



MINOR FOREST PRODUCES (BIDI WRAPPING AND GUMS) OF BUNDI DISTRICT: A CASE STUDY OF PRESENT STATUS

O.P. Sharma¹, Zuber Khan²

¹P.G. Department of Botany, Govt. College, Bundi (Rajasthan)

²P.G. Department of Geography, Govt. College, Bundi (Rajasthan)

ABSTRACT

The present work deals with status of minor forest produces in Bundi district with special reference to Bidi leaves collection and gums production. The studies have been conducted by extensive survey of the area during March 2014 to December 2016.

Key word: *Diospyros melanoxylon*, Forest, Gums, Timber.

I. INTRODUCTION

A considerable amount of the work on the floristics in different region of Rajasthan has appeared [1, 2, 3, 4, 5,6]. The studies related to present work of this area are not available. A Floristic exploration was carried out to record the present status of minor forest products in this area. Bundi district is a part of Haroti plateau which forms the south-eastern region of Rajasthan state. It is situated in 24°59'11" to 25°53'11" north latitude and 75°19'30" to 76°19'30" east longitudes. The dominant tree and shrub species of the area are *Acacia catechu*, *Acacia leucophloea*, *Anogeissus pendula*, *Butea monosperma*, *Holoptelea integrifolia*, *Lannea coromandelica*, *Manilkara hexandra*, *Mitragyna parvifolia*, *Terminalia arjuna*, *Wrightia tinctoria*, *Adhatoda zeylanica*, *Balanites aegyptiaca*, *Grewia flavescens*, *Capparis sepiaria*, *Capparis decidua* and *Ziziphus nummularia*.

II. MATERIAL AND METHODS

The study is based on field survey of the different locality of Bundi district, south-east Rajasthan. To record the statistical data about the present work area were visited during 2014-16.

The soil varies from sandy to clayey loam with pH values ranging from 5 to 9. The average rainfall of the area is 52.46 cm. Status of non timber forest products in study area (Bidi wrapping and gums) are presented in a table in this paper.

III. RESULTS AND DISCUSSION

The present study deals with status of non timber forest products in Bundi district with special reference to Bidi leaves collection and gums production. The non timber forest products of area are 'Tendu' leaves (Bidi making), 'Dhak'/'Khakhara' leaves (Pattal-Dona making), gums, honey, fruits, grass, fodder, leaves of Khajur (Broom making), medicinal herbs and Shrubs etc. Among these minor forest products 'Tendu' leaves (*Diospyros*



melanoxyton) extracted departmentally where as others are collected by local people on contract, auctioned or by rural forest management samiti.

The economy and livelihood of rural people depend to a large extent on the resources of area. Major sources of revenue obtained through non timber forest product in study area from leaves of *Diospyros melanoxyton* and *Butea monosperma*, fruits of *Mangifera indica*, *Syzygium cumini*, *Tamarindus indica* and *Manilkara hexandra*, Gums of *Acacia catechu*, *Acacia nilotica*, *Anogeissus pendula* and *Sterculia urens* and Honey. Status of non timber forest product (Bidi wrapping and gums) in study area are given in table-1.

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TABLE- 1 Status of main Non Timber Forest Products in study area.

(Bidi wrapping and Gums)

S. No.	Non Timber Forest Products	Sources of plant species	Habitat	Method of collection	Type of destruction	Current status
1.	Tendu-Leaves	<i>Diospyros melanoxyton</i>	Hilly	Pruning of tree, collection of leaves, sundry	Insufficient operation	Less production
2.	Gumes of Kadya Salar Gurjan Babool Khair Dhok	<i>Sterculia urens</i> <i>Boswellia serrata</i> <i>Lannea coromandelica</i> <i>Acacia nilotica</i> <i>Acacia catechu</i> <i>Anogeissus pendula</i>	Hilly/Slopy Hilly Hilly/Slopy Plains Hilly/plains All localities	Blazing the stems	Over exploitation of Gum	Health of trees hampered