

A REVIEW: MEDICINAL PLANTS IN DESERT (RAJASTHAN)

Harshita Bohra, Shyam Sunder Meena and Tansukh Barupal

S.B.K.Govt. P.G. College Jaisalmer

Abstract: This paper deal with the Medicinal Plants that are found in Desert and uses of plant and their function to make anti-drugs against disease. Plants or Herbal medicine without have any side effect thus gaining the increase faith. People are still using plants as medicinal purpose. Plants traditionally use in ancient time. Different parts of plants are used for making different medicine for several disease. In this type we gave specific term Ethanobotany. In Ethanobotany we study the medicinal plant uses by people. So we can say that plant and people have relationship between them.

Keywords: Herbal medicine, Anti drugs, ancient time, Ethnobotany, traditionally.

INTRODUCTION

Ethanobotany term is given by Harshberger in 1895. he indicate that plants used by tribal peoples. Ethano means - Study of People, And Botany means - Study of Plants and the term deal with the study of relation plant and human and their effect on environment. Rajasthan is the largest state of India. Rajasthan has rich in Biodiversity consisting large number of plants and some use as medicinal purpose and located at North-western part of India between 23°3' and 30°12'N latitude and 60°30' and 78°17' longitude. Area of about 342239 Km square. An extension survey of Southern part of Rajasthan including Chittorgah ,Udaipur, Banswara, Dungarpur made to document ,traditional knowledge of medicinal plant used by tribal community (Meena and Yadav 2010).

We can say that History of medicinal plants is along as History of Human on earth. Plant posses remedial properties or bring into play beneficial role in pharmacological effect on Human body. In Rigveda,Athurveda, Purana , Vaidhyak, Ayurveda, Shastra in that time plants are use as medicinal purpose. In Ramayan , Mahabharat we read about the plants that uses as medicine and also In Ayurveda has said , All Plants have the some specific properties so they are not useless they are use in several ways. When mordern drugs or medicine are not present then they uses plants and they have fine information about the plants like which part of plants is use-full for which disease and in ancient plats used for treatments of several diseases like skin disease, diabetes,digestive system,rheumatism , Alzheimer etc. Small hilly area or few mountains peaks among the vast dry arid land of Rajasthan have great Phytographic significance.(ISBN81-7100-696-8@Alka Awasthi). Plants that used medicinal area they have some specific properties or chemical substances like Alkaloids, Steroids, Phenolic compounds, Terpenoids, Resin, Latex, Glycoside,Gums etc.

Uses of Plants In Medicinal purpose

Some plants are listed below in Table:

In this table Scientific Name, Common name, parts of plants which uses and disease they cure.

S.No	Scientific Name	Family	Common name	Plant parts	Disease
1.	<i>Asparagus racemosus willd</i>	Asparagaceae	Shatavari	tuber	Acidity, leucorrhoea,Anorexia, Petic ulcer, Reumatoid arthritis
2.	<i>Barleria prionitis</i>	Acanthaceae	Bajradanti	leaves	Chewed to treat body ache ,tooth ache, Pyorrhoea and check pus formation in ear..
3.	<i>Calotropis procera</i>	Asclepiadacea	Aak	Leaf, Root	Asthma,cold,cough, Malaria,Migrant,swelling,scorpion bite,gynostegium
4.	<i>Azadirachta indica</i>	Meliaceae	Neem	Leaves,St em,Bark	Malaria,Lice kill,Insecticide, Ulcer,skin problem
5.	<i>Prosopis cineraria</i>	Fabaceae	Khejari , Kind of desert	Leaf,seed ,stem	Skin disease
6.	<i>Derris indica</i>	Fabaceae	Karanj	Whole plant	Ulcer, bleeding piles, beri ,Leucoderma,bronchitis
7.	<i>Cannabis sativa</i>	Cannabaceae	Marijuana Bhang, Ganja	Leaveseed	Piles,spasms,loss of appetite,depression.asthma, pain
8.	<i>Bombax ceiba</i>	Bombacaceae	Semal	Gum ,lea ves,root ,	Skin disease, toxic for children ,diuretic

				bark	
9.	<i>Catharanthus roseus</i>	Apocynaceae	Sadabahar	leaves	Bleeding wound,Acne,Eczema
10.	<i>Cissus quadrangularis</i>	Vitaceae	Safed Musli	Tuber,root	Anemia,rheumatism ,fertility,vitality
11.	<i>Commiphora wightii</i>	Burseraceae	Bhandari	Bark,gum	Fewer,cold,cough,infusiion on wounds.
12.	<i>Delhergia sissoo</i>	Fabaceae	Shisham	Stem	Blood dysentery,Gonorrhoea
13.	<i>Accia nilotica</i>	Mimosaceae	Babul	Leaf,stem	Toohache
14.	<i>Cassia fistula</i>	Caesalpinaceae	Amaltas	Fruit	Laxative
15.	<i>Senegalia catechu</i>	Fabaceae	Khair	Bark,flower	Gonorrhoea , dental ,gum , Sore throat
16.	<i>Pithecellolum</i>	Mimosaceae	Pardesi amla	stem	Anermia
17.	<i>Nyctanthus arbor</i>	Oleaceae	Harsingar parijat	Leaf bark	Joint pain, cough,cold, Sciatica,anti stress tea
18.	<i>Aegle marmelos</i>	Rutaceae	Bel,bilva	Fruit leaf	Fewer,diabetes, tuberclosis, diarrhea,constipation, dyspepsia
19.	<i>Justicia adhatoda</i>	Acanthaceae	Adusa	Leaf root	Cough,cold,asthma,tonsilitis
20.	<i>Ocimum tenuiflorum</i>	Lamiaceae	Tulsi	leave	Malaria,coldcough,skin disease, wound ,itching, insect bite
21.	<i>Aloe vera burm.f.</i>	Xanthorrhoeaceae	Guvarpatha Giritkumari	Leaf pulp	Skin ,hair fall, burn,constipation,digestive, Obesity,digestive disorder , stomachache
22.	<i>Withania somnifera</i>	Solanaceae	Ashwagandha	Leaf root	Fever, rheumatic pain, Atopic dermatitis
23.	<i>Tinospora cardifolia</i>	Menispermaceae	Giloy, Gujro, Amrit bel	Stem, leaf	Jaundice,dengue,diabetes, fever,Pneumonia, Leucorrhoea
24.	<i>Tecomella undulata</i>	Bignoniaceae	Rohida, Marwar teak	Bark, Stem leave	Tumour.gonorrhea,hepatitis, spleen diseases, wound healing

CONCLUSION:

In this review paper we learn several medicinal plants which found in desert area need less water(xerophytic area). Tribal people using plants as medicinal way from lonf period of time. In Rajasthanare many plants are useful and people ear it and even they did not know about the medicinal value of that plant. Early people have knowledge how to cure disease from plant and they also have knowledge about the disease. In village still people use this type of medicine and also ayurved clinic are open their. Old people was familiar with the symptoms and sign of various diseases and ill condition and claim to cure. Still researcher research on the medician plantand In pharmaceutical, biomedical,medical science, they are research in lab and make medicine with help of plants. And also Rjasthan government start Ghar ghar Aushadhi Yojana to help the people and aware about the natural / plant medicine .

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