

Medicinal Plants (wild) of RF-87 Region Dahkoni (Janjgir C.G.) and Their Uses in Various Diseases

Abstract

In this study of medicinal plants, RF -87 region DAHKONI is selected as study area. Which is situated on the north east of Janjgir district in CG. It consists of seven villages; i.e. Jarwe, Uslapur, Auraikala, Khoha, Pachgawan, Ponch and Rasota. The land of this region is a rich heritage of herbal medicinal plants and mostly inhabited by tribes and backward classes of people. The survey was conducted during 2014.015. The study was based on taking personal interview with tribals, baiga and Vaidyarajs.

The paper recorded 50 medicinal plants occur commonly in RF-87 in forest region used by tribes and rural people for remedies to cure their various diseases.

Keywords: Medicinal plants, Rf-87 Dahkoni (Janjgir C.G.), Diseases.

Introduction

The branch of medical science which deals with the drug plants is known as pharmacology. This science is concerned with the history, Collection, selection, Identification and preservation of crude and raw materials. The use of medicinal plants is as old as human civilization. There are several thousand drugs yielding plants all over the world. Most of the plants are known and utilized by Ayurvedic Vaidvyas. Only a few drug plants are cultivated. These drug yielding wild plants are popularly known as Jari-Butis. Most of the supply of drugs is obtained from wild plants growing in all parts of world especially in tropical region.

The flora of Chhattisgarh region is a rich heritage of herbal medicinal plants especially for the tribals, who live in dense forest; and still depend upon medicinal plants rather than commercial medicines. Use of plants in medicine is very prevalent in RF-87 region. This region included seven villages. This region is rich in its vegetation and natural resources. Ethno-medical information's were also acquired from the village medicine man; i.e. Guniyas, Vaidyas, Ojhas, other knowledgeable and experienced Kol, baiga Gond Khairwar Dhnuhar Agariya tribes. They utilizes different Plant parts such as; root, leaves, seeds, flowers, fruits. Lactax bark etc. in various ways to cure various human ailments. The details of ethno-medical information are given in table.

Study on Ethno

Medicinal use of plants of RF-87 Dahkoni reported by jain S.K. 1981, Oommachan et. all 1991; Tiwari et. all 1996; Khan & Khan 1997; Khan et. all 2000, 2003; and Kumar & Goel 1998.

Methodology

Medicinal plants was collected during 2014-15 in flowering period through out the year in the region. The plants were identified with the help of floras (hooker it all 1872-1897 and Duthie, 1973) The ethno- medicinal importance of the plants was obtained from tribals & rural people of RF-87 region.

Observation

During this survey as many as 50 medicinal plants were collected. A brief account list of medicinal plants are arranged Alpha batically with their local name, families, along with plant parts used in various diseases. The details of ethno- medicinal information are given in following table.

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S. No.	Plants Name	Family	Plant Parts Uses	Name of Diseases
1	Acacia catechu (Lf) Wild khair	Mimosaceae	Bark	Abortifacient, Diarrhoea, leucorrhoea
2	Acacia nilotica (L) Dei.ssp.Bamoor	Mimosaceae	Bark	Chronic dysentery
			Gum	Burns, Diabetes
			Stem	Tooth brush,
3	Acalpha indica L. (Kupi)	Euphorbiaceae	Whole plant	Asthama, Cough, Scabies, Ringworm
4	Aconitum hetero phyllum	Amaranthaceae	leaves	cough, cold, colic, burns, snake bite
			Root & Bark decoction	Asthama, Cough, Scabies, Ringworm
5	Acorus Calamus L. (Bach)	Araceae	Rhizome	chronic, rheumatism, abdominal pain,
6	Aegle marmelos (L.) corr.(Bel)	Rutaceae	leaves	Fever Diabetes, jaundice, bronchities
			Fruits	Diarrhoea, Dysentery tonic & laxative
			root and bark	Fever, stomach disease
7	Aloe burbadensis Mill.(Ghee kumar)	Liliaceae	leaves	Burns, wounds, constipation, fever
8	Alstonia scholaris(L.) Br. (chitwan)	Apocynaceae	Bark	Chest pain, skin dieases, snake bite
9	Andropogon muricatus Roxb.(khas)	poaceae	Root	fever, inflammation, stomach disoders
10	Argemone mexicana L.(pili Kateri)	Papavaeraceae	Latex	Eye complain, jaundice conjunctivities
11	Asparagus racemosus Willd. (Satawar)	Liliaceae	Root juice	Rheumatism, Diarrhoea, blood in urine
12	Azadirachta indica Juss.	Maliaceae	leaves	Antipyretic, blood purifier, Insect repellent
			Bark	Eczema
			Stem	toothbrush
13	Butea monosperma (Lark.) (Cheola)	Fabaceae	Leaves	Boil, Dynsentry, sore throat, pimples
			Flower	Antifertility, diabetes, swelling
			Bark	Bonefacture, Diarrhoea
14	Buchanania lanzan Spr. (Chironji)	Anacardiaceae	Bark	Cuts, skin diseases, Hair grow,
			Leaves	Snske - bite, Wound,
15	Bombax malabaricum DC.(Semal)	Bombacaceae	Leaves	Glanduler, swelling, Antifertility.
			Gum	Menorrhoea, Dysentery,
			Flower	Sex weakness, Conjunctivitis
			Bark paste	Acne, pimples, inflammation, blood need
16	Barleria acanthoides Vahl.(Bajradanti)	Acanthaceae	Stem	Toothbrush,
17	Bacopa monnieri L. (Brahmi)	Scrophulariaceae	Whole plant	Nervine tonic, Eczema, Ring worm
18	Boswellia serrata Colebr. (Salai)	Burseraceae	Gum	Skin diseases, Ulcer, Sores,Rhümetism
			Root & stem	Hair grow, pulmonary, disorder, snake bite
19	Calatropis procera Br. (Madar)	Asclepiadaceae	Root Bark	Fever, Asthama, Swelling, Elephantiasis
			Latex	Dropsy, toothace, Wound

20	Cannabis sativa L. (Bhang)	Cannabinaceae	Leaves	Appetiser, Bowel complaints, Gonorrhoea
21	Cassia tora L. (Chakaunda)	Caesalpiniaceae	Seeds	Eczema, skin wash, Jaundice
			leaves	Bonefracture, Cuts, Intestinal
22	Cuscuta dactylon L. Pers. (Doob)	Poaceae	Whole plant	Skin diseases, Burns, Wound
23	Datura metal L. (Kala- Dhatura)	Solanaceae	leaves	Asthma, Artharitis, Bronchitis
24	Desmodium triflorum DC.(Seetalha)	Fabaceae	leaves	Health tonic , Wound, Dysentery
25	Enicostema hysopifolium (Willd.) Damdami	Gentianaceae	Whole plant	Fever, snake-bite, ulcer
26	Fecus bengalensis L. (Bargad)	Moraceae	Latex	Physical health tonic, constipation
27	Ficus religiosa L. (pipal)	Moraceae	Bark	Boils,Ulcer, Whooping cough, Scabies
			leaves	Gonorrhoea, skin diseases
28	Flacourtia indica (Burm. F.) Merr. (Kataiya)	Flacourtiaceae	leaves	Digestive disorders, Snake bite
			Bark	Gout., Dysentery, piles
29	Grewia hirsuta Vahl. (Gursakari)	Tiliaceae	Root	Spermatorrhoea, Cuts , Headache
30	Glycyrrhiza Glabra Hook.(Muahthi)	Fabaceae	Root	Sore throats, Asthma, Horseness of voice,
31	Holarrhena antidysenterica Wall	Apocynaceae	Seeds	Woem, Asthama, Haemorrhoids
			Bark	Dysentery, Diarrhoea
32	Indigofera Linifolia (L.f.)Retz. (Bakereya)	Fabaceae	leaves	Fever
33	Justicia adathoda L. (Arusha)	Acanthaceae	Flower	Ophthalmia, Gonorrhoea
			leaves	Haemoptysis, Asthma
34	Jatropha Curcus L. (Randvijor)	Euphorbiaceae	Latex	Cancer, Tooth trouble
			Seeds	Purgative, Rheumatism
			Stem	Wound, Dental problem
35	Leucas aspera Spr. (Gumi)	Lamiaceae	leaves	Antiseptic, Constipation, Fever, Skin diseases
36	Madhuca indica Gmel. (Mahua)	Sapotaceae	Seed oil	Chest pain, skin dieases, snake bite
			Flower	cough, cold, colic, burns,
			Bark	Astringent, Rheumatism, tonic
37	Mentha spicata L. (Pudina)	Lamiaceae	leaves	Digestive disorders,
38	Nyctanthes arbortristis L. (Seharua)	Oleaceae	leaves	Cough, Cronic fever, Malaria, Sciatica,
39	Ocimum canum sims (Bun tulsi)	Lamiaceae	Seeds	Ulcer, cooling
			leaves	Cold, Cough, Skin diseases
40	Piper betle L. (Pan)	Piperaceae	leaves	Cuts, Injuries, Earache, Ulcer
41	Plumbago zeylanica L. (Chitawar)	Plumbagiaceae	Root	Abdominal pain, Fever, Digestive disorders.
42	Rauvolfia serpetina L. Benth. Ex. Cruz.	Apocynaceae	Root	Blood pressure, Fever, Nervovus disease
	(Sarpagandha)			

43	Solanum surattense Burm.f. (Bhatkataiya0	Solanaceae	Fruits & Root	Cough, Ear complaint, Paralysis, Fever
44	Sterculia urens Roxb. (Kullu)	Sterculiaceae	Gum	Joint pain, Constipation, Blood pure fire
			Root	Bon fracture
45	Terminalia bellirica (Gaerth.) Rozb.(Bahera)	Combretaceae	Fruits	Cough, Sore throat, Laxative, Digestic
46	Terminalia Chebula Retz.(Harra)	Combretaceae	Fruits	Asthma Cough, Cold, Fever,Teeth bleeding
47	Vitex negundo L. (Negur)	Verbenaceae	leaves	Cold, Cough, Promotes, Growth of hair
			Flower	Skin disease, Boils, Diarrhoea,Fever
48	Withania somnifera L. Dunal (Asgandha)	Solanaceae	leaves	Injuries, Headache, Swelling, Eye complaints
49	Woodfodia fruticosa L. Kurz. (Dhabai)	Lythraceae	Flower	Cough, Dysentery, Leucorrhoeae
			leaves	Throat problem, Hysterical attack, Headache
50	Zizyphus mauritiana Lamk. (Ber)	Rhamnaceae	Fruits	Stomachache, Bood purifire, Digestion
			leaves	Fall of hair, Fever, Whooping cough

Conclusion/Discussion

RF-87 is one of those region of block Baloda district Janjgir C.G. where the tribes population and forest dwellers from a considerable part of the population. The forest areas have been the traditional source of medicinal plants and herbs. Use of plants in medicine is very prevalent in this region. Most of the medicinal plants are known and utilized by Ayurvedic Vaidyas, Guniyas, Ojhas and Knowledgeable tribes. Altogether 100 plant species is belonging to angiosperm families and genera are included for treatment of various diseases such as skin disease, fever, stomach, disorders, asthma, eye complaints, injuries, rheumatism etc. This paper presents the extensive knowledge pertaining to medicinal plants of Rf-87 Dahkoni region. Which are becoming more and more reverent and meaningful in the healthcare of man particularly in treatment of various diseases.

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References

1. Hooker, J.D. (1872-1897)The flora of british India 07 vols. BSI Calcutta, India.
2. Duthie, J. F. (1973) Flora of upper Gang tic plant and of the adjacent Siwalic and Sub Himalaya tract. BSI Calcutta, India.
3. Khan, A.A. Khan, Shabina and Singh, mrigendra pratap (2003) Weeds of Soyabean {Glycine max L. Meril;} and their medicinal important in Rewa division . Scientific pub. India.pp 245-248.
4. Jain, S.K.(1991)Discovery of Indian folk medicine and ethno botany. Deep publication, New Delhi, India. Page 217-225
5. Khan, A.A. and Khan, I. M. (1997) Observation of certain plants used in various diseases by the tribals of Shahdol district (MP). Advanced in plants sciences 9(2),pp 39-43
6. Oommachan, M. and Masih, S.K. (1991) Ethno-botanical and conservational aspects of medicinal plants used of M.P. India. J.Applied and pure 6(1):245-248
7. Chatterjee, D. (1996) and Mishra, S.K. Conservational aspects ethno botanical medicinal plants used by Kol tribes of Bandhavgarh region of Madhya Pradish. (ed. Singh et al.) Vindra pub.Jalgaon. 48-51.