

NATURAL HISTORY MUSEUM SCIENCE DEPARTMENTS PUBLICATIONS 2007–2008

The list of publications gives Departmental staff and Associates in capitals

BOTANY DEPARTMENT PUBLICATIONS 2007–2008

A – Authored and edited peer reviewed professional books and monographs

BRODIE, J. & Lewis, J. 2007. *Unravelling the algae: the past, present and future of algal systematics*. CRC Press, Florida, 364 pp.

BRODIE, J., Maggs, C.A. & John, D.M. 2007. *Green seaweeds of Britain and Ireland*. Printed for the British Phycological Society by Dataplus Print & Design, Northern Ireland, 242 pp.

HAWKSWORTH, D.L. & Bull, A.T. 2007. Plant Conservation and Biodiversity. P. viii+424 in A.T. Bull (ed), *Topics in Biodiversity and Conservation No. 6*. Springer, Dordrecht.

HAWKSWORTH, D.L. & Bull, A.T. 2007. Vertebrate Conservation and Biodiversity. P. x + 498 in D.L. HAWKSWORTH and A.T. Bull (eds), *Topics in Biodiversity and Conservation No. 5*. Dordrecht: Springer.

HAWKSWORTH, D.L. & Bull, A.T. (eds) 2008. *Biodiversity and conservation in Europe*. [*Topics in Biodiversity and Conservation No. 7*], Springer, Dordrecht.

HUXLEY, R. 2007. *The Great Naturalists*. Thames & Hudson/ Natural History Museum London, 304 pp.

JARVIS, C. 2007. *Order out of Chaos: Linnaean plant names and their types*. Linnean Society of London and the Natural History Museum, London, 1016 pp.

JERMY, A.C., Simpson, D.A., Foley, M.J.Y. & Porter, M.S. 2007. *Sedges of the British Isles. B.S.B.I. Handbook No. 1 (edition 3)* Botanical Society of the British Isles, London, 554 pp.

WILLIAMS, D. & Ebach, M. 2007. *The Foundations of Comparative Biology*. [Preface by Professor Gareth Nelson]. Kluwer Academic-Springer.

B – Other books and monographs (including popular works)

None

C – Peer reviewed articles in journals and edited volumes (includes accounts in Floras).

ANSELL, S., SCHNEIDER, H., PEDERSEN, N., GRUNDMANN, M., RUSSEL, S. & VOGEL, J. 2007.

Recombination diversifies chloroplast *trnF* pseudogenes in *Arabidopsis lyrata*. *Journal of Evolutionary Biology* (20): 2400-2411.

Aptroot, A., Saipunkaew, W., Sipman, H., Sparrius, L. & WOLSELEY, P. 2007. New lichens from Thailand, mainly microlichens from Chiang Mai. *Fungal Diversity*, **24**: 75-134.

Aptroot, A., Sparrius, L., LAGRECA, S. & Bungartz, F. 2008. Angiactis, a new crustose lichen genus in the family Roccellaceae with species from Bermuda, the Galápagos Islands, and Tasmania. *The Bryologist*, **111**: 212-216.

Argüello, A., Crespo, A. & HAWKSWORTH, D.L. 2007. Neo- and epitypification to fix the application of the names *Parmelina carporhizans* and *P. quercina*. *Lichenologist*, **39**: 397-399.

Banks, H., KLITGAARD, B.B., Claxton, F., Forest, F. & Crane, P.R. 2008. Pollen morphology of the family Polygalaceae (Fabales). *Botanical Journal of the Linnean Society*, **156**(2): 253-289.

Bell, N.E., PEDERSEN, N. & NEWTON, A.E. 2007. *Ombronesus stuvensis*, a new genus and species of Ptychomniaceae (Bryophyta) from south west Chile. *Taxon*, **56**: 887-896.

Bell, N.E., Quandt, D., O'Brien, T. & NEWTON, A.E. 2007. Taxonomy and phylogeny in the earliest diverging pleurocarps: square holes and bifurcating pegs. *The Bryologist*, **110**: 533-560.

Bell, N.E. & YORK, P.V. 2007. *Vetiplanaxis pyrrohobryoides*, a new moss genus and species from Middle Cretaceous Burmese amber. *The Bryologist*, **110**(3): 514-520.

BENNETT, J.R. 2008. A revision of *Solanum* section *Regmandra* (Solanaceae). *Edinburgh Journal of Botany*, **65**: 69-112.

BENNETT, J.R., Wood, J.R.I. & Scotland, R.W. 2008. Uncorrelated variation in widespread species: species delimitation in *Strobilanthes echinata* Nees (Acanthaceae). *Botanical Journal of the Linnean Society*, **156**: 131 - 141.

BRIDGEWATER, S., Garwood, N., DuPlooy, H., Morgan Porter, H. & Wicks, N. 2007. Belize's *Chamaedorea Conundrum*. *Palms*, **51**(4): 187-199.

BRODIE, J. & Bunker, F. 2007. *Acrosiphonia*, *Spongomorpha* and *Derbesia*. Pp. 45-50; 201-206 in J. BRODIE, C.A. Maggs and D.M. John (eds) *Green seaweeds of Britain and Ireland*. Printed for the British Phycological Society by Dataplus Print & Design, Northern Ireland.

BRODIE, J., John, D., Tittley, I., M.J., H. & Williamson, D. 2007. Important Plant Areas for algae: a provisional review of sites and areas of importance for algae in the United Kingdom. *Plantlife International*. 93 pp.

BRODIE, J. & Lewis, J. 2007. Introduction. Pp. 1-6 in J. BRODIE and J. Lewis (eds) *Unravelling the algae: the past, present and future of algal systematics*. Systematics Association Series, CRC Press, Florida.

BRYANT, J.A. 2007. The stoneworts (Chlorophyta, Charales). Pp. 67-72 in M.D. Guiry, D.M. John, F. Rindi and T.K. McCarthy (eds) *New survey of Clare Island. Volume 6: The freshwater and terrestrial algae*. Royal Irish Academy, Dublin.

Burgaz, A.R., Argüello, A., Atienza, V., Fernández-Brime, S., Fernández-Salegui, A.B., Figueras-Balague, G., García-Otálora, M., Gómez-Bolea, M., HAWKSWORTH, D.L., Hladun, N., Lllimoa, X., Llop, E., Marcos-Laso, B., Muñiz, D., Pérez-Llamazares, A., Paz-Bermúdez, G., Pérez-Ortega, S., Del

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- Chase, M.W., Cowan, R.S., Hollingsworth, P.M., van den Berg, C., Madriñán, S., Petersen, G., Seberg, O., Jørgensen, T., Cameron, K.M., CARINE, M.A., PEDERSEN, N., Hedderson, T.A.J., Conrad, F., Salazar, G., Richardson, J.E., Hollingsworth, M.L., Barraclough, T.G., Kelly, L. & Wilkinson, M.** 2007. A proposal for a standardised protocol to barcode all land plants. *Taxon*, **56**: 295-299.
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- Ebach, M.C., Morrone, J.J. & WILLIAMS, D.M.** 2008. A new cladistics of cladists. *Biology and Philosophy*, **23**: 153-156.
- Edgar, G.J., Langhammer, P.F., Allen, G., Brooks, T.M., BRODIE, J., Crosse, W., De Silva, N., Fishpool, L., Foster, M.N., Knox, D.H., Miller, A. & Mugo, R.** 2007. Key Biodiversity Areas as globally significant targets for marine conservation. *Marine and Freshwater Ecosystems*. DOI.1002/aqc.902.
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HAWKSWORTH, D.L., Blanco, O., Divakar, P.K., Ahti, T. & Crespo, A. 2008. A first checklist of parmelioid and similar lichens in Europe and some adjacent territories, adopting revised generic circumscriptions and with indications of species distributions. *Lichenologist*, **40**: 1-21.

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Hentschel, J., Zhu, R.-L., Long, D.G., Davison, P.G., SCHNEIDER, H., R., G. & Heinrichs, J. 2007. Phylogeny of Porella (Porellaceae, Jungermanniopsida) based on nuclear and chloroplast DNA sequences. *Molecular Phylogenetics and Evolution*, **45**:693-705.

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G – Electronic publications

None