TRADITIONAL KNOWLEDGE SYSTEM: AS ESSENTIAL OF CONSERVATION STRATEGIES OF SWERTIA CHIRAYITAIN UTTARAKHAND

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ABSTRACT

In India, Uttarakhand is a state which is rich in medicinal plant bioresearches and has one of the rishest plant based etho medical traditions. out of rich biodiversity of Uttarakhand(India) Swerita chirayita is a medicinal plant indigenous to temperate Himalayas. But existing population of chirayitaare diminishing due to the unsustainable harvesting from wild and destruction of its natural habitat, which lead to a decline in number of plants and in some places, extinction of natural populations. This report focuses on the fact that not only the conventional methods and biotechnological tools alone can come over this problem as there are limited to various factors but there is a need of synchronized effort to incorporate the traditional knowledge system into these programmes. This study attempts to assess the important of documenting traditional knowledge and practice related to conservation and sustainable utilization. It reveals that along with the biotechnological intervention, traditional knowledge system and practices are equally important in conservation strategies not only for this plant but for medicinal plant of Uttarakhand.

Key words: Traditional Knowledge, System Swertia Chirayita, Conservation Strategies, In Vitro Propagation

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