

References

UNIT VI – Reproduction in Plants

1. **Gangulee, H.C., and Datta, C.,** 1972 College Botany, -Volume 1 New Central Book Agency, Calcutta-9.
2. **Bhojwani, S.S and Bhatnagar, S.P.** 1997. The Embryology of Angiosperms. VIKAS Publishing Housing Pvt Limited, New Delhi.
3. **Rao, K.N and Krishnamurthy, K.V.** 1976 Angiosperms, Publisher S. Viswanathan, Chennai.
4. **Maheswari, P.** 1950. An introduction to the embryology of angiosperms Tata McGraw Hill Publishing Co Ltd. New Delhi.
5. **Pat Willmer,** 2011. Pollination and Floral Ecology, Princeton University Press. USA
6. **Embryology of Flowering Plants Terminology and Concepts.** 2009 Vol. 3: Reproductive Systems (Edited by T.B. Batygina) Science Publishers Enfield (NH) USA.

UNIT VII – Genetics

1. **Anthony J.F. Griffiths, Susan R. Wessler, Richard C. Lewontin, Sean B. Carroll** (2004) *Introduction to Genetics Analysis* 8th Edition, USA: W.H. Freeman & Co. Ltd.
2. **Benjamin A. Pierce** (2010), *Genetics: A conceptual approach*, 3rd Edition, New York
3. **Carl P. Swanson, Timothy Merz, William J. Yound,** *Cytogenetics*, (1965) Eastern Economy Edition.
4. **Carl-Erik Tornqvist, William G Hopkins,** (2006), *Plant Genetics*, New York: Chelsea House publications.
5. **Clegg C J,** (2014) *Biology*, London: Hodder Education
6. **Daniel L, Hartl, David Freifelder, Leon A. Snyder, Jones** (2009), *Basic Genetics*, Bartlett publishers, USA
7. **James D. Watson, Tania A. Baker, Stephen P. Bell, Alexander Gann, Michael Levine, Richard Losick,** (2013) *Molecular Biology of the Gene* – London: Pearson Education
8. **Krishnan, V, N. Senthil, Kalaiselvi Senthil** (2015), *Principles of Genetics*, 2nd Edition.
9. **Leland H. Hartwell, Leroy Hood,** (2011), *Genetics*, 4th Edition, New York: McGraw Hill Companies.
10. **Linda E Graham, James M. Graham, Lee W. Wilcox** (2006), *Plant Biology*, 2nd Edition, Pearson Education, Inc.
11. **Monroe W. Strickberger,** *Genetics* – London: Pearson Education, Inc.
12. **Peter J. Russell** (2003), *Essential Genetics*, Pearson Education, Benjamin Cummings, San Francisco.
13. **Randhawa S.S** (2010), *A Text Book of Genetics*, 3rd Edition, S. Vikas and company.
14. **Rober J. Brooker** (2015), *Genetics*, 4th Edition, London: McGraw Hill.

UNIT VIII - Biotechnology

1. **Alan Seragg** (2010). *Environmental Biotechnology*. Second Edition. Oxford University Press, Oxford, New York.
2. **Bernard R. Glick; Jack J. Pasternak,** Cheryl L. Patten (2010). *Molecular Biotechnology: Principles and Applications of Recombinant DNA*. ASM Press, USA.
3. **Bhojwani, S. S. and Razdan, M. K.** (2004). *Plant Tissue Culture: Theory and Practice*. Elsevier Science.
4. **Bhojwani, S. S. and Razdan, M. K.** (1996). *Plant Tissue Culture Theory and Practice*. A Revised Edition, Elsevier, Amsterdam.
5. **Bimal, C., Bhattacharyya and Rintu Banerjee** (2010). *Environmental Biotechnology*. Oxford University Press, Oxford, New York.
6. **Brown, T. A.** (2007). *Gene Cloning and DNA Analysis - An Introduction*. 6th ed., Wiley-Blackwell, UK.
7. **Chen, Z. and Evans, D. A.** (1990). General techniques of tissue cultures in perennial crops. In: Z. Chen *et al.* (ed.). *Handbook of Plant Cell Culture*. Vol. 6. Perennial Crop. McGraw-Hill Publishing Company, New York.
8. **Dixon, R. A. and Gonzales, R. A.** (2004). *Plant Cell Culture*. IRL Press.
9. **Dubey, R. C.** (2009). *A Textbook of Biotechnology*. S. Chand & Co. Ltd., New Delhi.
10. **Glick, B. R. and Pasternak, J. J.** (2002). *Molecular Biotechnology: Principles and*



- Applications of Recombinant DNA*. Panima Publishers Co., USA.
11. **Gupta, P. K.** (2010). *Elements of Biotechnology*. Rastogi & Co., Meerut.
 12. **Kalyankumar De** (2007). *An Introduction to Plant Tissue Culture Techniques*, New Central Book Agency, Kolkata.
 13. **Morgan, Thomas Hunt** (1901). *Regeneration*. New York: Macmillan.
 14. **Ramawat, K. G.** (2000). *Plant Biotechnology*. S. Chand & Co. Ltd., New Delhi.
 15. **Razdan, M. K.** (2004). *Introduction to Plant Tissue Culture*. Second Edition. Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.
 26. **Smita Rastogi and Neelam Pathak** (2010). *Genetic Engineering*. Oxford University Press, New Delhi.
 11. **Peter Stiling**, (2012), *Ecology Global Insights and Investigations*, New Delhi: Tata McGrawhill,
 12. **Sharma P.D.**, (2018), 13th Edition, *Ecology and Environment*, Meerut : Rastogi Publication.
 13. **Shukla and Handel.C**, (2016), *Plant Ecology*, S. Chand & Company Ltd., New Delhi.
 14. **Singh. H.R.**, (2009), *Environmental Biology*, New Delhi: S. Chand and Company Limited.
 15. **Sir Harry G. Champion, Seth S.K.**, (2005), *The forest types of India*, Natraj Publication, Dehradun.
 16. **Thomas M. Smith, Robert Leo Smith**, (2015), *Elements of Ecology*, England: Pearson Education Ltd.,
 17. **Verma. V**, (2011), *Plant Ecology*, New Delhi: Anu Books Pvt. Ltd.,

UNIT IX Plant Ecology

1. **Chapman J.L. and Reiss M.J.**, (1995), *Ecology – Principles and Applications*, New York: Cambridge University Press,
2. **Dash M.C.**, (2011), 3rd Edition, *Fundamental of Ecology*, Tata McGrawhill, New Delhi.
3. **Eugene P. Odum**, *Ecology*, 2nd Edition, New Delhi: Oxford & IBH Publishing Co. Pvt. Ltd.,
4. **Kochar P.L.**, (1995), *Plant Ecology*, Agra: Ratch Prakashon Mandir,
5. **Madhab Chandra Dash, Sathya Prakash**, (2011), *Fundamentals of Ecology*, New Delhi: Tata McGrawhill,
6. Mannel C. Molles Jr., (2010), *Ecology – Concepts and Applications*, New Delhi: Tata McGrawhill,
7. **Michael Cain, William D. Bowman, Sally D. Hacker**, (2008), *Ecology*, V Publisher: Sinauer Associates, Inc
8. **Misra K.C.**, (1998), *Manual of Plant Ecology*, Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.
9. **Mohan P. Arora**, (2016), *Ecology*, Mumbai: Himalaya Publishers
10. **Peter J. Russel, Stephan L. Wolla, Paul E. Hertz, Cacie Starr, Haventy McMillan**, (2008), *Ecology*, New Delhi: Cengage Learning India Pvt. Ltd.,

UNIT X – Economic Botany

1. **Gopalan C, Rama Sastri B.V, and Balasubramanian S.C.**, (1989) *Nutritive value of Indian Foods* – Revised and updated by Narasinga Rao B.S., Deosthale Y.G., and Pant K.C., Hyderabad; National Institute of Nutrition, ICMR.
2. **Kochhar, S.L.** (2016) *Economic Botany in the Tropics*, (Fifth Edition), Delhi: Cambridge University Press
3. **Simpson, B.B., Ogozaly, M.C.**, (2001) *Economic Botany* (3rd Edition) New York: McGraw- Hill.
4. **Marriyaom H. Reshid**, (2017), *The Flavour of Spices – Journeys, Recipes and Stores*, Hochette India.
5. **Gerrald E. Wickens**, (2001) *Economic Botany Principles and Practices*, Netherlands: Springer.
6. **Rajkumar Joshi**, (2013) *Aromatic and Vital Oil Plants*. New Delhi: Agrotech Press,
7. **Mukund Joshi**, (2015), *Text Book of Field Crops*, Delhi: PHI Learning Private Limited.
8. **Rajesh Kumar Dubey**, (2016) *Green Growth, Eco-Livelihood & Sustainability* New Delhi: Ocean Books Private Limited.