

5. Quadrat and other methods for ground cover assessment, Height-Girth relationships in trees, Canopy cover assessment in a patch of vegetations.
6. Trail / transect monitoring for abundance and diversity estimation of mammals and birds, butterflies (direct and indirect evidences)

Text Book:

1. Caughley, G., and Sinclair, A.R.E. (1994). Wildlife Ecology and Management. Blackwell Science.
2. Conservation Biology: A Primer for South Asia by Kamaljit S. Bawa, Meera Anna Oommen, and Richard B. Primack, Atree and University Press

References:

1. Woodroffe R., Thirgood, S. and Rabinowitz, A. (2005). People and Wildlife, Conflict or Coexistence? Cambridge University.
2. Bookhout, T.A. (1996). Research and Management Techniques for Wildlife and Habitats, 5 th edition. The Wildlife Society, Allen Press.
3. Sutherland, W.J. (2000). The Conservation Handbook: Research, Management and Policy. Blackwell Sciences
4. Hunter M.L., Gibbs, J.B. and Sterling, E.J. (2008). Problem-Solving in Conservation Biology and Wildlife Management: Exercises for Class, Field, and Laboratory. Blackwell Publishing.

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General Electives

[GEC offered by the Dep. of Zoology are for the students studying with other (i.e. not offered by the dept .of Zoology) honours level core courses]

Same as offered as core courses for the BSc general students

ZOOHGEC01T: Animal Diversity	
Theory (Credits 4)	Class
Unit-1 Kingdom Protista	
General characters and classification of Subkingdom Protozoa up to Phylum (Levine et al., 1980); Locomotory Organelles and locomotion in Protozoa	3
Unit-2 Phylum Porifera	
General characters and classification up to classes; Canal System in <i>Sycon</i>	3
Unit-3 Phylum Cnidaria	
General characters and classification up to classes; Polymorphism in Hydrozoa	3
Unit-4 Phylum Platyhelminthes	
General characters and classification up to classes; Life history of <i>Taenia solium</i>	3
Unit-5 Phylum Nematoda	
General characters and classification up to classes; Life history of <i>Ascaris lumbricoides</i> and its parasitic adaptations	3
Unit-6 Phylum Annelida	
General characters and classification up to classes; Nephridia in Annelida	3
Unit 7 Phylum Arthropoda	
General characters and classification up to classes; Vision in insect, Metamorphosis in Insects	5
Unit-8 Phylum Mollusca	
General characters and classification up to classes; Respiration in <i>Pila</i>	3
Unit-9 Phylum Echinodermata	

