

## MOLECULAR METHODS FOR PLANT TAXONOMY

Vinay M. Raole\* and Nagesh Chirumamilla

Department of Botany, Faculty of Science  
The Maharaja Sayajirao University of Baroda, Vadodara-390002  
Email: [vinaysar@rediffmail.com](mailto:vinaysar@rediffmail.com)

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**Abstract:** Molecular systematics is the use of molecular genetics to study the evolution of relationships among individuals and species. The goal of systematic studies is to provide insight into the history of groups of organisms and the evolutionary processes that create diversity among species. There are two separate tasks to which DNA specificity is currently being applied. First one DNA data used to distinguish between species which is equivalent to species identification and the second one to discover new species. The aim of this review is to present the techniques that are available to a taxonomist to complement the conventional field methods of identification and delineation of plant species.

**Keywords:** Genetic diversity, PCR, AFLP, DNA Barcode

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\*Corresponding Author

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