

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

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Received: 10.08.2010

Revised 28.09.2010

Accepted: 15.10.2010

ABSTRACT

In India, Uttarakhand is a state which is rich in medicinal plant bioresarches and has one of the richest plant based etho medical traditions. out of rich biodiversity of Uttarakhand(India) *Swertia chirayita* is a medicinal plant indigenous to temperate Himalayas. But existing population of *chirayita* are 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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