

Some Indegenus and Medicinal Plants of Sagar Region

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ABSTRACT

The paper includes a list medicinal plants of Sagar region. A survey was conduct indigenous medicinal plants around Sagar, in tropical dry deciduous forests.

A total number of 10 species were collected belonging to 09, families, out of these 04 Herb, 04 shrubs and 02 trees were classified. These plants species are used traditionally as indigenous medicines in many diseases. Habit, local name, family, botanical name and medicinal uses are described and discussed.

Key words: Indigenous, medicinal, Central India, Tropical dry deciduous forest.

INTRODUCTION

Man has always been dependent upon the plant more then any other thing since the development of civilization. Man's life has always been intensively connected with plants and .the nature surrounding him, plants play very useful role in human life and also animals life, for every basic need, like food, fibre, fuel cloths, medicine etc. man is dependant on plant. Harshberger (1895) was the first man has develop the term "Ethnobotany", this branch is very useful branch or science, we can called ethnobotany is a study of plants in relation to human being the term "Ethnomedicine" has been used lately to define the medicinal uses of plants in relation to human being. Wild and cultivated plants have known to be used by humans over generations by practice and experience, in India various traditional systems of medicine, namely Ayurveda, Unani, Yoga, Naturopathy, Chines, Sidha, Homespthy etc. are in practice.

Ancient Hindu were well informed regarding the medicinal uses of various plants to cure different diseases. Rigveda and Atharvaveda, Samhita contain valuable informations about the ethnobotanical and ethnomedicinal uses of plants. Ayurveda is almost a system of medicine based on some fundamental principles as in the modern world i.e. pharmacology, therapeutics etc. Mostly drugs are made in plants products, many parts of plants use in medicine such as root, leaf, stem, flower, bark and roots we can say that every parts of plants use in human medicine and animals medicine are also made in plants products. Some plants are very useful medicinal plants hole plants are

use in medicine such as *Oscimum sanctum*, *Azadiracta indica*, *Withania somminfera*, *Dathura* species etc. (Kirtikar and Vasu, 1955).

Firstly Charack and Sushruta mentioned about 700 plants as therapeutic agents. Rigveda (450-1600 B.C.) also described many plants use in medicines. Every plants are important and use in medicinal purpose in India 35,000 plants use in medicine and other property in present time we can say that plant is very useful not only their medicinal use, their other products are very important of us and our life and we are totally dependent plants and plants products.

SURVEY

The present study was carried out at selected area around Sagar, area was Sagar University and Patheria hills. Sagar district is situated in the extreme North-West corner of Madhya Pradesh and is almost centrally located in the country. The district lies between 23°10' and 24°10'N latitudes and 78°40' and 79°21'E longitudes. It stands over a hilly tract at an average height of 583 meters above mean sea level. One third area of a district is covered by forests of tropical dry deciduous type (Champain and Seth, 1968). A survey has been done to find out local medicinal plants their occurrence and distributions. These plants are listed and briefly described for their vernacular names, scientific names, medicinal parts, medicinal uses and flowering season.

MATERIAL AND METHODS

A survey has been conduct in different seasons viz. summer, winter and rainy collected plants and listed them. A literature survey has been also done from many at authors books (Chopra, 56, 68, Kirtikar and Basu, 1935) etc.

RESULT AND DISCUSSION

A total number of 10 plants species has been observed which have been reported. These species consists of tree, herbs and shrubs belonging to 09 different families. There was 04 herbs, 04 shrubs and 02 tree species, different parts of these plant species are use in many diseases for medicinal purpose. These plants are found a large area in Sagar and around places. *Argemone maxicana* use in jaundice and skin diseases, *Calotropis procera* use in *Dropsy dysentery* and other diseases *Scilla indica* use in paralysis and asthma, *Thevetia nereifolia* use in skin and ulcers diseases, *Rauwolfia serpentine* use in blood pressure and snake bite treatment, *Withallia somminfera* use in asthma and bronchitis diseases, *Abrus precatorius* use in fever problems, *Eleodendron glaucum* use in antidiabetic and *Acorus gramineus* use in antiplasmodic properties. These plants are very useful for their medicinal uses.

ASPECT OUTCOME OF THIS WORK

Medicines are very useful for humans and animals, so this work is very important. Many diseases are very dangerous for us and their treatment is possible only

plants part are products. The present study will produce a base line data of useful medicinal plant in local region, further properties of different plants expected to different extent will help the local people and botanist.

References

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