

PLANT SCIENCES RECOMMENDED TEXTS

The following list has been put together by staff as the principal texts associated with Plant Sciences modules. Copies of these books are kept in the Library on Shelves K7, 8 & 9.

They *must not be borrowed by anyone* and must be read in the Library.

Additional reading will be recommended by lecturers for all modules.

Bell, P.R. & Hemsley, A.R. 2000. *Green Plants – their origin & diversity* (3rd edition). Cambridge University Press. 581.4 N2*1; S-LEN 581.4 N2*1;1. (A brisk trip through the Plant Kingdom.)

Cox, C.B. & Moore, P.D. (2005). *Biogeography An Ecological and Evolutionary Perspective*. Blackwell

Falk, D.A. & Holsinger, K.E. (1991). *Genetics and Conservation of Rare Plants*. Oxford University Press

Herrera CM, Pellmyr O (2002) *Plant animal interactions: an evolutionary approach*. Blackwell Science, Oxford

Hodkinson T.R., Parnell J.A.N. Eds.(2007) *Reconstructing the tree of life: taxonomy and systematics of species rich taxa*. Systematics Association Special Series Volume 72, Boca Raton, FL, USA, Taylor and Francis, CRC Press, 351pp

Judd, W.S., Campbell, C.S., Kellogg, E.A., Stevens, P.F. & Donoghue M.J. (1999). *Plant Systematics*. A Phylogenetic Approach. 3rd Ed. Sinauer Associates. 565pp

Keddy, P.A. 2007. *Plants and Vegetation: Origins, Processes, Consequences*. Cambridge University Press. 581.7 P71

Larcher, W. (1995). *Physiological Plant Ecology*. Springer Verlag.

Lawlor, D.W. (1993). *Photosynthesis: Molecular, Physiological and Environmental Processes*. Longman

Lea, P.J. & Leegood, R.C. (1999). *Plant Biochemistry and Molecular Biology* John Wiley & Sons.

Lee, R.E. 2008. *Phycology* (4th edition). Cambridge University Press

Lockwood, Hoopes, Marchetti (2007) *Invasion Ecology*. Blackwell publishing

Lowe, J. & Walker, M. (1997). *Reconstructing Quaternary Environments*. Second Edition. Longman

Marschner, H. (1995). *Mineral Nutrition of Higher Plants*. Academic press. Second Edition

Mauseth, J. (1988). *Plant Anatomy*. Cummings

Moran, R.C. 2004. *A Natural History of Ferns*. Portland, Oregon. S-LEN 587.3 P4 & P4;1 Berkeley basement HL-289-795. (Very readable)

Oldfield, F. (2005). *Environmental Change. Key Issues and Alternative Perspectives*. Cambridge University Press

RB Primack (2010). *Essentials of Conservation Biology*, 5th Edition. Sinauer

Robert R. Sokal and F. James Rohlf (Hardcover - 7 Nov 1994), *Biometry: Principles and Practice of Statistics in Biological Research*

Taiz & Zeiger (2002). *Plant Physiology*. Sinauer Associates., Massachusetts

Vanderpoorten, A. & Goffinet, B. 2009. *Introduction to Bryophytes*. Cambridge University Press. 588 P9. (Botany library) (Wide-ranging)

Van der Maarel, E. (ed.) 2005. *Vegetation Ecology*. Blackwell

Willis, K.J. & McElwain, J.C. 2002. *The Evolution of Land Plants*. Oxford

Zomlefer B Wendy. *Guide to Flowering Plant Families*. 380 pages, 158 plates, 7 cladograms, 23 charts. University of North Carolina Press