

ETHNOBOTANICAL SURVEY OF SOME COMMON MEDICINAL PLANTS FROM PARBHANI DISTRICT

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INTRODUCTION

Parbhani district is one of the important district of marathwada region, surrounded by Balaghata hill ranges and Ajanta hill ranges have rich biodiversity of medicinal plants. Most of the people have traditional, self developed system of folk medicine. The art of herbal healing is deeply rooted in Indian culture, Peoples depends on folk medicine for primary health care according to these peoples the herbal medicines are enough for treating their health problems so depends upon vaidyas even today. In these communities the knowledge of medicinal plants and their uses has been transmitted from generation to generation through verbal means and is mostly restricted to aged peoples of the communities and vaidyas . The current paper deals with the ethnomedicinal survey of some common medicinal plants from Parbhani District. During the survey 20 common medicinal plants have been recorded and documented which are frequently used in all area of Parbhani district. (Table 1).

MATERIAL AND METHODS

The survey was undertaken during yr.2018-2019 in different villages of Parbhani district. The information was collected during these field trips on the basis of interviews and semistructured questionnaires to the local peoples and vaidyas. The collected information was used to construct a list of ethnobotanical medicine (table 1). The plants collected during visits were brought to Department of Botany , Shri.Shivajicollege Parbhani, identified with different floras – Cook L H (1967), Naik V N (1998) and made into herbarium, deposited into departmental herbarium for ready reference .The medicinal information collected was confirmed with standard literature from the text on medicinal plants Chopra R N et al (1956),Jain S K (1991),Kirtikar K R and Basu B D (1933),Naik V N (1998).

Table 1- Ethnobotanical information of some common medicinal pants collected in yr 2018-2019.

Sr. No.	Vernacular name	Botanical name	Family	Ethnomedicinal uses	Medicine source
1	Gunj	<i>Abrus precatorius L.</i>	<i>Fabaceae</i>	Fever, Cough & Cold, Jaundice	Leaves & Root
2	Pitari	<i>indicum Abutilon (L) Sweet</i>	<i>Malvaceae</i>	Tonic, boils, jaundice,piles	Leaves, seeds & root
3	Babhul	<i>Acacia nilotica(L.)</i>	<i>Mimosaceae</i>	Tonic,joint pain	Gum, bark & wood
4	Korphad	<i>Aloe barbadensis L.</i>	<i>Liliaceae</i>	Piles, Fever ,Skin diseases,Hair treatment	Leaves &Root

5	Piwla Dhotra	<i>Argemone maxicana L.</i>	<i>Papaveraceae</i>	Tonic, body heat,catract	Root, whole plant, latex
6	Kadu limb	<i>Azadirachta indica</i>	<i>Meliaceae</i>	Tooth brush,blood purification ,skin diseas	Leaves,branches
7	Shatavari	<i>Asparagus racemosus (Willd)</i>	<i>Liliaceae</i>	Tonic,constipation ,stomach pain	Roots
8	Mohri	<i>Brassica nigra L.</i>	<i>Brassicaceae</i>	Headache,tooth ache,rheumatism	Whole plant, seeds
9	Punarnava	<i>Boerhavia diffusa(L) Hook</i>	<i>Nyctaginaceae</i>	Jaundice, diuretic	Roots, Whole Plant
10	Panfuti	<i>Bryophyllum pinnatum</i>	<i>Crassulaceae</i>	Renal problems,skin diseases	Leaves
11	Ruchki	<i>Calatropis procera(Ait) R.Br.</i>	<i>Asclepidaceae</i>	Jaundice ,boils	Bark,latex & leaves
12	Takala	<i>Cassia tora(L)</i>	<i>Caesalpinaceae</i>	Kidneystones,skin diseases	Seeds &fresh leaves
13	Amlatas	<i>Cassia fistulosa L.</i>	<i>Caesalpinaceae</i>	Tonic,Jaundice	Leaves&seeds
14	Kali musali	Curcilago orchids Gaertn.	<i>Hypoxidaceae</i>	Jaundice,Tonic	Tubers
15	Dhotra	<i>Dhatura metel</i>	<i>Solanaceae</i>	Asthma,T.B,Rheumatic pain	Leaves &seeds
16	Maka	<i>Eclipta alba Hassak</i>	<i>Asteraceae</i>	Jaundice,hair tonic	Root & leaves
17	Pimple	<i>Ficus religiosa L.</i>	<i>Moraceae</i>	Laxative , cooling, fertility	Leaves, bark & fruits
18	Tulsi	<i>Ocimum sanctum L</i>	<i>Lamiaceae</i>	Fever,skin diseases,indigestion	Whole plant, leaves & seeds
19	Sarata	<i>Tribulus terrestris L</i>	<i>Zygophyllaceae</i>	Tonic, renal diseaes	Seeds & whole plant
20	Aswagandha	<i>Withania somnifera Dunal</i>	<i>Solanaceae</i>	Tonic,Diuretic	Roots & Whole plant

RESULT AND DISCUSSION

From the ethnobotanical survey of medicinal plants from Parbhani district 20 common medicinal plant species belonging to 18 families commonly used for treating common alimensts and their uses have been recorded in the present paper. The collected specimens were deposited in departmental herbarium of Shri Shivaji College, Parbhani for ready reference.

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