

Distribution, Population Status and Potential Threats to Extinction of some Selected Medicinal Plants of J&K State

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Abstract—*Biodiversity threats including over exploitation, over grazing, habitat modification, climate change, invasive species, restricted distribution etc. has put a pressure of extinction on the medicinal plants growing in Himalayan range of Jammu and Kashmir. An extensive survey (herbarium and field) were carried out in three regions of State and target plant species have been collected from new 36 sites and 22 sites from herbarium studies. The present study revealed that the selected plant species has been subjected to multiple threats and twelve (12) different types of threats have been recorded. In current study area the selected plant species have less than 1500 mature individuals each, except Acorus calamus which has 2529 mature individuals growing at different sites. It has also been observed that these plant species are growing scarcely in the study area, forcing the plants to go extinct in near future.*

Keywords: *Field survey, multiple threats, mature individuals, medicinal use.*