

CITY UNIVERSITY OF NEW YORK GRADUATE SCHOOL  
Ph.D. PROGRAM IN BIOLOGY – PLANT SCIENCES FIRST EXAMINATION  
**READING LIST 2007**

**Alberts, B., A. Johnson, J. Lewis, M. Raff, K. Roberts, and P. Walter** 2002 Molecular Biology of the Cell. 4<sup>th</sup> ed., Garland Science, New York. Ch. 18,19, 21.

**Cronquist, A. 1981.** An integrated system of classification of flowering plants. Columbia University Press. New York. (as a reference book)

**Dewick, Paul M.** 2002. Medicinal natural products: a biosynthetic approach. Second Ed. John Wiley and Sons, NY.

**Fahn, A.** 1990. Plant Anatomy, 4<sup>th</sup> ed. Pergamon Press, NY.

**Gifford, E. M. & A. S. Foster.** 1989. Morphology and Evolution of Vascular Plants. 3<sup>rd</sup> edition. W. H. Freeman & Company, New York.

**Griffiths A.J.F., Wessler S.R., Lewontin R.C., Gelbart W.M., Suzuki D.T. and Miller J.H.** 2005. Introduction to Genetic Analysis (8<sup>th</sup> ed.). Freeman, NY. Chapters 2, 6-12 & 16.

**Judd, W.S., C. S. Campbell, E.A. Kellogg, P.F. Stevens & M. Donoghue.** 2002. Plant systematics: A phylogenetic approach. 2nd Ed. Sinauer Assoc., Inc., Sunderland, MA.

**Lodish, Berk, Zipursky, Matsudaira, Baltimore, Darnell.** 2004. Molecular Cell Biology, 5<sup>th</sup> ed. W.H. Freeman, NY. Chapters 3,4,9,10,11,12,16.

Molles, M.C. 2008. Ecology: Concepts and Applications, 4<sup>th</sup> ed. (or 3<sup>rd</sup> ed.). McGraw-Hill, NY.

**Randall T. Schuh.** 2000. Biological Systematics: Principles and Applications. ix + 239 pages. Comstock Publishing Assoc., a Division of Cornell University Press, Ithaca and London.

**Raven, P.H., R.F. Evert & S.E. Eichorn.** 2005. Biology of Plants, 7th Edition. Freeman & Worth, New York, NY. **Online supplementary material:**  
<http://bcs.whfreeman.com/raven7e/default.asp?s=&n=&i=&v=&o=&ns=0&uid=0&rau=0>

**Simpson, B.B. & M. Conner-Ogorzaly.** 2001 Economic Botany, 3<sup>rd</sup> ed. McGraw-Hill, NY.

**Sokal, R.R. & F.J. Rohlf.** 1995. Biometry, 3<sup>rd</sup> Ed. WH Freeman, NY.

**Stevens, P. F.** (2001 onwards). Angiosperm Phylogeny Website. Version 7, May 2006 [and more or less continuously updated since].  
<http://www.mobot.org/MOBOT/research/APweb/>

**Taiz, L. & E. Zeiger.** 2006. Plant Physiology, 4<sup>th</sup> edn., Sinauer Associates, Sunderland, MA.  
**Online supplementary material:** <http://4e.plantphys.net/index.php>