

Some Ayurvedic Important Medicinal Plants of Rajasthan, India

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Abstract

According to Shiva (1996) [1], there are round 17,000 flowering plant species which can be discovered in India. Among those 7500 plant species are acknowledged for his or her medicinal values. Rajasthan harbors 2412 of the above flowering plant life out of which 1900 are of medicinal cost. Ayurved, the oldest medicinal machine of India, defined 2000 of the above medicinal plant species. "Charak Samhita" the oldest e-book on remedy, written through Sage Charak mentions rsions round 340 herbs and their indigenous use. within the gift time medicinal plant life have gained terrific importance, approximately 25% of the drugs are derived and plenty of other are synthesized from plant life. throughout gift investigation our fundamental objective is to discover the capability in medicinal plant life assets from the arid and semi-arid a part of India. The study reveals that Rajasthan harbors an wealthy range of precious medicinal plant life and attempts are being made, at distinctive degrees, for documentation of some crucial medicinal plant life of Rajasthan with their local name and their medicinal homes.

Keywords: medicinal plants, Rajasthan, ayurveda, endangered MAP

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I. Introduction

Introduction Rajasthan is the largest State of India and well known for its bio-geographical habitats viz. arid and semi- arid. Rajasthan state is situated between 23°3' and 30°12' N latitude and 69°30' and 78°17' E longitude. The total land area of the state is about 3, 42,239 km². The average annual rainfall in the state is 525-675 mm, and the annual precipitation in different tracts of Rajasthan varies from 13 mm to 1766 mm. Within these arid and semi-arid habitats around 2412 different flowering plants are recorded. These unique habitats constantly magnetize plant lovers for its floral diversity. Hence various papers on plants diversity with their ecological and taxonomical information are recorded viz. Bhandari (1978); Puri et al. (1964); Sharma & Tiagi (1979); Shetty & Singh (1987, 1991, 1993); Sharma et al. (2005); Singh & Singh (2006) and Singh & Srivastava (2007) [2, 3, 4, 5, 6, 7, 8, 9, 10]. Kotia (2008) and Kotia et al. (2008)

[11, 12] have also published a detailed floristical account for the natural habitat in Rajasthan, India. Similarly, in recent years Yadav & Meena (2016), Tiwari et al. (2016), Dhakad et al. (2019) and Kotiya et al. (2020a and 2020b), [13, 14, 15, 16, 17] has further described little more taxonomical research work for the Rajasthan State.

Approximately three lac plants occur in world among these around 52000 plants are medicinally valuable [18]. Rajasthan harbors a unique repository of around 1900 species of medicinally valuable plants because of the unique climatic condition of the state. There are 2412 flowering plants that are reported from Rajasthan [17]. Most of the species are used by local communities for their healthcare needs. A lot of work had been done by various workers on ethnomedicinal plants species [19, 20, 21, 22, 23, 24, 25]. Earlier, local people harvested medicinal plants for their own basic needs but, due to increased demands in present era, over exploitation has become a big challenge in the conservation of medicinal plants. In Rajasthan, communities living adjacent to the forests derives medicinal plants for their livelihood but others trade these species to the market directly.

II. Material and Methods

At some point of the prevailing investigation enjoy vintage age human beings interrogated to collect statistics approximately the not unusual makes use of of medicinal plant life for his or her neighborhood makes use of and an in depth literature survey become accomplished for the compilation of statistics at the conventional structures of medicine in India, which encompass Ayurveda and conventional healer of medicine. numerous studies articles and exclusive books on Rajasthan medicinal plant life had surveyed in detail and all statistics compiled in Table-1.

III. Observation

Due to increasing commercial demand, over exploitation, habitat loss and other anthropogenic pressure, around 37 species are now RED-LISTED. Among these red listed species, 6 have been assessed Critically Endangered, 13 species as Endangered, while 18 species as Vulnerable. A detail list is given below (FRHT, 2008) [26]:

Critically Endangered MAP

Chlorophytum borivilianum (Safed Musli), *Eulophia ochreatea* (Salam Mishri), *Tribulus rajasthanensis* (Gokhuru), *Commiphora wightii* (Guggal), *Cochlospermum religiosum* (Galgol), *Pterocarpus marsupium* (Bijasal).

Endangered MAP

Neurada procumbens (Chapari), *Calligonum polygonoides* (Phog), *Ephedra foliata* (Suao-phogaro), *Gymnema sylvestre* (Gudmar), *Leptadenia reticulata* (Jeevanti), *Boswellia serrata* (Salar), *Feronia limonia* (Kaith), *Manilkara hexandra* (Rayam/Rani), *Oroxylum indicum* (Fari), *Ougeinia oojeinensis* (Tanas), *Sterculia urens* (Karaya), *Stereospermum colais* (Padal), *Tecomella undulata* (Rohiro).

Vulnerable MAP

Arisaema tortuosum (Haapradakaro), *Blepharis linariifolia*, *Costus speciosus* (Mahalakri), *Peganum harmala* (Harmal), *Barleria acanthoides* (Vajradanti), *Ocimum gratissimum* (Ban-Tulsi), *Plumbago zeylanica* (Chitrak), *Celastrus paniculatus* (Malkangani/ Jyotismati), *Gloriosa superba* (Kalihari), *Holostemma ada-kodien* (Chhirbel), *Pueraria tuberosa* (Ghorabel), *Sarcostemma viminalis* (Khir), *Buchanania lanzan* (Chironji), *Butea monosperma* var. *lutea* (Dhak), *Moringa concanensis* (Sargura), *Naringi crenulata* (Naupatti), *Schrebera swietenoides* (Mokha), *Terminalia arjuna* (Arjun).

Table-1: Some Important Medicinal Plants of Rajasthan

S.N.	Botanical Name	Local Name	Medicinal Uses
1	<i>Abrus precatorius</i> L.	Chirmi	Leucoderma, Sciatica, Paralysis
2	<i>Abutilon indicum</i> (L.) Sweet	Kanghi	Uterine haemorrhagic discharges Febrifuge, Anthelmintic, Diuretic, Alexiteric.
3	<i>Acacia catechu</i> (L. f.) Willd.	Katha/ Khair	Toothache, Lumbago, Piles. Chest troubles, Bronchitis, Gonorrhoea
4	<i>Acacia leucophloea</i> (Roxb.) Willd.	Urajio/ Ranj	Astringent, Cooling, Antipyretic, Itching, Leprosy, Boils, Psoriasis, Inflammation, Leucoderma
5	<i>Acacia nilotica</i> (L.) Del.	Babul	Astringent, Inflammations, Bronchitis, Leprosy
6	<i>Acacia senegal</i> (L.) Willd.	Kumatiyo	Astringent, Alexipharmic, anthelmintic, Diarrhea, Piles, Leprosy, Urino-genital disorders.
7	<i>Achyranthes aspera</i> L.	Andhi- Jaro/ Undo katto	Emollient, Inflammation, Hemorrhage, Intestinal mucous, Food for diabetes. Infection of Eyes
8	<i>Adhatoda zeylanica</i> Medic.	Adusa	Laxative, skin diseases. Astringent Laxative Dysentery, Piles, Eruption, Colic, Gonorrhoea
9	<i>Aegle marmelos</i> (L.) Corr.	Bel	Dysentery. Diuretic bronchitis, Asthma, sore. Emmenagogue, Gonorrhoea. Blood circulation Jaundice Leprosy Heart troubles, Loss of memory, Leucoderma, Tumors
10	<i>Aloe vera</i> (L.) Burm. f.	Gheekumari	Astringent, Dysentery, Diarrhea, Laxative, Cooling, Asthmatic complaints, Fever, Analgesic, Appetizer.
11	<i>Andrographis paniculata</i> (Burm. f.) Wall. ex Nees	Kalmegh	Rheumatism
12	<i>Argemone mexicana</i> L.f.	Satyanasi	Debility, Dysentery, Dyspepsia, Febrifuge, Stomachic, Tonic Alternative, Anthelmintic
13	<i>Asparagus racemosus</i> Willd.	Satawari	Diuretic, Purgative, Aphrodisiac, strangury, Leucoderma.
14	<i>Azadirachta indica</i> A. Juss.	Neem	Aphrodisiac, Laxative, Expectorant, Galactagogue, Tuberculosis, Leprosy, Epilepsy, Night blindness, Diseases of kidney, liver, eye & throat
15	<i>Bacopa monnieri</i> (L.) Wettst.	Brahmi	Antiperiodic, Anthelmintic, Diuretic, Blood & Skin disease, Leprosy, Alexiteric, Ulcers, Insecticidal, Ophthalmia, Biliousness
16	<i>Balanites aegyptiaca</i> (L.) Del.	Hingotia	Diuretic, Nerve tonic, Memory promoter, Epilepsy, Insanity, Asthma, Nerve breakdown.
17	<i>Barleria prionitis</i> L.	Pila piyabansa	Anthelmintic, Alternative, Analgesic alexipharmic, antidysentric, Analgesic, Leucoderma, Ulcers, Skin diseases. Purgative
			Alexiteric, Bronchitis, Blood Complaints, Leucoderma. Appetizer, Blood & skin disease, Inflammation

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18	<i>Barleria cristata</i> L.	Vajra danti	Inflammation, Fever, Bronchitis Bilioussness
19	<i>Boerhavia diffusa</i> L.	Punarnava/ Satta	Astringent, Bilioussness, Leucorrhoea, Blood purifier Alternative, Inflammation, Anaemia, Heart troubles, Asthma Dyspepsia, Tumors, Spleen diseases, Alexiteric, Appetizer, Ophthalmia, Carminative, Tonic, Lumbago, Diuretic, Emetic, Expectorant, Liver complaints.
20	<i>Boswellia serrata</i> Roxb. ex Coleb.	Salar	Bilioussness, Dysentery, Skin diseases, Ulcer, Blood purifier. Leucoderma, Piles Antipyretic, skin & Blood diseases, Vaginal discharge, diabetes, Bronchitis
21	<i>Butea monosperma</i> Lam.	Palas	Aphrodisiac, Laxative, Dysentery, Stomach worms, Eye diseases. Leprosy, Gout, Skin disease. Diuretic, Anthelmintic, Piles.
22	<i>Calotropis gigantea</i> (L.) R. Br.	Safed-Aak	Leprosy, Leucoderma, Ulcers, Tumours, Piles, Spleen and Liver troubles, Asthma, Syphilis, Inflammation, Ascites, Abdominal disease
23	<i>Calotropis procera</i> R.Br.	Madar/Aak	Leprosy, Elephantiasis, Toothache. Stomachic, Appetizer, Asthma
24	<i>Capparis decidua</i> (Forssk.) Edgew.	Ker	Carminative, Aphrodisiac, Appetizer, Emmenagogue, alexipharmic, Lumbago Rheumatism, Hiccup. Analgesic. Diaphoretic Alexiteric, Laxative, anthelmintic, Ulcer, Cough, Asthma, Piles. Bilioussness, Cardiac troubles
25	<i>Cassia auriculata</i> L.	Anwal	Urinary discharge, Tumours, Skin disease, Asthma, Anthelmintic, Leprosy, Throat troubles, Ophthalmic, Diabetes, Dysentery
26	<i>Cassia fistula</i> Linn.	Amaltas	Skin diseases Laxative, Purgative.
27	<i>Cassia occidentalis</i> Linn	Anwal	Skin diseases. Astringent. Anthelmintic. Diabetes and urinary disorders Ophthalmia, Conjunctivitis.
28	<i>Celastrus paniculata</i> Willd.	Malkangani	Emmenagogue, Brain tonic, Abdominal complaints
29	<i>Chenopodium album</i> Linn.	Bathua	Appetizer, Anthelmintic, Diuretic, Laxative, Aphrodisiac, Abdominal pain, Eye disease, Piles, Tonic, disease of Blood, Heart & spleen.
30	<i>Chenopodium ambrosoides</i> L.	Sugandha vastuka	Carminative, Emmenagogue, Pectoral complaints, Amenorrhoea, nervous affections, Anthelmintic
31	<i>Chlorophytum breviscapum</i> Dalz.	Safed Musali	Tonic
32	<i>Cissampelos pareira</i> L.	Patha/ Brihatika	Diuretic, Emmenagogue, Dyspepsia, Diarrhoea, Dropsy, Cough.
33	<i>Cleome gynandra</i> L.	Hulhul	Laxative, Anthelmintic, Diuretic, Ulcer, Leprosy. Malaria, Piles, Lumbago, Anthelmintic, Carminative
34	<i>Citrullus colocynthis</i> (L.) Schrad.	Tumba	Purgative, Jaundice, Rheumatism, Urinary disease. Drastic, Hydragogue, Cathartic, Stomachic.
35	<i>Clerodendron phlomidis</i> L.	Arni	Laxative, Alexipharmic, Anemia, Diabetics, Chyluria, Bronchitis, Dyspepsia, Inflammation, Piles.
36	<i>Cocculus hirsutus</i> (L.) Diels.	Jaljamni/ Pilwan	Alexipharmic, Antipyretic, Laxative, Soporific, Venereal pains. Gonorrhoea.
37	<i>Commiphora wightii</i> (Arn.) Bhandari	Guggal	Rheumatism, Laxative, Aphrodisiac, Anthelmintic, Bilioussness, Ulcers, Piles, Urinary troubles, Asthma, Tumours, Leucoderma
38	<i>Cordia dichotoma</i> Forst. f.	Lasora	Astringent, dry cough, Disease of Urethra, Ulcers, Headache
39	<i>Cordia gharaf</i> (Forsk.) Ehrenb. Ex Asch.	Gundi	Astringent, Headache, Constipation, Stomach worms, Piled, Toothache
40	<i>Crateva nurvala</i> Buch. - Ham.	Barna	Urinary complaints, edema, Constipation, tonic, Antiperiodic, Goiter, Obesity.
41	<i>Curculigo orchioides</i> Gaertn.	Kali-musli	Carminative, Antipyretic, Tonic, Aphrodisiac, Bronchitis, Lumbago, Ophthalmia, Diarrhea, Dyspepsia Gonorrhoea, Hydrophobia. Diuretic, Aphrodisiac, Jaundice, Asthma, Piles, Colic.
42	<i>Cuscuta reflexa</i> Roxb.	Akash-bel	Aphrodisiac, Diuretic, Paralysis, Heart & Spleen Disease, Lumbago Emmenagogue, Sedative, Bilioussness.
43	<i>Cynodon dactylon</i> Pers.	Dub	Astringent, Diuretic, Dropsy.
44	<i>Datura stramonium</i> L.	Dhatura	Antispasmodic, Narcotic Asthma, Anodyne Sedative, Intoxicant, Carbuncles.
45	<i>Desmodium gangeticum</i> (L.) DC	Salpiani/ Kareti	Alternative, Aphrodisiac, Diuretic, Anthelmintic, Fevers, Typhoid, Dysenetry, Piles, Asthma.
46	<i>Diospyros melanoxylon</i> Roxb	Abnus/ Kendu	Diarrhea, Dyspepsia. Ophthalmia, Aphrodisiac, Leucorrhoea, Night blindness, spleen enlargement. Digestive, Carminative, Bilioussness.
47	<i>Echinops echinatus</i> Roxb.	Oont-kateli	Alternative, Diuretic, Nerve tonic, Hysteria, Dyspepsia, Ophthalmia, Cough, Scrofula, Seminal debility
48	<i>Eclipta alba</i> (L.) Hassk.	Jalmagra	Emetic, Purgative, Antiseptic Tonic, Hepatic & Spleen enlargement, Jaundice, Skin diseases
49	<i>Ehretia laevis</i> Roxb.	Tombolan	Venereal diseases.

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50	<i>Enicostema axillare (Lam.) Raynal</i>	Nawri/Nemi	Dropsy, Rheumatism, Abdominal Ulcer, Hernia, Swellings, Itches, Malaria. Aphrodisiac
51	<i>Euphorbia caducifolia Haines.</i>	Dandathor	Carminative, Laxative, Appetizer, Alexipharmic, Bronchitis, Tumours, Delirium, Piles, Spleen enlargement, Anemia, Ulcers Fever, Leucoderma.
52	<i>Evolvulus alsinoides L.</i>	Shankpushpi/Visnuk r antha	Bronchitis, Asthma, Fever Diarrhea, Tonic
53	<i>Fumaria indica (Haussk.) Pugsley</i>	Pitpapra	Leucorrhoea, Burning sensation, Ulcer, Leprosy, Biliousness.
54	<i>Gloriosa superba L.</i>	Kalihari	Bowel complaints. Anthelmintic, Laxative, Alexiteric, Abortifacient, Ulcer, Leprosy, Piles.
55	<i>Gmelina arborea Roxb.</i>	Hawan	Anthelmintic, Hallucination, Fever, Piles, Gonorrhea, Foetid discharge, Cough. Leprosy, Blood diseases. Aphrodisiac, Diuretic, Hair tonic, Cooling, Anemia, ulcer, Vaginal discharge
56	<i>Gymnema sylvestre (Retz.) R. Br. ex Schult</i>	Gudmar	Anthelmintic, Alexiteric, Heart & Eye troubles, Leucoderma, Asthma, Bronchitis, Ulcers. Stomachic urinary diseases.
57	<i>Hemidesmus indicus (L.) R. Br.</i>	Anant-Mul	Antipyretic, Antidiarrhoeal, Diuretic, Aphrodisiac, Leprosy Bronchitis, Diseases of Blood Diaphoretic, Syphilis, Leucoderma, Diseases of brain Liver & kidney
58	<i>Jatropha curcas L.</i>	Ratanjot/ Jamalghota	Emetic, Purgative. Antidiarrhoeal Lactagogue Diuretic, Biliousness, Anaemia. Fistula, Heart disease. Rheumatism, Herpes, Pruritus.
59	<i>Jatropha gossypifolia Linn</i>	Mayla/ Ratanjoti	Emmenagogue. Eczema, Carbuncles, Itches. Emetic, Insanity, Purgative
60	<i>Justicia procumbens L.</i>	Kagner	Biliousness, Intoxication, fever, Diuretic, Enriches blood, Leprosy. Mental & Blood diseases. Biliousness, Intoxication, fever, Diuretic, Enriches blood, Leprosy. Mental & Blood diseases.
61	<i>Leptadenia reticulata (Retz.) Wight & Arn.</i>	Jhumka / Jeevanti	Stimulant, Tonic
62	<i>Martynia annua L.</i>	Bagh-nakhi/ Billi	Inflammation, Epilepsy, Tuberculous glands in the neck, Sore throat, Alexiteric, Ulcer
63	<i>Melia azedarach L.</i>	Bakain / Moyan	Anthelmintic, Anemia, Leucoderma, Piles, Skin disease, Blood purifier.
64	<i>Moringa oleifera Lam</i>	Sainjna	Aphrodisiac, Analgesic, anthelmintic Ulcers heart troubles, Ophthalmia, Hallucination Muscular & spleen diseases, Leucoderma, Tumors, Eye diseases, Heart complaints
65	<i>Nyctanthes arbor-tristis L.</i>	Harsingar	Bronchitis Rheumatism, Fever Inflammation Piles, Skin Diseases
66	<i>Ocimum basilicum L.</i>	Ram tulsi	Anthelmintic, Alexipharmic, Antipyretic diseases of heart & Blood Diuretic Biliousness, Leucoderma. Bowel complaints. Stimulant, Diuretic. Gonorrhoea, Diarrhoea, Dysentery.
67	<i>Ocimum canum Sims.</i>	Bapchi	Fever, Parasitic diseases. Expectorant, Anticaterhal, Nasal haemorrhage, Antireumatism.
68	<i>Pandanus fascicularis Lam.</i>	Kewra	Stimulant, Antispasmodic, Rheumatism, Headache, Tumours
69	<i>Pedaliu murex L.</i>	Bara-gokhru	Antibiliousness. Gonorrhea, Dysuria, Antispasmodic, Aphrodisiac, Diuretic, Demulcent, Emmenagogue.
70	<i>Peganum harmala L.</i>	Harmal	Emmenagogue, Galactagogue Expectorant, Anthelmintic, Lumbago Urinary troubles, Ophthalmia, Rheumatism, Bronchitis.
71	<i>Pergularia daemia (Forssk.) Chiov.</i>	Gadaria-ki-bel	Anthelmintic.
72	<i>Phyllanthus emblica L.</i>	Aamla	Burning sensation, Vomiting, Thirst, Leprosy, Constipation, Inflammation, Piles, Leucorrhoea.
73	<i>Phyllanthus niruri L.</i>	Bhui-Awala	Stomachic, Dysentery, Dropsy. Ulcer, Wounds, Ringworm Jaundice.
74	<i>Physalis minima L.</i>	Papotan	Diuretic, Tonic, Purgative, Spleen enlargement
75	<i>Plantago ovata Forsk</i>	Isabgol	Astringent, Tonic, Biliousness, Cough, Dysentery, Leprosy.
76	<i>Plumbago zeylanica L.</i>	Chitrak	Dyspepsia, Dysentery, Leucoderma, Piles, Inflammation, Rheumatism, Bronchitis, Anemia, Liver & Intestinal complaints.
77	<i>Prosopis cineraria (L.) Druce</i>	Khejri	Dysentery, Bronchitis, Asthma, Leucoderma, Piles, Astringent, Leprosy
78	<i>Psoralea corylifolia L.</i>	Bavchi	Dental diseases Diarrhoea Diuretic, Leprosy, Skin diseases, Asthma, Bronchitis, Piles.
79	<i>Ricinus communis L.</i>	Erandi/ Arand	Asthma, Bronchitis, Leprosy, Rectal disease, Fever, Purgative, alternative, Skin diseases. Galactagogue, Aphrodisiac, Anthelmintic
80	<i>Salvadora oleoides Dence</i>	Mitha-jal	Appetizer, Alexipharmic, Laxative, Vesicant Purgative, Carminative, Bronchitis, Spleen enlargement, Piles

81	<i>Salvadora persica L.</i>	Kharo-jal	Astringent, Anthelmintic, Diuretic, Analgesic, Liver tonic.
82	<i>Sapindus emarginatus Vahl</i>	Areetha	Diaphoretic, Diuretic, Emetic, Gonorrhoea. Rheumatism, Lumbago, Emmenagogue.
83	<i>Sesamum indicum L.</i>	Til	Aphrodisiac, Spleen troubles, Piles bleeding Menorrhoea Diuretic, Diaphoretic, Cooling Hair growth, Diarrhoea, Ulcers Dry cough, Asthma, Lungs diseases, Small pox, syphilis, Ulcers.
84	<i>Solanum nigrum L.</i>	Makoy	Diseases of eye, ear, nose, Ulcer on the neck, Head ache, Aphrodisiac, Alternative, Diuretic, Inflammation, Asthma, Bronchitis, Fever, Leucoderma, Piles, Heart & Eye disease. Laxative, Gonorrhoea
85	<i>Solanum virginianum L.</i>	Nili-kateli	Expectorant, Cough, asthma, chest pain, catarrhal fever. Pain reliever, Rheumatism. Throat sore, Cough, Toothache.
86	<i>Syzygium cumini (L.) Skeels</i>	Jamun	Bronchitis, Asthma, Dysentery, Blood impurities, Astringent, Diabetes, tonic, Diuretic
87	<i>Tamarindus indica L.</i>	Imli	Paralysis, Urinary discharge, Gonorrhea, Blood disease, Appetizer, Laxative, Heating, Tonic to heart
88	<i>Tecomella undulata (Sm.) Seem.</i>	Rohida	Abdominal & liver complaints. Laxative, Anthelmintic, Ulcers, Blood & eye diseases.
89	<i>Tephrosia purpurea (L.) Pers.</i>		Alexipharmic, Ulcers and wounds, spleen complaints Anthelmintic, Antipyretic, Diseases of heart, spleen, Liver and blood, Leprosy, Asthma Bronchitis. Syphilis, Gonorrhoea, Lung troubles.
90	<i>Tinospora cordifolia (Willd.) Miers</i>	Neem Giloi	Emetic, Visceral obstruction. Rheumatism, Jaundice, Urinary infection, Dyspepsia
91	<i>Tribulus terrestris L.</i>	Gokhru	Aphrodisiac, Alternative, Diuretic. Appetizer, strangury, Leprosy, Piles, Heart diseases. Aphrodisiac, Blood purifier Diuretic, Aphrodisiac.
92	<i>Urgenia indica (Roxb.) Kunth.</i>	Koli kanda	Dropsy, Spermatorrhoea, Pyelitis, Insanity, Rheumatism, Laxative, Cough, Glandular swelling
93	<i>Urtica dioica Linn</i>	Bichu-booti	Anthelmintic, Alexiteric, Diuretic, Emmenagogue, Purgative, Bronchitis, Asthma, Dropsy, Rheumatism, Skin diseases, leprosy. Diuretic, Anthelmintic, Nephritic troubles, Haemorrhage in kidney & Uterus, Jaundice
94	<i>Vernonia cinerea (L.) Less.</i>	Sahadevi	Diaphoretic, strangury, Promotes perspiration, Spasm of bladder. Conjunctivitis Anthelmintic, Alexipharmic
95	<i>Vitex negundo L.</i>	Nirgundi	Astringent, Cephalic, Stomachic, Anthelmintic, Hair tonic, Spleen enlargement, Ophthalmia, Leucoderma, Inflammation, Asthma, Bilioussness.
96	<i>Withania coagulans (Stocks) Dunal</i>	Paneer-bandh	Asthma, Bilioussness, Strangury Emmenagogue, Diuretic, Ophthalmia, Lumbago, Liver troubles, Piles.
97	<i>Withania somnifera (L.) Dunal</i>	Ashgandh	Alternative, Aphrodisiac, narcotic, tonic. Alternative, Narcotic, Bronchitis, Psoriasis, Ulcers, senile debility, Rheumatism, Tonic. Diuretic, Hypnotic.
98	<i>Wrightia tinctoria (Roxb.) R. Br.</i>	Khirmi	Bilioussness, Piles, Skin diseases.
99	<i>Xanthium strumarium L.</i>	Adhasisi	Headache, Appetizer, Leucoderma, Toothache,
100	<i>Zizyphus nummularia Burm.f</i>	Jharber	Cough, cold skin diseases. Astringent, Cooling. Bilioussness, sores, Ulcerated gums.

IV. Result and Discussion

Among these 1900 medicinal plants 100 ethnomedicinal and medicinal valuable plant species are mentioned below in the table with their local name and medicinal uses for particular diseases

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