

CITY UNIVERSITY OF NEW YORK GRADUATE SCHOOL  
Ph.D. PROGRAM IN BIOLOGY – PLANT SCIENCES FIRST EXAMINATION  
**READING LIST 2006**

- Alberts, B., A. Johnson, J. Lewis, M. Raff, K. Roberts, and P. Walter** 2002  
Molecular Biology of the Cell. 4<sup>rd</sup> ed., Garland Science, New York. Ch. 18,19, 21.
- Cronquist, A.** 1988. The evolution and classification of flowering plants, 2<sup>nd</sup> ed. Pub. Office, NYBG.
- 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.
- 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., Jr.** 2002. Ecology: Concepts and Applications. 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. et al.** 1999. Biology of Plants, 6<sup>th</sup> ed. Worth Publishers, NY.
- 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.
- Stewart, W.N. & G.W. Rothwell.** 1993. Paleobotany and the evolution of plants, 2<sup>nd</sup> ed. Cambridge. Chapters 3, 7-10.
- Taiz, L. & E. Zeiger.** 2002. Plant Physiology, 3<sup>rd</sup> ed. Sinauer Associates, Sunderland, MA.