhagen. **C**
- MANN, D.G., THOMAS, S.J. & EVANS, K.M. (2008). Revision of the diatom genus *Sellaphora*: a first account of the larger species in the British Isles. *Fottea*, 8: 15-78. **A**
- MANN, D.G., EVANS, K.M., Chepurnov, V.A., Vanormelingen, P. (2008). 25 years' devotion to *Sellaphora*: was it worth it? Abstract Book, 20th International Diatom Symposium, 7-13 September 2008, Dubrovnik, Croatia (Ed. by N. Jasprić, A. Car & M. Čalic), p. 72. **C**
- MANN, D.G., EVANS, K.M., Chepurnov, V.A., Vanormelingen, P. (2008). Microsatellites, DNA barcodes, morphology and mating concur: dispersal limitation of diatoms is likely, some species are genuinely widely distributed, cryptic speciation undermines morphology-based surveys, and diatoms are incredibly speciose. Abstracts, "Protist2008", Halifax, Nova Scotia, Canada, p. 24. **C**

- Medlin, L.K., Sato, S., MANN, D.G., Kooistra, W.H.C.F. (2008) Molecular evidence confirms sister relationship of *Ardissonaea*, *Climacospheonia* and *Toxarium* within the bipolar centric diatoms (Bacillariophyta, Mediophyceae) and cladistic analyses confirms that extremely elongated shape has arisen twice in the diatoms. *Journal of Phycology*, 44: 1340–1348. **A**
- Mendoza, M., WATSON, M.F. (2008). Four new species of *Eryngium* L. (Apiaceae) from the inter-Andean dry valleys of Bolivia. *Candollea*, 63: 5-16. **A**
- MENDUM, M. See Weber
- MIDDLETON, D.J. See HEDGE, LINDSAY, Livshultz, Parnell, Triboun, Weber, Welzen, Xu Zhaoran
- MIDDLETON, D.J. & Ly, N.S. (2008). A new species of *Ornithoboa* (Gesneriaceae) from Vietnam. *Edinburgh Journal of Botany*, 65: 353-357. **A**
- MIDDLETON, D.J. (2009). Brian Laurence Burt. *Edinburgh Journal of Botany*, 66: 1. **A**
- MIDDLETON, D.J. (2008). B.L. Burt (27 August 1913 - 30 May 2008). *Gesneriads*, 58: 40-41. **C**
- MIDDLETON, D.J. (2008). An update on the Apocynaceae in Thailand. Abstract Book, 14th Flora of Thailand Meeting: 25. **C**
- MIDDLETON, D.J. (2008) The genus *Aeschynanthus* (Gesneriaceae) in Thailand. Abstract Book, 14th Flora of Thailand Meeting: 27. **C**
- MIDDLETON, D.J. (2008). The genus *Aeschynanthus* in Cambodia, Laos and Vietnam. Abstract Book, 1st Symposium of the Flore du Cambodge, du Laos et du Vietnam, Royal University of Phnom Penh, 8-14 December 2008, p.39. **C**
- Mikhailyuk, T.I., SLUIMAN, H.J., Massalski A., Mudimu O., Friedl T. (2008). New Streptophyte green algae from terrestrial habitats and an assessment of the genus *Interfilum* (Klebsormidiophyceae, Streptophyta). *Journal of Phycology*, 44:1586-1603. **A**
- Mikhailyuk, T.I., SLUIMAN, H.J., Rindi, F., Massalski A., Mudimu O., Friedl T. (2008). *Interfilum* and *Klebsormidium* are closely related streptophycean algae. Abstract, "Algal Culture Collections 2008", Scottish Association for Marine Science, Oban, June 8-11, p. 13. **C**
- MILES, E.J. (2008). The effects of fungicides on mycorrhizae colonisation of tropical tree seedlings. B.Sc. University of Glasgow/Scottish Agricultural College/RBGE. **E**
- MILL, R.R., Schilling, D.M.S. (2009). Cuticle micromorphology of *Saxegothea* (Podocarpaceae). *Botanical Journal of the Linnean Society*, 159: 58-67. **A**
- MILLER, A.G. See Al Farhan, Bruyns, KNEES
- MILNE, R.I. See Kangming Chen
- MITCHELL, D. See Lyte
- MITCHELL, J. (2008). The Royal Botanic Garden Edinburgh. *Rock Garden*, 30: 52-64. **C**
- MÖLLER, M. See Chen, Edwards, Foley
- MÖLLER, M., Kokubugata, G., JONG, K. (2008). Aspects of genome evolution in Gesneriaceae: patterns of 45S-nrDNA site evolution based on evidence from fluorescent in-situ hybridization (FISH). *International Journal of Plant Sciences*, 169: 667-676. **A**
- MORRIS, L. See Patzelt
- MORRIS, L. (2009). Grow it. *Horticulturist*, 18: 13-16. **C**
- NEWMAN, M.F. (2008). Sapotaceae : Flora del Valle de Tehuacán-Cuicatlán. Fascicle 57. Mexico, D.F. : Instituto de Biología, Universidad Nacional Autónoma de México. **B**
- NOLTIE, H.J. See Weber
- NOLTIE, H.J. (2008). John Hutton Balfour's Botanical Teaching Diagrams (1840–1879). In: Nature Study: Louise Bourgeois and John Hutton Balfour (1808–1884). Edinburgh: Royal Botanic Garden Edinburgh. **B**
- NOLTIE, H.J. (2008). The Flora of Ruskin's Rock. In: Hamilton, Alexander, The Glenfinlas Cyanotypes, pp. 15–17. Edinburgh: Sun Pictures. **B**
- NOLTIE, H.J. (2008). [Obituary:] B. L. Burt. *The Independent*, 13 June 2008: 52–3. **C**
- Ortiz, M.A., Tremetsberger, K., Terrab, A., Stuessy, T.F., García-Castaño, J.L., Urtubey, E., Baeza, C.M., Ruas, C.F., GIBBS, P.E., Talavera, S. (2008). Phylogeography of the invasive weed *Hypochaeris radicata* (Asteraceae): from Moroccan origin to worldwide introduced populations. *Molecular Ecology*, 17: 3654-3667. **A**
- PAGE, C. (2008). The effect of substrate type and angle on the quantity of condensation from fog. B.Sc. University of Glasgow/Scottish Agricultural College/RBGE. **E**
- PAGE, C.N. See Gureyeva
- PAIK Jin-Hyub. (2008). Systematic studies of *Heracleum* L. (Umbelliferae) and related genera in the Sino-Himalayan region. Ph.D. University of Edinburgh/RBGE. **E**
- Parnell, J.A.N., Simpson, D.A., Moat, J., Couch, C., Van Welzen, P.C., Chayamarit, K., Chantaranonthai, P., Boyce, P.C., Bygrave, P., Byrne, C., Curtis, T., Dransfield, S., Esser, H.J., Jebb, M.H.P., Kirkup, D.W., Larsen, K., Larsen, S.S., Macklin, J., Meade, C., MIDDLETON, D.J., Muasya, A.M., Nielsen, I., Prajaksood, A., PENDRY, C.A., Pooma, R., Suddee, S., Sungkaew, S., Teerwatananon, A., Trias Blasi, A. & Wilkin, P. (2008). New, Improved and more comprehensive: collecting rates and distribution patterns in Thailand. Abstract Book, 14th Flora of Thailand Meeting: 12. **C**
- PATERSON, D. BLACKMORE, S., WHALEN, J. (ed) (2008). *Plants of the Jade Dragon Snow Mountain*, 2nd Edition, Edinburgh, RBGE.
- Patzelt, A., MORRIS, L., Al Harthi, L., Al Rashdi, I., Spalton, A. (2008). The Oman Botanic Garden (1): The vision, early plant collections and propagation. *Sibbaldia*, 6: 41-77. **C**
- PENDRY, C.A. See Parnell, Welzen
- PENDRY, C.A., WATSON, M.F. (2008). Biogeographic links between Thailand and Nepal and the potential for collaboration between their flora projects. Abstract Book, 14th Flora of Thailand Meeting: 39. **C**
- PENNINGTON, R.T. See Caetano, HOLLINGSWORTH, M.L., Honorio
- PENNINGTON, R.T., Wojciechowski, M. (2008). The status of *Sophora*. *Plantsman (New Series)*, 7: 186-189. **C**
- Phonsena, P., WILKIE, P. (2008). *Scaphium affine* (Mast.) Pierre (Sterculiaceae) new for Thailand. *Thai Forest Bulletin (Botany)*, 36: 61-69. **A**
- POUDEL, R.C. (2008). *Rhododendron campanulatum/wallichii* complex of the Himalaya: one, two, three or four species? M.Sc. University of Edinburgh/RBGE. **E**
- Pouličková, A., MANN, D.G. (2008) Autogamous auxosporulation in *Pinnularia nodosa* (Bacillariophyceae). *Journal of Phycology*, 44: 350-363. **A**
- Pouličková, A., MANN, D.G. (2008). Uniparental auxosporulation in pennate diatoms. Abstract Book, 20th International Diatom Symposium, 7–13 September 2008, Dubrovnik, Croatia (Ed. by N. Jasprica, A. Car & M. Čalic), p. 82. **C**
- Pouličková, A., Špačková, J., Kelly, M.G., Duchoslav, M. & MANN, D.G. (2008). Ecological variation within *Sellaphora* species complexes (Bacillariophyceae) – specialists or generalists? *Hydrobiologia* 614: 373–386. **A**
- Proctor, M.C.F., McHAFFIE, H.S., Legg, C.J., Amphlett, A. (2009). Evidence from water chemistry as a criterion of ombrotrophy in the mire complexes of Abernethy Forest, Scotland. *Journal of Vegetation Science*, 20: 160-169. **A**
- Redhead, S.A., McNEILL, J. (2008) The generic name *Leratiomyces* (Agaricales) once again. *Mycotaxon*, 105: 481-488. **A**
- RAE, D. (2008). The value of living collection catalogues and catalogues produced from the Royal Botanic Garden Edinburgh. *Sibbaldia*, 6: 115-131. **C**
- RENSHAW, O. (2008). Are plant functional types based on leaf, seed and growth traits a useful tool for management and conservation purposes? M.Sc. University of Edinburgh/RBGE. **E**

- RICHARDSON, J.E.** See Couvreur, HOLLINGSWORTH, M.L., Swenson
- RONSE DE CRAENE, L.P.** See Wanntorp
- RONSE DE CRAENE, L.P.** (2008). Homology and evolution of petals in core eudicots. *Systematic Botany*, 33: 301-325. **A**
- RONSE DE CRAENE, L.P.** (2008). Blurred sepal-petal boundaries. The case for reversals in core eudicots. Euro Evo Devo, 2nd Meeting of the European Society for Evolutionary Developmental Biology Ghent, Abstracts: 168. **C**
- RONSE DE CRAENE, L.P.** (2008). Floral development of *Aextoxicon punctatum* (Aextoxicaceae Berberidopsidales) morphological evidence for a link with Berberidopsis? Systematics 2008, Programme and Abstracts, Goettingen 7-11 April, 2008: 126. **C**
- RONSE DE CRAENE, L.P., Wanntorp, L.** (2008). Morphology and anatomy of the flower of *Meliosma* (Sabiaceae): implications for pollination biology. *Plant Systematics and Evolution*, 271: 79-91. **A**
- Sabbe, K., MANN, D.G., Verleyen, E., Vyverman, W.** (2008). Recent insights into the biogeography of diatoms. Abstract Book, 2nd Central European Diatom Meeting (CEDIATOM2), Trentino Nature & Science Museum, Trento, Italy, 12-15 June 2008 (Ed. by M. Cantonati, A. Scalfi & E. Bertuzzi), p. 27. **C**
- Sato, S., MANN, D.G., Matsumoto, S., Medlin, L.K.** (2008). *Pseudostriatella* (Bacillariophyta); a description of a new araphid diatom genus based on observations of frustule and auxospore structure and 18S rDNA phylogeny. *Phycologia*, 47: 371-391. **A**
- Sérusiaux, E., COPPINS, B.J.** (2009). *Micarea sipmanii*, a new species with arbuscular pycnidia from the West Indies. *Bibliotheca Lichenologica*, 99: 367-372. **B**
- SLUIMAN, H.J.** See Hindak, Mikhailyuk
- SPRINGATE, L.S.** (2008). The hybrid genus *xPachyveria* and *xPachyveria* 'Clavifolia': additional notes. *Sedum Society Newsletter* 86: 90. **C**
- SPRINGATE, L.** (2009). A new name for the Leyland cypress. *Plantsman (New Series)*, 8: 35-37. **C**
- SQUIRELL, J.** See Gosling
- Swenson, U., RICHARDSON, J.E., Bartish, I.V.** (2008). Multi-gene phylogeny of the pantropical subfamily Chrysophylloideae (Sapotaceae): evidence of generic polyphyly and extensive homoplasmy. *Cladistics*, 24: 1006-1031. **A**
- THOMAS, D.C., Ardi, W.H., HUGHES, M.** (2009). Two new species of *Begonia* (Begoniaceae) from Central Sulawesi, Indonesia. *Edinburgh Journal of Botany*, 66: 103-114. **A**
- THOMAS, P.** See Gosling
- THOMAS, S.J.** See EVANS, MANN
- Trobajo, R., Clavero, E., Chepurinov, V.A., Sabbe, K., MANN, D.G., Ishihara, S., Cox, E.J.** (2008). Morphological, molecular genetic and reproductive studies of the *Nitzschia palea* species complex. Abstract Book, 20th International Diatom Symposium, 7-13 September 2008, Dubrovnik, Croatia (Ed. by N. Jasprica, A. Car & M. Čalic), p. 95. **C**
- Triboun, P., MIDDLETON, D.J.** (2008) Taxonomic revision of *Boea* and allied genera (Gesneriaceae) in Thailand In: Abstract Book, 14th Flora of Thailand Meeting: 26. **C**
- Vana, J., LONG, D.G.** (2008). *Hamatostrepta concinna* gen. et sp. nov. (Jungermanniopsida, Scapaniaceae), a new Asiatic leafy liverwort from the Sino-Burmese border. *Fieldiana (Botany) New Series*, 47: 133-138. **A**
- Vanormelingen, P., EVANS, K.M., Chepurinov, V.A., Sabbe, K., Vyverman, W., MANN, D.G.** (2008). Perspectives in diatom speciation. Abstract Book, 20th International Diatom Symposium, 7-13 September 2008, Dubrovnik, Croatia (Ed. by N. Jasprica, A. Car & M. Čalic), p. 232. **C**
- Wang, H., Yu, W.B., Chen, J.Q., BLACKMORE, S.** (2009) Pollen morphology in relation to floral types and pollination syndromes in *Pedicularis* (Orobanchaceae). *Plant Systematics and Evolution*, 277: 153-162. **A**
- Wanntorp, L., RONSE DE CRAENE, L.P.** (2008) Perianth differentiation in the Santalales: what morphology can tell us about molecular phylogenetics. Systematics 2008, Programme and Abstracts, Goettingen 7-11 April: 149. **C**
- WARWICK, M.C., Lewis, G.P., Lima, H.C. de.** (2008). A reappraisal of *Barnebydendron* (Leguminosae: Caesalpinioideae: Detarieae). *Kew Bulletin*, 63: 143-149. **A**
- WARWICK, M.C., Lewis, G.P.** (2009). A revision of *Cenostigma* (Leguminosae – Caesalpinioideae – Caesalpineae), a genus endemic to Brazil. *Kew Bulletin*, 64: 135-146. **A**
- WATLING, R.** (2008). Obituary: Douglas Mackay Henderson (1927-2007): a campaigner for Scottish mycology. *Mycological Research*, 112: 1381-1384. **A**
- WATLING, R.** (2008). Synopsis Fungorum 24. A manual and source book on the boletes and their allies. Oslo : Fungiflora. 248pp. **B**
- WATSON, M.F.** See Ajani, KNEES, Mendoza, PENDRY
- Weber, A., NOLTIE, H.J.** (2008). In memoriam: Brian Laurence Burt (1913 -2008). *Taxon*, 57: 1366-1369. **A**
- Weber, A., MIDDLETON, D.J.** (2009). Plants named in honour of B.L. Burt. *Edinburgh Journal of Botany*, 66: 6-7. **A**
- Weber, A., Sontag, S., MENDUM, M. †, HILLIARD, O.M., NOLTIE, H.J.** (2009). Botanical publications of B. L. Burt. *Edinburgh Journal of Botany*, 66: 8-26. **A**
- Welzen P.C. van,, Rae, N., Parnell, J.A.N., Simpson, D.A., Moat, J., Chayamarit, K., Chantaranonthai, P., Boyce, P.C., Bygrave, P., Byrne, C., Curtis, T., Dransfield, S., Esser, H.J., Jebb, M.H.P., Kirkup, D.W., Larsen, K., Larsen, S.S., Macklin, J., Meade, C., MIDDLETON, D.J., Muasya, A.M., Nielsen, I., Prajaksood, A., PENDRY, C.A., Pooma, R., Suddee, S., Sungkaew, S., Teerwatananon, A., Trias Blasi, A. & Wilkin, P.** (2008). Phytogeographic areas in Thailand. Abstract Book, 14th Flora of Thailand Meeting: 40. **C**
- WHALEN, J.** See Paterson
- WILKIE, P.** See Phonsena
- WILKIE, P.** (2008). A new species of *Scaphium* (Sterculioideae, Malvaceae/Sterculiaceae) from Borneo. *Edinburgh Journal of Botany*, 65: 475-481. **A**
- WORTLEY, A.H.** See HARRIS
- WORTLEY, A.H., Funk, V.A., Skvarla, J.J.** (2008). Pollen and the evolution of Arctotideae. *Botanical Review*, 74: 438-466. **A**
- XU Xinxin.** (2008). Primary cell wall structure of *Equisetum* and other basal lineages of the Euphyllophytes. M.Sc. University of Edinburgh/RBGE. **E**
- Xu Zhaoran, BURTT, B.L. (†), Skog, L.E., MIDDLETON, D.J.** (2008). A revision of *Paraboea* (Gesneriaceae). *Edinburgh Journal of Botany*, 65: 161-347. **A**
- YAHR, R.** See ELLIS