

Handbook of Molecular Systematics of Plants

Plant molecular systematics is a branch of biology that focuses on using tools from genetics like PCR and DNA sequencing to address questions of evolution and biogeography in plants. Molecular biology has revolutionized the field of systematics. DNA evolves by mutations being incorporated in the DNA and fixed in populations. This will lead to divergence of DNA sequences in different species. Although diverged, we can refer to two DNA sequences as homologous. The book blends information on classical fundamental aspects with recent developments especially in the field of molecular systematics, cladistics and computer identification. This will be an important handbook for students and teachers of biology and biotechnology.

About the Editor

Conrad Stewart is an evolutionary biologist with wide ranging interests in molecular ecology, evolution, population genetics and phylogenetics. He is Associate Professor of Molecular Systematics at University of Maryland. He has a PhD in Parasite Systematics from University of Bristol and MSc in Applied Biology from Liverpool Polytechnic. He is currently Associate Professor of Molecular Systematics, School of Biosciences at University of Exeter. He is member of Editorial Board of Journal of Evolutionary Biology and Journal of Zoological Systematics & Evolutionary Research.



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ISBN 978-1-78163-608-4

