**IN VITRO PROPAGATION OF ECONOMICALLY IMPORTANT SOME INDIAN HIMALAYAN MEDICINAL PLANT SPECIES FOR CONSERVATION AND COMMERCIALIZATION**

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Abstract: Medicinal and aromatic plants form an integral and essential part of the lives of hill communities, and the inhabitants depend on these plants for their use. These plants are well known source of active principles in Ayurvedic, Unani and other traditional systems of medicines. Being source of many high value drugs, and ever increasing global demand for the “naturals”, these species are being subjected to reckless, often illegal harvesting, well beyond their natural regeneration capacity. This has led to many species being listed in the Red Data Book or/in various threat categories of International Union for the Conservation of Nature and Natural Resources (IUCN). In order to face such challenges, biotechnological tools (in vitro propagation) can be used for rapid multiplication of elite clones to provide the much needed planting material for cultivation, and thus help in achieving the overall goal of conservation. The present paper deals in with the in vitro method being applied for some selected medicinal plants of Indian Himalayan Region (HR).

Keywords: Conservation, Medicinal Plants, Propagation

REFERENCES


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