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The Introductory chapter deals with the work and life of Allan Campbell who proposed in 1962 a model for integration of λ prophage into the bacterial chromosome. The readers of *Biologia Plantarum* may find interesting the reviews: "Epigenetic control of centromere behavior" (K. Ekwall), "The origin and establishment of the plastid in algae and plants" (A. Reyes-Prieto, A. P.M. Weber, D. Bhattacharya), "Biotin sensing: universal influence of biotin status on transcription" (D. Beckett), "Mendelian genetics of apomixes in plants" (P. Ozias-Akins, P.J. Van Dijk), and "Orthology and functional conservation in eukaryotes" (K. Dolonski, D. Botstein). Other reviews covered in this volume: "Bacterial gene regulatory networks", "SNA12 function in humans and mice", "Cell turnover and adult homeostasis", "Immunoglobulin somatic hypermutation", "Specificity in two-component signaling" "Chromosome fragile sites", "Genetics of

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