



Study on Some Threatened, Rare and Endangered Plant's Species in Reserve Forest Area of Jhunjhunu District, Rajasthan

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Abstract: An extensive field survey of the Beed Jhunjhunu was conducted to reveal the many threatened, rare and endemic plants, which were used by rural people and local vaidya for the medicinal treatment and their daily needs. A total of 325 species of flowering plants including one gymnosperm were documented from the study area. Among the founded 38 species were rare, endemic and threatened, 14 species were found to be medicinally use from the area. The threatened, rare, endemic status of the plant's species were confirmed with IUCN Red List and other standard publications on rare and threatened taxa of the country. The rare, endemic and threatened categories listed in Red Data Book, those struggling for survival in their natural habitats due to enormous anthropogenic activities such as overgrazing, habitat fragmentation, illegal harvesting, over exploitation of economically important plants, smuggling of plant's and encroachment by nearby local community, pollution due to sewage and dumping of solid waste, alien species invasion, deforestation and unplanned developmental activities at study area. Endemic and rare species of the area are more vulnerable than widespread species because they occupy small geographic ranges and specific habitats. Due to destruction of habitat, so many plants' species have been depleting from this area since last few decades.

Keywords: Jhunjhunu Beed, Endemic, Rare, Threatened, Threats
