

Medicinal Flora on the Banaras Hindu University Main Campus, India

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Abstract

A study was undertaken to explore the medicinal flora of the Banaras Hindu University main campus, India, spreading over 1,350 acres of land area. A total of 415 medicinal plant species were recorded from the university campus, of which 404 plant species belonging to 308 genera and 96 families were represented by the Angiosperms, 6 plant species belonging to 5 genera and 3 families were represented by the Gymnosperms and 5 plant species belonging to 4 genera and 4 families were represented by the Pteridophytes. Fabaceae, Asteraceae and Malvaceae were the dominant families of the medicinal flora of the Banaras Hindu University main campus. The native medicinal plants dominated over the exotic medicinal plants, and the medicinal plants of perennial duration dominated over the medicinal plants of annual and biennial durations on the university campus.

Keywords

Banaras Hindu University, Medicinal Flora, Medicinal Properties, Medicinal Uses, Origin Status, Varanasi District

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1. Introduction

Banaras Hindu University is the largest teaching and residential university of Asia born in 1916 during the freedom movement as a national university with donations from both the rich and poor. It was founded by great freedom fighter and social reformer Pandit Madan Mohan Malaviya (1861-1946) who considered education as the primary means for achieving a national awakening. The foundation stone of this great university was laid by Lord Hardinge on 4 February 1916, the then Viceroy and Governor General of Colonial India. Presently this vast university has two campuses, 4 institutes, 16 faculties and 140 departments, 4 advanced centers and 4 interdisciplinary centers. The newly established fourth institute of the university named Institute of Environment and Sustainable Development (IESD) has been founded by internationally renowned Ecologist Professor J. S. Singh.

About a century old main university campus provides dense

flora. Several studies have been conducted to explore the floristic composition of the Banaras Hindu University main campus [1-4]. However, the main objective of the present investigation was to assess the medicinal flora of the Banaras Hindu University main campus.

The reasons behind exploration of the medicinal flora on the Banaras Hindu University main campus were to bring the medicinal plants in limelight so that they can get protection and propagation on the university campus and can be further researched for their medicinal attributes. Furthermore, these medicinal plants can also be helpful in generating revenue to the university by using them in manufacture of ayurvedic medicines.

2. Study Area

Banaras Hindu University main campus (Fig. 1) is located about 5 km south of Varanasi city on the western bank of sacred river Ganges (25°18' N latitude and 83° 1' E longitude),

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on levelled topography at an elevation of 76 m [5].

The campus is covered with alluvial deposits of river Ganges. Soil is fertile and sandy loam in texture.

The climate is Tropical monsoonal type with three distinct season; the cold (November to February), the hot (March to

mid-June), and the rainy (mid-June to September), while October is regarded strictly as transitional month. The diurnal range of temperature ranges as average between 13°C and 14.5° C in the cold and hot months. The highest monthly temperature is recorded in May, varying between 32°C and 42° C. The annual rainfall is around 100 cm [6].

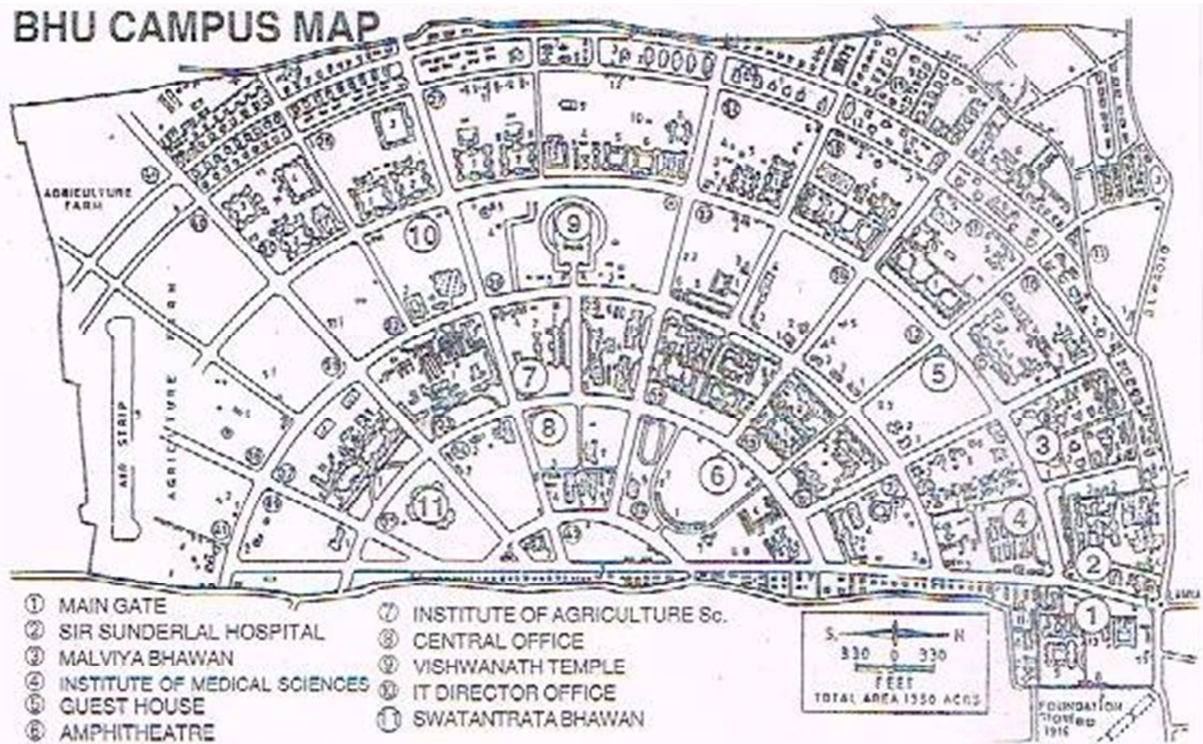


Figure 1. Map of the Banaras Hindu University main campus



Figure 2. Medicinal plant *Rauwolfia serpentina* growing wild near Swatantrata Bhawan on the Banaras Hindu University main campus

3. Methodology

A year long field observation was taken between July 2013 to June 2014 covering different seasons to record and collect the various plant species growing on the main campus of the Banaras Hindu University. The observation was started in rainy season and the collections were repeated every month for the whole year. During observations and collection process visits were made to gardens, woodlands, play grounds, bare lands, wastelands, roadsides, agricultural farms and other localities of the university campus in search of plant species. The identification of the collected specimens were done through various sources [7-10]. The information regarding the medicinal properties and medicinal uses of the identified plant species were collected from various literatures [11-15]. The APG III (2009) [16] classification was followed for arranging the taxa to families.

The medicinal plant species were listed into three groups; Pteridophytes, Gymnosperms and Angiosperms. Based on the habits the plant species were categorized into six types; herbs, undershrubs, shrubs, woody climbers, woody grasses and trees.

4. Results and Discussion

The list of medicinal plant species of the Banaras Hindu University main campus is presented in Table 1. A total of 415 medicinal plant species were collected from the protected university campus, of which 404 species were represented by the Angiosperms belonging to 308 genera and 96 families. The Gymnosperms were represented by the 6 species belonging to 5 genera and 3 families, and the Pteridophytes were represented by 5 species belonging to 4 genera and 4 families (Table 2). Thus the study suggests that the Banaras Hindu University main campus possess a diverse variety of medicinal plant species chiefly dominated by the Angiospermic group of plants.

The maximum number of medicinal plants on the university campus were represented by Fabaceae (55 species) family followed by Asteraceae (31 species) and Malvaceae (17 species) families. Therefore, the study indicates that the Fabaceae, Asteraceae and Malvaceae are the dominant families of medicinal flora of the Banaras Hindu University main campus. However, the vascular flora of the Banaras Hindu University main campus is dominated by Asteraceae, Poaceae and Fabaceae families [4]. In the present study Fabaceae, Asteraceae and Malvaceae families together constitutes about one-fourth of the medicinal plant species of the university campus.

The study on life duration of the medicinal plants indicates that 147 species were represented by the annuals, 9 species by the biennials and 259 medicinal plant species were represented by the perennials. Furthermore, among the dominating Angiospermic group, 145 medicinal plant species were represented by the annuals whereas 250 medicinal plants were represented by the perennials (Table 2). Therefore, the study suggests that medicinal plants of perennial duration dominate over the medicinal plants of annual and biennial durations on the Banaras Hindu University main campus.

The study on origin status of the medicinal plants of the Banaras Hindu University campus reveals that 225 species were represented by the natives while 190 medicinal plants were represented by the exotics. Moreover, among Angiosperms, 220 medicinal plants were represented by the natives while 184 medicinal plants were represented by the exotics (Table 2). Hence, the study indicates that native medicinal plant species dominates over the exotic medicinal plant species on the Banaras Hindu University main campus. Contrary to the present finding, a study on the vascular flora of the Banaras Hindu University main campus reports the dominance of exotic plant species over the native plant species [4].

Analysis on habit of the medicinal plants of the Banaras Hindu University main campus reveals that of the total collected medicinal plant species from the university campus, 227 were represented by the herbs, 9 species by the undershrubs, 64 species by the shrubs, 4 species by the woody climbers, 2 species by the woody grasses and 109 species were represented by the trees. Thus the medicinal plant species of herbaceous habit dominates over the other habit forms on the Banaras Hindu University main campus. Other studies on the flora of the Banaras Hindu University main campus also reports the dominance of the plants of herbaceous habit over the other habit forms [2-4].

Some most important medicinal plant species recorded on the Banaras Hindu University main campus are represented by *Abutilon indicum*, *Adhatoda zeylanica*, *Aloe vera*, *Andrographis paniculata*, *Asparagus racemosus*, *Bacopa monnieri*, *Barleria prionitis*, *Biophytum sensitivum*, *Boerhavia diffusa*, *Celastrus paniculatus*, *Centella asiatica*, *Convolvulus pluricaulis*, *Derris scandans*, *Eclipta alba*, *Fumaria parviflora*, *Hemidesmus indicus*, *Mimosa pudica*, *Nyctanthes arbor-tristis*, *Phyllanthus emblica*, *Phyllanthus niruri*, *Piper longum*, *Piper nigrum*, *Plumbago rosea*, *Physalis minima*, *Pterospermum acerifolium*, *Rauwolfia serpentina*, *Saraca indica*, *Senna occidentalis*, *Solanum torvum*, *Solanum xanthocarpum*, *Strychnos nux-vomica*, *Terminalia arjuna*, *Terminalia bellerica*, *Terminalia chebula*, *Tinospora*

cordifolia, *Tribulus terrestris* and *Withania somnifera*.

In a ethnobotanical study of the Sonbhadra district in the Uttar Pradesh state of India, Singh *et al.* (2002) [17] reported 125 plant species belonging to 57 families are therapeutically used by tribals to cure different diseases. Seventy seven medicinal plant species reported on the Banaras Hindu University main campus in the present study were common to the plant species reported by Singh *et al.* (2002) [17] in their study.

Several medicinal plants recorded on the university campus belongs to threatened category according to IUCN Red List of Threatened Species. These include *Aloe vera*, *Celastrus paniculatus*, *Cycas circinalis*, *Cycas rumphii*, *Catharanthus roseus*, *Euphorbia antiquorum*, *Euphorbia neriifolia*, *Euphorbia royleana*, *Rauwolfia serpentina*, *Santalum album*, *Saraca indica* and *Swietenia humilis*.

Boerhavia diffusa and *Terminalia arjuna* are the over-exploited medicinal plants of the university campus [18, 19].

Table 1. List of medicinal plant species of the Banaras Hindu University main campus.

S. No.	Groups/Family/Plant species	Vernacular name	Habit	Medicinal properties/ Diseases cured
PTERIDOPHYTES				
Dryopteridaceae				
1.	<i>Dryopteris filix-mas</i> (L.) Schott.	Sarakhs	Herb	Vermifuge, abortifacient, rheumatism, sciatica, neuralgia
Lygodiaceae				
1.	<i>Lygodium japonicum</i> (Thunb.) Sweet	Bhoolan bel	Herb	Urinary tract infection, dysuria
2.	<i>Lygodium microphyllum</i> (Cav.) R. Br.	Bhoolan bel	Herb	Skin disorders, dysentery
Marsiliaceae				
1.	<i>Marsilea minuta</i> L.	Chaupaitra	Herb	Sedative, epilepsy, biliousness, behavioural disorder, boils
Salviniaceae				
1.	<i>Salvinia cucullata</i> Roxb.	Aakhukarni	Herb	Diuretic, anthelmintic, febrifuge, dysuria, skin diseases
GYMNOSPERMS				
Cycadaceae				
1.	<i>Cycas circinalis</i> L.	Jangali madamast ka phool	Tree	Narcotic, sores and ulcers, flatulence, vomiting
2.	<i>Cycas rumphii</i> Miq.	Jangali madamast ka phool	Tree	Malignant ulcers, sores
Cupressaceae				
1.	<i>Juniperus communis</i> L.	Hapusha	Tree	Urethritis, cystitis, rheumatism, arthritis, gout, dyspepsia, colic
2.	<i>Cupressus sempervirens</i> L.	Suraahva	Tree	Antiseptic, antispasmodic, diuretic, sedative, bronchitis, piles
3.	<i>Platycladus orientalis</i> (L.) Franco	Morpankhi	Shrub	Diuretic, antipyretic
Pinaceae				
1.	<i>Pinus roxburghii</i> Sarg.	Gandh-bihrojaa	Tree	Antiseptic, expectorant, cough, cold, rheumatism
ANGIOSPERMS				
Acanthaceae				
1.	<i>Adhatoda zeylanica</i> L.	Adusa	Shrub	Phthisis, bronchitis, asthma
2.	<i>Andrographis paniculata</i> Nees	Kalmegh	Herb	Bronchitis, dyspepsia, dysentery, influenza, jaundice
3.	<i>Astercantha longifolia</i> Nees	Gokhulakanta	Herb	Diuretic, aphrodisiac, tonic, dropsy
4.	<i>Barleria prionitis</i> L.	Bajradanti	Herb	Anti-inflammatory, cough
5.	<i>Blepharis boerhaviaefolia</i> Pers.	Uttangana	Herb	Antipyretic, expectorant, anti-inflammatory, ulcers, wounds, nasal haemorrhage, asthma, throat, liver and spleen disorders
6.	<i>Ecbolium viride</i> (Flors.) Alston	Udajat	Herb	Menorrhagia, rheumatism, jaundice
7.	<i>Justicia diffusa</i> Willd.	Basak	Herb	Snake bite
8.	<i>Justicia gendarussa</i> Burm. f.	Kala adulasa	Shrub	Asthma, rheumatism
9.	<i>Justicia simplex</i> D. Don	Aturoosha	Herb	Wound healing
10.	<i>Peristrophe bicalyculata</i> Nees	Chitchitia	Herb	Febrifuge, gout, rheumatism
11.	<i>Ruellia tuberosa</i> L.	Chatakani phali	Herb	Diuretic, antipyretic, antidiabetic, analgesic, anthelmintic, wound healing
12.	<i>Ruellia prostrata</i> Poir.	Dhamin	Herb	Cancer
13.	<i>Rungia parviflora</i> (L.) Nees	Punakapundu	Herb	Aperient, febrifuge, refrigerant, small pox
14.	<i>Rungia repens</i> Nees	Kharmor	Herb	Vermifuge, diuretic, cough, fever
Aizoaceae				
1.	<i>Trianthema monogyna</i> L.	Biskhopra	Herb	Analgesic, antipyretic, spasmolytic, cathartic, anti-inflammatory, oedema, dropsy
Alismataceae				
1.	<i>Sagittaria sagittifolia</i> L.	Chhota kutta	Herb	Astringent, discutient, anti-inflammatory
Amaryllidaceae				
1.	<i>Allium cepa</i> L.	Pyaz	Herb	Anticoagulant, anti-inflammatory, expectorant,

S. No.	Groups/Family/Plant species	Vernacular name	Habit	Medicinal properties/ Diseases cured
2.	<i>Allium sativum</i> L.	Lahasun	Herb	carminative, piles, jaundice, dyspepsia, scurvy
3.	<i>Crinum defixum</i> L. Amaranthaceae	Sukhadarshan	Herb	Anthelmintic, hypoglycaemic, hypotensive, flatulence, whooping cough, sciatica
1.	<i>Achyranthes aspera</i> L.	Latzira	Herb	Purgative, skin diseases
2.	<i>Aerva lanata</i> (L.) Juss. ex Schult	Bhadrika	Herb	Piles, colic, boils, pyrrhoea
3.	<i>Alternanthera sessilis</i> R. Br.	Gio-jihra	Herb	Lithontriptic, demulcent, diuretic, anthelmintic, hepatitis
4.	<i>Amaranthus polygamosus</i> L.	Tandulik	Herb	Flatulence, febrifuge cough, bronchitis, diabetes
5.	<i>Amaranthus spinosus</i> L.	Katili chaurai	Herb	Antidote against snake bite, aphrodisiac
6.	<i>Amaranthus tenuifolius</i> Willd.	Jeel chumli	Herb	Galactagogue, laxative, emollient, spasmolytic, diuretic, asthma, rhinitis, eczema, pimples and boils
7.	<i>Amaranthus viridis</i> L.	Tanduliya	Herb	Diabetes
8.	<i>Beta vulgaris</i> L.	Chukandar	Herb	Astringent, vermifuge, dysentery, constipation
9.	<i>Celosia argentea</i> L.	Shveta-murga	Herb	Diuretic, anti-inflammatory, analgesic, emmenagogue
10.	<i>Chenopodium album</i> L.	Bathua	Herb	Menorrhagia, stomatitis, antiscorbutic, brain tonic, sedative
11.	<i>Digera arvensis</i> Forsk.	Lahsuva	Herb	Laxative, piles, dysentery
12.	<i>Spinacea oleracea</i> L. Anacardiaceae	Palak	Herb	Astringent, diuretic, antibilious
1.	<i>Anacardium occidentale</i> L.	Kaju	Tree	Laxative, jaundice, anaemia
2.	<i>Buchanania latifolia</i> Roxb.	Chironji	Tree	Astringent, hypoglycaemic, vermifuge, mental derangement, sexual debility, morning sickness
3.	<i>Mangifera indica</i> L.	Aam	Tree	Diarrhoea, skin diseases, cough, asthma
4.	<i>Spondias pinnata</i> (L f.) Kurz Annonaceae	Amra	Tree	Astringent, antiscorbutic, heat stroke, pimples and boils, diarrhoea, rheumatism, skin diseases
1.	<i>Annona squamosa</i> L.	Sharifa	Tree	Astringent, antiseptic, antiscorbutic, muscular rheumatism, diarrhoea, dysentery, rheumatism, leucorrhoea
2.	<i>Polyalthia longifolia</i> (Sonn.) Thw. var. <i>pendula</i> Apiaceae	Ashoka	Tree	Purgative, wormicidal, diabetes, abortifacient, dysentery
1.	<i>Anethum graveolens</i> DC.	Sowa	Herb	Febrifuge
2.	<i>Apium graveolens</i> L.	Ajmoda	Herb	Carminative, stomachic, antispasmodic, dyspepsia
3.	<i>Centella asiatica</i> (L.) Urban	Mandukparni	Herb	Anti-inflammatory, diuretic, carminative, sedative, antiemetic, rheumatism
4.	<i>Coriandrum sativum</i> L.	Dhaniya	Herb	Nervous disorders, mental debility, cholera, amenorrhoea, piles, syphilis
5.	<i>Daucus carota</i> L.	Gajar	Herb	Flatulence, colic, rheumatism, neuralgia
6.	<i>Foeniculum vulgare</i> Mill.	Saunf	Herb	Diuretic, emmenagogue, spasmolytic, night blindness
7.	<i>Hydrocotyle javanica</i> Thunb.	Mahagotukola	Herb	Fever, dysentery, eye diseases, diseases of the spleen, chest and kidney
8.	<i>Hydrocotyle sibthorpioides</i> Lam.	Khulkhur	Herb	Alterative, diuretic, dysentery, cutaneous diseases
9.	<i>Trachyspermum ammi</i> (L.) Sprague Apocynaceae	Ajawain	Herb	Rheumatism, syphilis
1.	<i>Allamanda cathartica</i> L.	Zahari sontakka	Shrub	Carminative, stimulant, antispasmodic, colic, flatulence, dyspepsia, diarrhoea, ulcer
2.	<i>Alstonia scholaris</i> R. Br.	Saptarni	Tree	Cathartic, emetic, hydragogue
3.	<i>Calotropis gigantea</i> (L.) R. Br. ex. Ait.	Madaar	Shrub	Malaria, skin diseases, dysentery
4.	<i>Calotropis procera</i> (Ait.) R. Br.	Madaar	Herb	Stoachic, bechic, purgative, tuberculosis, leprosy, bronchitis, asthma
5.	<i>Carissa carandas</i> L.	Karaunda	Shrub	Asthma, leprosy, rheumatism, dyspepsia, flatulence
6.	<i>Cathranthus roseus</i> G. Don	Sadabahar	Herb	Paralysis, cardiac toner
7.	<i>Ervatamia coronaria</i> (Jacq.) Stapf	Tengari	Shrub	Diabetes, menorrhagia, leukaemia
8.	<i>Hemidesmus indicus</i> (L.) R. Br.	Anantmul	Shrub	Anodyne, toothache, skin diseases, cancer
9.	<i>Holarrhena pubescens</i> Wall. ex G. Don	Kurchi	Tree	Demulcent, alterative, blood purifier, diuretic, diaphoretic, dyspepsia, fever, skin diseases, syphilis, paralysis
10.	<i>Nerium indicum</i> Mill.	Safed kaner	Shrub	Astringent, anthelmintic, diuretic, antibilious, dysentery, jaundice, amoebiasis
11.	<i>Nerium oleander</i> L.	Surkh kaner	Shrub	Diuretic, antifungal, leprosy, ringworm
				Cardiotonic, diaphoretic, diuretic, emetic, scabies,

S. No.	Groups/Family/Plant species	Vernacular name	Habit	Medicinal properties/ Diseases cured
12.	<i>Plumeria acuminata</i> Ait.	<i>Gloaincha</i>	Shrub	leprosy
13.	<i>Plumeria alba</i> L.	<i>Kshira champa</i>	Shrub	Stimulant, purgative, rubefacient, emmenagogue
14.	<i>Plumeria rubra</i> L.	<i>Laal champa</i>	Tree	Blennorrhagia, herpes, scabies
15.	<i>Rauvolfia serpentina</i> Benth.	<i>Sarpagandha</i>	Shrub	Bechic, syphilis, eczema, ulcer, leprosy
16.	<i>Thevetia peruviana</i> Schum.	<i>Peela kaner</i>	Shrub	Hypertension, insomnia, mental debility, menorrhagia
	Araceae			Fever, rheumatism, dropsy
1.	<i>Alocasia indica</i> (Roxb.) Schhot.	<i>Mankachu</i>	Herb	Piles, constipation, rheumatism, jaundice
2.	<i>Amorphophallus paeoniifolius</i> (Dennst) Nicolson	<i>Suran</i>	Herb	Piles, jaundice, elephantiasis, bronchitis, asthma, abdominal pain
3.	<i>Colocasia esculenta</i> (L.) Schott.	<i>Arvi</i>	Herb	Constipation, stomatitis, alopecia
4.	<i>Scindapsus officinalis</i> Schott.	<i>Gajapippali</i>	Shrub	Stimulant, carminative, anthelmintic, rheumatism
	Arecaceae			
1.	<i>Borassus flabellifer</i> L.	<i>Taad</i>	Tree	Respiratory disorders, ulcers
2.	<i>Caryota urens</i> L.	<i>Sreetala</i>	Tree	Arthritis, burning sensation, migraine, general weakness
3.	<i>Cocos nucifera</i> L.	<i>Nariyal</i>	Tree	Stomachic, laxative, diuretic, styptic, astringent, alopecia, fever, urinary disorder, gastroenteritis
4.	<i>Phoenix dactylifera</i> L.	<i>Khajur</i>	Tree	Expectorant, demulcent, laxative, diuretic, diarrhoea
	Aristolochiaceae			
1.	<i>Aristolochia indica</i> L.	<i>Ishwarmul</i>	Herb	Oxytotic, abortifacient, leprosy, emmenagogue, nervous disorders, dropsy, cancer
	Asparagaceae			
1.	<i>Asparagus officinalis</i> L.	<i>Shaatavari</i>	Herb	Diuretic, laxative, sedative, galactagogue, neuritis, rheumatism
2.	<i>Asparagus racemosus</i> Willd.	<i>Satawar</i>	Herb	Galactagogue, styptic, astringent, nerve tonic, constipation, piles, leucorrhoea, anaemia, epilepsy
3.	<i>Agave americana</i> L.	<i>Kantala</i>	Shrub	Blood purifier, diuretic
4.	<i>Polianthes tuberosa</i> L.	<i>Rajnigandha</i>	Herb	Diuretic, gonorrhoea
5.	<i>Yucca gloriosa</i> L.	<i>Adam sui</i>	Shrub	Anti-inflammatory, blood purifier, cholagogue, rheumatism, oedema, asthma, bronchitis, ulcers, sores, dysentery
	Asteraceae			
1.	<i>Acmella oleracea</i> (L.) R. K. Jansen	<i>Pipulka</i>	Herb	Diuretic, antidysenteric, purgative, lithontriptic, toothache, throat and gum infection
2.	<i>Ageratum conyzoides</i> L.	<i>Dochunty</i>	Herb	Anti-inflammatory, anti-fungal, styptic
3.	<i>Artemisia scoparia</i> Waldst. & Kit.	<i>Javanti</i>	Herb	Anthelmintic, wound healing
4.	<i>Blumea aromatica</i> DC.	<i>Kukroudha</i>	Herb	Skin diseases
5.	<i>Blumea eriantha</i> DC.	<i>Kukroudha</i>	Herb	Carminative, diuretic, emmenagogue
6.	<i>Blumea lacera</i> DC.	<i>Kukroudha</i>	Herb	Antipyretic, astringent, febrifuge, diuretic, anthelmintic
7.	<i>Calendula officinalis</i> L.	<i>Calendula</i>	Herb	Sprains and bruises
8.	<i>Carthamus tinctorius</i> L.	<i>Kusum</i>	Herb	Arteriosclerosis, coronary heart disease
9.	<i>Centipeda minima</i> (L.) R. Br. & Asch.	<i>Nak chikni</i>	Herb	Rhinitis, sinusitis, asthma, toothache
10.	<i>Chrysanthemum indicum</i> L.	<i>Guldaudi</i>	Herb	Stomachic, anti-inflammatory, migraine
11.	<i>Cichorium intybus</i> L.	<i>Kasni</i>	Herb	Laxative, diuretic, cholagogue, jaundice
12.	<i>Echinops echinatus</i> Roxb.	<i>Untkateraa</i>	Herb	Alterative, diuretic, nerve tonic, hysteria
13.	<i>Eclipta alba</i> Hask.	<i>Bhangraiya</i>	Herb	Febrifuge, hepatitis, skin diseases
14.	<i>Elephantopus scaber</i> L.	<i>Jangli gobhi</i>	Herb	Diuretic, diarrhoea, dysentery, cardiac tonic
15.	<i>Gnaphalium indicum</i> L.	<i>Bairaksha</i>	Herb	Fever, gastric disorders, sciatica
16.	<i>Gnaphalium purpureum</i> L.	<i>Bairaksha</i>	Herb	Asthma, bronchitis, anorexia
17.	<i>Guizotia abyssinica</i> Cass.	<i>Ram til</i>	Herb	Rheumatism
18.	<i>Helianthus annuus</i> L.	<i>Surajmukhi</i>	Herb	Whooping cough, febrifuge, diuretic
19.	<i>Launaea procumbens</i> (Roxb.) Ramayya & Rajagopal	<i>Jangali gobhi</i>	Herb	Lactagogue, anti-inflammatory, renal disorders
20.	<i>Orthosiphon pallidus</i> Royle	<i>Arjaka</i>	Herb	Oedema, dropsy, gout, rheumatism
21.	<i>Pluchea lanceolata</i> C. B. Clarke	<i>Sugandha</i>	Herb	Laxative, analgesic, antipyretic, arthritis, Sedative, anodyne, expectorant, diuretic, asthma, bronchitis
22.	<i>Sonchus arvensis</i> L.	<i>Gubbi</i>	Herb	Febrifuge, vermifuge galactagogue, sedative, liver disorders
23.	<i>Sonchus oleraceus</i> L.	<i>Dudhadi</i>	Herb	Styptic, emollient, anthelmintic, piles, blood purifier, depurative, alterative, hysteria
24.	<i>Sphaeranthus indicus</i> L.	<i>Mundi</i>	Herb	Earache, cold, bronchitis, rheumatism
25.	<i>Tagetes erecta</i> L.	<i>Genda</i>	Herb	Cholagogue, diuretic, kidney and liver disorders, laxative, hepatic stimulant, tonic
26.	<i>Taraxacum officinale</i> Webber	<i>Kanphool</i>	Herb	Styptic, anti-diarrhoeal, anti-dysenteric, wound
27.	<i>Tridax procumbens</i> L.	<i>Phulni</i>	Herb	

S. No.	Groups/Family/Plant species	Vernacular name	Habit	Medicinal properties/ Diseases cured
28.	<i>Vernonia anthelmintica</i> (L.) Willd.	Banjira	Herb	healing Anthelmintic, purgative, skin diseases
29.	<i>Vernonia cinerea</i> (L.) Less.	Sahdevi	Herb	Styptic, febrifuge, diaphoretic, leucorrhoea, dysuria, asthma, leucoderma, anthelmintic, kidney stone
30.	<i>Volutarella divaricata</i> Benth.	Shukayi	Herb	Aperient, styptic, febrifuge, liver disorders
31.	<i>Xanthium strumarium</i> L. Balsaminaceae	Lapetua	Herb	Leucoderma, ulcers, abscess, rheumatism, piles
1.	<i>Impatiens balsamina</i> L. Bignoniaceae	Gulmehandi	Herb	Cathartic, diuretic, rheumatism
1.	<i>Crescentia cujete</i> L.	Kaitha	Tree	Aperient, expectorant, laxative, febrifuge, anthelmintic
2.	<i>Jacaranda mimosifolia</i> D. Don	Nili gulmohar	Tree	Veneral diseases
3.	<i>Kigelia africana</i> (Lam.) Benth.	Balamkhira	Tree	Antidysenteric, diuretic, purgative, aphrodisiac, rheumatism, veneral diseases
4.	<i>Tecoma stans</i> (L.) H. B. & K. Boraginaceae	Sonapaati	Shrub	Hypoglycaemic, diuretic, vermifuge
1.	<i>Heliotropium indicum</i> L.	Hathisund	Herb	Stomachic, diuretic, astringent, emollient, fever, urticaria, coughs, asthma, epilepsy, conjunctivitis
2.	<i>Trichodesma indicum</i> R. Br. Brassicaceae	Adhomukha	Herb	Diuretic, emollient, febrifuge, depurative, astringent, antidysenteric
1.	<i>Brassica campestris</i> L.	Sarson	Herb	Stimulant, diuretic, emetic, rubefacient, bronchitis, influenza
2.	<i>Brassica juncea</i> (L.) Czern. & Coss.	Rai	Herb	Antidysenteric, stomachic, diaphoretic, anthelmintic
3.	<i>Brassica nigra</i> (L.) Koch.	Kali sarson	Herb	Coryza, nostril blockage, pharyngitis
4.	<i>Brassica rapa</i> L.	Shaljam	Herb	Antioxidant, breast tumours, burns, cancer, diabetes
5.	<i>Iberis amara</i> L.	Chandani	Herb	Gout, rheumatism, bronchitis, asthma
6.	<i>Raphanus sativus</i> L.	Mooli	Herb	Constipation, jaundice, piles
7.	<i>Nasturtium officinale</i> R. Br.	Grasti	Herb	Antiscorbutic, expectorant, diuretic, blood purifier
8.	<i>Sisymbrium irio</i> L. Cannabaceae	Khaaksi	Herb	Expectorant, febrifuge, asthma
1.	<i>Cannabis sativa</i> L.	Bhang	Herb	Anticonvulsant, anti-inflammatory, hepato- protective
2.	<i>Trema orientalis</i> Blume Cannaceae	Javanti	Tree	Coughs, asthma, bronchitis, gonorrhoea, yellow fever, toothache
1.	<i>Canna indica</i> L. Capparaceae	Sarvajaya	Herb	Anti-inflammatory, menstrual disorders, hypertension
1.	<i>Capparis decidua</i> (Forsk.) Edgew.	Karir	Shrub	Gout, asthma, sciatica toothache, heart disorders, dysentery
2.	<i>Capparis spinosa</i> L.	Kabara	Shrub	Anti-inflammatory, diuretic, anthelmintic, vasoconstrictive
3.	<i>Maerua arenaria</i> H k. f & Th. Caricaceae	Hemkand	Woody climber	Stimulant, tonic
1.	<i>Carica papaya</i> L. Caryophyllaceae	Papita	Herb	Stomachic, digestive, carminative, diuretic, galactagogue, piles, anthelmintic, dysentery, diarrhoea, abortifacient, vermifuge
1.	<i>Spergula arvensis</i> L. Casuarinaceae	Gandel	Herb	Pulmonary tuberculosis
1.	<i>Casuarina equisetifolia</i> L. Celastraceae	Jangali jhau	Tree	Diarrhoea, dysentery
1.	<i>Celastrus paniculatus</i> Willd. Ceratophyllaceae	Brahmabuti	Herb	Leucoderma, vitiligo, aphrodisiac
1.	<i>Ceratophyllum demersum</i> L. Cleomaceae	Jalnili	Herb	Purgative, antibilious
1.	<i>Cleome gynandra</i> L.	Safed hurhur	Herb	Anthelmintic, fever, gout, scorpion bite
2.	<i>Cleome viscosa</i> L. Colchicaceae	Peela hurhur	Herb	Carminative, antiseptic, anthelmintic, vermifuge
1.	<i>Gloriosa superba</i> L. Combretaceae	Agnisikha	Herb	Promotion of labour pain, abortifacient
1.	<i>Terminalia arjuna</i> Wt. & Arn.	Arjun	Tree	Cardiac disorders, sores, ulcers
2.	<i>Terminalia bellerica</i> (Gaertn.) Roxb.	Bahera	Tree	Piles, dropsy, diarrhoea, leprosy
3.	<i>Terminalia catappa</i> L.	Jangali badaam	Tree	Astringent, anthelmintic, sudorific, rheumatism, tonsillitis, colic, cutaneous diseases

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4.	<i>Terminalia chebula</i> Retz.	Hurra	Tree	Diarrhoea, dysentery, flatulence, asthma, vomiting
5.	<i>Terminalia tomentosa</i> Wt. & Arn.	Asana	Tree	Astringent, styptic, anti-diarrhoeal, leucoderma
Commelinaceae				
1.	<i>Commelina benghalensis</i> L.	Kanakua	Herb	Emollient, demulcent, laxative, diuretic, leprosy
2.	<i>Commelina diffusa</i> Burm. f.	Kanchata	Herb	Antidermatosis, blood purifier
Convolvulaceae				
1.	<i>Convolvulus arvensis</i> L.	Hirankhuri	Herb	Cooling, anti-convulsant, cathartic
2.	<i>Convolvulus pluricaulis</i> Choisy	Sankhpushpi	Herb	Brain tonic, hypertension, skin diseases
3.	<i>Cuscuta reflexa</i> Roxb.	Amarbel	Herb	Fever, eczema, liver disorders
4.	<i>Evolvulus alsinoides</i> L.	Papori Sankhpushpi	Herb	Brain tonic, astringent, dysentery
5.	<i>Evolvulus nummularius</i> L.	Chhinipatra	Herb	Sedative, anthelmintic
6.	<i>Ipomoea aquatica</i> Forsk.	Nari-ka-sag	Herb	Emetic, purgative, ringworm
7.	<i>Ipomoea fistulosa</i> Mart.	Behaya	Shrub	Abscess, toothache, ankle
8.	<i>Ipomoea pes-tigridis</i> L.	Langulilatha	Herb	Boils, carbuncles, antidote to dog bite, purgative
9.	<i>Ipomoea quamoclit</i> L.	Suiphool	Herb	Ulcers of head and skin
Costaceae				
1.	<i>Costus speciosus</i> (Koen.) Smith	Keukand	Herb	Pneumonia, rheumatism, jaundice, dropsy, mental disorders
Crassulaceae				
1.	<i>Kalanchoe pinnata</i> (Lam.) Pers.	Ghamari	Herb	Diarrhoea, dysentery, calculus affection, cholera
Cucurbitaceae				
1.	<i>Bryonia dioica</i> Jacq.	Shivalingi	Herb	Asthma, intestinal ulcers, hypertension, arthritis
2.	<i>Coccinia grandis</i> (L.) Voigt	Kundru	Herb	Blood purifier, diabetes, skin diseases, syphilis,
3.	<i>Cucurbita maxima</i> Duchense	Laal kaddu	Herb	Diuretic, bronchitis, asthma, headache
4.	<i>Lagenaria siceraria</i> (Mol.) Standl.	Lauki	Herb	Purgative, emetic, jaundice
5.	<i>Luffa acutangula</i> (L.) Roxb.	Kali torai	Herb	Diuretic, purgative, emetic, expectorant, oedema, asthma
6.	<i>Momordica charantia</i> L.	Karela	Herb	Stomachic, laxative, antibilious, emetic, diabetes, anthelmintic
Cyperaceae				
1.	<i>Cyperus rotundus</i> R. Br.	Nagarmotha	Herb	Carminative, astringent, anti-inflammatory, anti-rheumatic, hepato-protective, diuretic, hypotensive, diarrhoea, dysentery, obesity
2.	<i>Cyperus scariosus</i> L.	Nagarmotha	Herb	Gonorrhoea, syphilis, diarrhoea, hair tonic
3.	<i>Kyllinga triceps</i> Rottb.	Mustu	Herb	Febrifuge, antidermatosis, diabetes
Ebenaceae				
1.	<i>Diospyros malbarica</i> (Desr.) Kostel	Kala tendu	Tree	Astringent, sore throat, diarrhoea, dysentery
Euphorbiaceae				
1.	<i>Acalypha indica</i> L.	Kuppi	Herb	Asthma, bronchitis, pneumonia, arthritis
2.	<i>Chrozophora rotleri</i> Juss.	Suryavart	Herb	Bechic, depurative, cathartic
3.	<i>Croton bonplandianus</i> Baill	Kala bhangra	Herb	Anti-inflammatory, snake bite
4.	<i>Euphorbia antiquorum</i> L.	Tidhara sehund	Tree	Dropsy, nerve tonic, purgative, gout, rheumatism, toothache
5.	<i>Euphorbia hirta</i> L.	Duddhibel	Herb	Diarrhoea, dysentery, asthma, bronchitis, conjunctivitis
6.	<i>Euphorbia nerifolia</i> L.	Thohar	Shrub	Purgative, diuretic, expectorant, piles, skin diseases, fever, gastric troubles
7.	<i>Euphorbia nivulia</i> L.	Senhur	Shrub	Jaundice, dropsy, syphilis, leprosy, bronchitis
8.	<i>Euphorbia royleana</i> Boiss. L.N.	Thuar	Shrub	Leukaemia
9.	<i>Euphorbia thymifolia</i> L.	Duddhi	Herb	Antispasmodic, bronchiodilator, galactagogue, fever, bronchial asthma, skin diseases, constipation, dandruff
10.	<i>Jatropha curcus</i> L.	Ratanjyot	Shrub	Eczema, herpes, bleeding wounds
11.	<i>Jatropha gossypifolia</i> L.	Vilayati arand	Shrub	Eczema, leprosy, antidote for snake bite
12.	<i>Pedilanthus tithymaloides</i> Poir.	Naagadaman	Shrub	Emetic, leucoderma, warts, venereal diseases
13.	<i>Ricinus communis</i> L.	Arand	Shrub	Diarrhoea, constipation, conjunctivitis
Fabaceae				
1.	<i>Acacia concinna</i> Willd.	Sikakai	Tree	Febrifuge, expectorant, emetic, malarial fever, dandruff, leprosy, skin diseases, hair loss
2.	<i>Albizia lebeck</i> (L.) Willd.	Siris	Tree	Bronchitis, asthma, eosinophilia
3.	<i>Albizia procera</i> Benth.	Safed siris	Tree	Rheumatism, haemorrhage
4.	<i>Atylosia scarabaeoides</i> Benth.	Jangli tur	Herb	Antidysenteric, taeniafuge, febrifuge, anaemia,
5.	<i>Bauhinia acuminata</i> L.	Safed kachnar	Tree	Veneral diseases, leprosy, asthma
6.	<i>Butea monosperma</i> (Lamk.) Taubert	Palas	Tree	Wormicidal, leucorrhoea, diarrhoea, dysentery,
7.	<i>Cajanus cajan</i> (L.) Mill	Arhar	Shrub	Hypocholesterolaemic, jaundice, mouth ulcer
8.	<i>Caesalpinia crista</i> Lamk.	Puti karanj	Shrub	Febrifuge, astringent, anthelmintic
9.	<i>Caesalpinia sappan</i> L.	Patanga	Tree	Astringent, emmenagogue, diarrhoea, dysentery, skin

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10.	<i>Cassia fistula</i> L.	<i>Amaltas</i>	Tree	diseases Constipation, diabetes, leprosy
11.	<i>Cassia javanica</i> L.	<i>Java ki rani</i>	Tree	Diabetes, herpes
12.	<i>Cicer arietinum</i> L.	<i>Chana</i>	Herb	Antibilious, hypocholestermic, antistress, antihyperlipidemic, indigestion, diarrhoea, dysentery
13.	<i>Clitoria ternatea</i> L.	<i>Aparajita</i>	Herb	Constipation, snake bite, leprosy, urinary troubles
14.	<i>Cyamopsis tetragonoloba</i> (L.) Taub.	<i>Guar</i>	Herb	Small pox, jaundice, stomachic, small pox, malarial fever
15.	<i>Dalbergia sissoo</i> Roxb.	<i>Shisham</i>	Tree	Gonorrhoea, pimples, eye diseases
16.	<i>Delonix regia</i> (Boj) Raf.	<i>Gulmohar</i>	Tree	Arthritis, asthma, malaria
17.	<i>Derris scandans</i> Benth.	<i>Gonj</i>	Woody climber	Osteoarthritis, arthritis, musculoskeletal diseases
18.	<i>Desmodium gangeticum</i> (L.) DC.	<i>Salparni</i>	Under-shrub	Diarrhoea, tonic, diuretic, asthma, snake bite
19.	<i>Desmodium triflorum</i> DC.	<i>Tipatia</i>	Herb	Carminative, tonic, diuretic, galactagogue, diarrhoea
20.	<i>Dichrostachys cinerea</i> (L.) Wt. & Arn.	<i>Khairi</i>	Tree	Astringent, diuretic, rheumatism, ophthalmia
21.	<i>Dolichos lablab</i> L.	<i>Sem</i>	Herb	Febrifuge, stomachic, antispasmodic, antifungal
22.	<i>Erythrina indica</i> Lam.	<i>Parijataka</i>	Tree	Cathartic, diuretic, anti-inflammatory, antibilious, anthelmintic, febrifuge, astringent, expectorant
23.	<i>Indigofera enneaphylla</i> L.	<i>Hanumanbuti</i>	Herb	Antiscorbutic, diuretic, alterative, epilepsy, insanity
24.	<i>Indigofera linifolia</i> Retz.	<i>Sankhuli</i>	Herb	Amenorrhoea
25.	<i>Melilotus alba</i> Desr.	<i>Senji</i>	Herb	Astringent, discutient
26.	<i>Melilotus indica</i> All.	<i>Senji</i>	Herb	Emollient
27.	<i>Medicago sativa</i> L.	<i>Alfalfa</i>	Herb	Anticholesterolemic, hypertension, diabetes, peptic ulcer
28.	<i>Millettia pinnata</i> (L.) Panigrahi	<i>Karanja</i>	Tree	Rheumatism, eczema
29.	<i>Mimosa pudica</i> L.	<i>Chui mui</i>	Herb	Astringent, alterative, styptic, antiseptic, asthma, piles, diabetes, skin diseases, diarrhoea, dysentery
30.	<i>Mucuna pruriens</i> Baker	<i>Kewanch</i>	Herb	Wormicidal, leucorrhoea
31.	<i>Phanera purpurea</i> (L.) Benth.	<i>Gulabi kachnar</i>	Tree	Antidysenteric, diuretic, astringent vermifuge
32.	<i>Phanera variegata</i> (L.) Benth.	<i>Kachnar</i>	Tree	Ulcers, asthma syphilis, leprosy, diarrhoea
33.	<i>Phaseolus lunatus</i> L.	<i>Lobiya</i>	Herb	Astringent
34.	<i>Piliostigma racemosum</i> (Lam.)	<i>Kathmuli</i>	Tree	Astringent, anti-inflammatory, cholagogue, anthelmintic, piles
35.	<i>Pithecellobium dulce</i> (Roxb.) Benth.	<i>Jangal jalebi</i>	Tree	Astringent, febrifuge, antidysenteric, spasmolytic, anti-inflammatory, diabetes, leucoderma
36.	<i>Prosopis cineraria</i> Druce	<i>Shami</i>	Tree	Astringent, pectoral, demulcent, antirheumatic
37.	<i>Saraca indica</i> Roxb.	<i>Ashok</i>	Tree	Menorrhagia, leucorrhoea, piles dysentery, diabetes
38.	<i>Senegalia catechu</i> (L. f.) P. J. H. Hurter & Mabb.	<i>Khair</i>	Tree	Chest disorder, diarrhoea, dysentery, piles, leucorrhoea
39.	<i>Senegalia polyacantha</i> (Willd.) Seigler & Ebinger	<i>Shami</i>	Tree	Veneral diseases, dysentery, gastrointestinal disorders
40.	<i>Senna alata</i> (L.) Roxb.	<i>Dadrughna</i>	Shrub	Laxative, purgative, herpes, leprosy, ringworm
41.	<i>Senna alexandrina</i> Mill.	<i>Senna</i>	Shrub	Constipation
42.	<i>Senna occidentalis</i> (L.) Link	<i>Kasondi</i>	Shrub	Purgative, diuretic, febrifuge, stomachic, scabies, ringworm
43.	<i>Senna siamea</i> (Lam.) Irwin et Barnbey	<i>Kassod</i>	Tree	Laxative, purgative, diabetes
44.	<i>Senna tora</i> (L.) Roxb.	<i>Chakawad</i>	Herb	Eczema, sciatica, gout, rheumatism
45.	<i>Sesbania bispinosa</i> (Jacq.) W. Wight	<i>Dhaincha</i>	Shrub	Ringworm, skin diseases, wound healing
46.	<i>Sesbania sesban</i> (L.) Merrill	<i>Jayanti</i>	Shrub	Astringent, emmenagogue, menorrhagia, diarrhoea
47.	<i>Tamarindus indica</i> L.	<i>Imli</i>	Tree	Digestive, cooling, carminative, laxative, antiscorbutic, piles, dysuria, antipyretic, astringent, asthma, diarrhoea, amenorrhoea, anti-inflammatory, diabetes
48.	<i>Tephrosia purpurea</i> L.	<i>Sarpunkha</i>	Herb	Diuretic, laxative, bronchitis, jaundice, piles, dyspepsia, diarrhoea, dropsy, indigestion, dysentery, asthma, gout
49.	<i>Trigonella foenum-graecum</i> L.	<i>Methi</i>	Herb	Appetite, flatulence, colic, anaemia, dyspepsia, dysentery, diarrhoea, rheumatism
50.	<i>Uraria picta</i> Desr.	<i>Simhapushpi</i>	Herb	Antiseptic, chills, fever, urinary discharges, genitourinary infection
51.	<i>Uraria lagopodioides</i> Desr.	<i>Dasmoola</i>	Herb	Remittent fever, chest inflammation
52.	<i>Vachellia leucophloea</i> (Roxb.) Maslin, Seigler & Ebinger	<i>Reonja</i>	Tree	Astringent, anthelmintic, demulcent, antipyretic, bronchitis, syphilis, diarrhoea, dysentery, stomatitis
53.	<i>Vachellia nilotica</i> (L.) P. J. H. Hurter & Mabb.	<i>Babool</i>	Tree	Emollient, diarrhoea, dysentery, liver tonic, antipyretic, asthma
54.	<i>Vigna radiata</i> (L.) Wilczek	<i>Moong</i>	Herb	Peptic, ulcer, indigestion, fever, diarrhoea, general weakness

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55.	<i>Zornia diphylla</i> Pers. Fumariaceae	Dupatiya	Herb	Sedative, dysentery
1.	<i>Fumaria parviflora</i> Lamk. Gentianaceae	Bangajar	Herb	Wormicidal, diuretic, blood purifier, fever, skin diseases,
1.	<i>Enicostema littorale</i> Bl.	Chhota chirayata	Herb	Anthelmintic, malaria, dropsy, blood purifier, cardiostimulant, rheumatism, diabetes
2.	<i>Exacum tetragonum</i> Roxb. Hydrocharitaceae	Ava-chiraayata	Herb	Stomachic, febrifuge, antifungal
1.	<i>Vallisnaria spiralis</i> L. Lamiaceae	Sevaar	Herb	Stomachic, refrigerant, demulcent, leucorrhoea, spermatorrhoea
1.	<i>Clerodendrum infortunatum</i> Gaertn.	Bhant	Shrub	Antiperspirant, vermifuge, cough, cold, itching, worms, indigestion, leprosy, malarial fever
2.	<i>Clerodendrum serratum</i> (L.) Moon	Bharangi	Shrub	Anti-inflammatory, digestive, carminative, expectorant, anthelmintic, bronchitis, asthma, epilepsy, malaria, ulcer
3.	<i>Coleus amboinicus</i> Lour.	Pattharchur	Herb	Urinary diseases, vaginal discharge, colic, dyspepsia, epilepsy, asthma, bronchitis
4.	<i>Hyptis suaveolens</i> (L.) Poir.	Ganga tulsi	Herb	Carminative, antispasmodic, antispurific, antirheumatic, lactagogue, skin diseases
5.	<i>Leucas aspera</i> (Willd.) Link	Guma	Herb	Carminative, anti-histaminic, antiseptic, diabetes, fever, malaria, flatulence, jaundice, skin diseases
6.	<i>Mentha arvensis</i> L.	Pudina	Herb	Carminative, refrigerant, stimulant, rheumatism
7.	<i>Mentha spicata</i> L.	Pahari pudina	Herb	Nausea, vomiting, indigestion, common cold
8.	<i>Nepeta ruderalis</i> Buch.-Ham. ex Benth.	Baadranjboyaa	Herb	Carminative, sedative, antispasmodic, antiarrhoeal, diaphoretic, febrifuge, influenza
9.	<i>Ocimum basilicum</i> L.	Ban tulsi	Herb	Antispasmodic, stomachic, carminative, stimulant, antidysenteric, diuretic, demulcent
10.	<i>Ocimum canum</i> Sims.	Nai tulsi	Herb	Stimulant, diaphoretic, carminative, bechic, febrifuge, bronchitis, leucorrhoea
11.	<i>Ocimum sanctum</i> L.	Tulsi	Herb	Carminative, anti-spasmodic, stomachic, antimalarial, tuberculosis
12.	<i>Salvia officinalis</i> L.	Salbia	Herb	Astringent, anti-inflammatory, carminative, antispasmodic, antiseptic, cholagogue, diaphoretic, tonsillitis, stomatitis
13.	<i>Salvia plebeia</i> R. Br.	Bhui tulsi	Herb	Diuretic, anthelmintic, astringent, demulcent, toothache, diarrhoea, leucorrhoea, menorrhagia
14.	<i>Tectona grandis</i> L. f. Lauraceae	Sagwan	Tree	Diuretic, expectorant, anthelmintic, bronchitis, biliousness, urinary discharge, skin diseases
1.	<i>Cinnamomum verum</i> J. Persl.	Dalchini	Tree	Carminative, astringent, antispasmodic, expectorant, flatulence, nausea, flu
2.	<i>Cinnamomum camphora</i> L. Linaceae	Kapur	Tree	Carminative, sedative, rubefacient, hysteria, epilepsy,
1.	<i>Linum usitassimum</i> L. Linderniaceae	Alsi	Herb	Astringent, purgative, heart tonic
1.	<i>Lindernia crustacea</i> (L.) F. Muell Longaniaceae	Nilakanjiram	Herb	Ringworm, itches
1.	<i>Strychnos nux-vomica</i> L. Loranthaceae	Kutchala	Tree	Paralysis, neuralgia, rheumatism
1.	<i>Dendrophthoe falcata</i> (L. f.) Ettingsh Lythraceae	Banjha	Herb	Abortifacient, astringent, asthma, menstrual troubles
1.	<i>Ammannia baccifera</i> L.	Agnibuti	Herb	Skin diseases
2.	<i>Lagerstroemia speciosa</i> (L.) Pers.	Jarul	Tree	Astringent, stimulant, diuretic, febrifuge, purgative, diarrhoea
3.	<i>Lawsonia inermis</i> L.	Mehandi	Shrub	Astringent, anti-haemorrhagic, antispasmodic, oxytocic, anti-fertility, jaundice skin diseases
4.	<i>Punica granatum</i> L.	Anaar	Tree	Astringent, stomachic, colitis, dysentery, mouth ulcers, jaundice, earache, diarrhoea, dyspepsia
5.	<i>Woodfordia fruticosa</i> (L.) Kurz. Magnoliaceae	Dhawai	Shrub	Astringent, dysentery, diarrhoea, menorrhagia, leucorrhoea
1.	<i>Magnolia grandiflora</i> L.	Himchampa	Shrub	Anti-inflammatory, stimulant, diaphoretic, cold, headache, stomachache
2.	<i>Michelia champaca</i> L. Malvaceae	Champa	Shrub	Carminative, stomachic, antiseptic, tonic, stimulant, dyspepsia, nausea, fever, gonorrhoea

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1.	<i>Abelmoschus esculentus</i> (L.) Moench.	Bhindi	Herb	Antispasmodic, sudorific
2.	<i>Abutilon indicum</i> (L.) Sweet	Kanghi	Shrub	Gonorrhoea, bronchitis, piles, leprosy
3.	<i>Bombax ceiba</i> L.	Semal	Tree	Astringent, stimulant, demulcent, diuretic, syphilis, dysentery, toothache, diuretic, expectorant, styptic, chicken pox, small pox, diarrhoea, piles, spermatorrhoea
4.	<i>Corchorus aestuans</i> L.	Chunchu	Herb	Stomachic, anti-inflammatory, pneumonia
5.	<i>Grewia subinaequalis</i> DC	Phalsa	Shrub	Stomachic, astringent cooling, demulcent, digestion, gout, vomiting, urinary disorders
6.	<i>Grewia tiliaefolia</i> Vahl	Dhamin	Tree	Antidysenteric, bone fracture
7.	<i>Guazuma ulmifolia</i> Lamk.	Pundraksha	Tree	Anticatarrhal, carminative, demulcent, astringent, stomach troubles
8.	<i>Hibiscus rosa-sinensis</i> L.	Gurhal	Shrub	Emmenagogue, laxative, anodyne, pimples and boils, leucorrhoea, menorrhagia, impotency
9.	<i>Malvastrum tricuspidatum</i> L.	Kharenti	Herb	Diphoretic, dysentery
10.	<i>Pterospermum acerifolium</i> Willd.	Kanak champa	Tree	Anti-inflammatory, styptic, piles, haematuria, ulcers
11.	<i>Sida acuta</i> Burm. f.	Bariara	Under- shrub	Astringent, stomachic, demulcent, diuretic, febrifuge, sexual debility, elephantiasis
12.	<i>Sida cordifolia</i> L.	Bariara	Under- shrub	Headache, sciatica, rheumatism
13.	<i>Sida rhombifolia</i> L.	Sahdev	Under- shrub	Demulcent, diuretic, pulmonary tuberculosis, nervous disorders, rheumatism, skin diseases
14.	<i>Sterculia foetida</i> L.	Kudirai	Tree	Aperient, diuretic, astringent, carminative, laxative, rheumatism
15.	<i>Sterculia urens</i> Roxb.	Kullu	Tree	Dysentery
16.	<i>Sterculia villosa</i> Roxb.	Udal	Tree	Diuretic, aphrodisiac, rheumatism
17.	<i>Urena lobata</i> L.	Nagabala	Under- shrub	Diuretic, emollient, antispasmodic, anti rheumatic, pectoral, expectorant, hydrophobia
Martyniaceae				
1.	<i>Martynia annua</i> L.	Baghnakha	Herb	Anti-inflammatory, epilepsy, tuberculosis, gout, urinary disorders
Meliaceae				
1.	<i>Azadirachta indica</i> A. Juss.	Neem	Tree	Malaria, jaundice, skin diseases, small pox, syphilis
2.	<i>Melia azedarach</i> L.	Bakain neem	Tree	Diuretic, anthelmintic, antilithic, diuretic, sedative, emmenagogue, rheumatism
3.	<i>Swietenia humilis</i> Zuccarini	Bilayti neem	Tree	Anthelmintic, chest pains, cough, cancer, amoebiasis
Menispermaceae				
1.	<i>Cissampelos pareira</i> L.	Harjori	Shrub	Diuretic, antilithic, astringent, blood purifier, urinary troubles, diarrhoea, dysentery, bone fracture
2.	<i>Tinospora cordifolia</i> (Willd.) Miers	Gurich	Shrub	Fever, rheumatism, diarrhoea, diabetes, jaundice, syphilis, piles, gonorrhoea
Moraceae				
1.	<i>Artocarpus heterophyllus</i> Lamk.	Kathal	Tree	Skin diseases, asthma, diarrhoea
2.	<i>Artocarpus lakoocha</i> Roxb.	Barhal	Tree	Purgative, stomach disorders
3.	<i>Ficus benghalensis</i> L.	Bargad	Tree	Diarrhoea, leucorrhoea
4.	<i>Ficus carica</i> L.	Anjeer	Tree	Laxative, emollient, expectorant, carminative, analgesic
5.	<i>Ficus glomerata</i> Roxb.	Gular	Tree	Diabetes, dysentery, piles
6.	<i>Ficus hispida</i> L. f.	Gobla	Tree	Emetic, laxative, leucoderma, anaemia, jaundice
7.	<i>Ficus religiosa</i> L.	Pipal	Tree	Pox, gout, flatulence
8.	<i>Ficus rumphii</i> Blume	Pakar	Tree	Anthelmintic
9.	<i>Morus alba</i> L.	Sahtoot	Tree	Laxative, cooling, diuretic, expectorant, hypotensive, anti-inflammatory, emollient, diaphoretic, dyspepsia, melancholia
10.	<i>Morus nigra</i> L.	Kala sahtoot	Tree	Laxative, refrigerant, respiratory catarrh
11.	<i>Streblus asper</i> Lour.	Sinhor	Tree	Febrifuge, antidiarrhoeal, skin diseases, elephantiasis
Moringaceae				
1.	<i>Moringa oleifera</i> Lamk.	Sahajan	Tree	Antipyretic, anthelmintic, cholagogue, stimulant, cardiac tonic, nervous debility, asthma, stomach disorders, rheumatism
Musaceae				
1.	<i>Musa paradisiaca</i> L.	Kela	Herb	Laxative, dysentery, diarrhoea, diabetes, anthelmintic
Myrtaceae				
1.	<i>Eucalyptus globulus</i> Labill.	Safeda	Tree	Asthma, bronchitis, rheumatism, migraine, neuralgia, purgative
2.	<i>Psidium guajava</i> L.	Amrood	Tree	Constipation, scurvy, dysentery

S. No.	Groups/Family/Plant species	Vernacular name	Habit	Medicinal properties/ Diseases cured
3.	<i>Syzygium cumini</i> (L.) Skeels Nelumbonaceae	<i>Jamun</i>	Tree	Stomachic carminative, diuretic, diabetes, diarrhoea, dysentery
1.	<i>Nelumbo nucifera</i> Gaertn. Nyctaginaceae	<i>Kamal</i>	Herb	Astringent, haemostatic, piles, vomiting, headache, urinary troubles, cholera, dyspepsia
1.	<i>Boerhavia diffusa</i> L.	<i>Punarnava</i>	Herb	Diuretic, anti-inflammatory, jaundice, liver cirrhosis
2.	<i>Mirabilis jalapa</i> L. Nymphaeaceae	<i>Trisondhi</i>	Herb	Spasmolytic, purgative, urticaria, uterine discharge, abscess
1.	<i>Nymphaea stellata</i> Willd. Ochnaceae	<i>Nilofer</i>	Herb	Astringent, cutaneous diseases, diabetes, piles, dysentery, dyspepsia, menorrhagia
1.	<i>Ochna pumila</i> Buch. Ham. ex DC Oleaceae	<i>Bhui kusum</i>	Herb	Diarrhoea, dysentery, asthma, tuberculosis
1.	<i>Jasminum grandiflorum</i> L.	<i>Chameli</i>	Shrub	Emetic, stomatitis, diuretic, anthelmintic
2.	<i>Jasminum sambac</i> (L.) Ait.	<i>Bela</i>	Shrub	Fever, headache, eye troubles
3.	<i>Nyctanthes arbor-tristis</i> L. Oxalidaceae	<i>Harsingar</i>	Tree	Bitter tonic, wormicidal, cholagogue, febrifuge, antispasmodic, earache, fever, rheumatism, sciatica
1.	<i>Biophytum sensitivum</i> DC.	<i>Lajoni</i>	Herb	Diuretic, stomachic, chest complaints, insomnia, convulsion, cramps,
2.	<i>Oxalis corniculata</i> L.	<i>Khattibuti</i>	Herb	Astringent, antiscorbutic, analgesic, vermifuge, liver disorders, diarrhoea
3.	<i>Oxalis latifolia</i> Kunth. Pandanaeae	<i>Tinpatiya</i>	Herb	Urinary tract infections, skin infections, kidney disorders, digestive disorders
1.	<i>Pandanus tectorius</i> Soland. ex Parkinson Papavaraceae	<i>Keoraa</i>	Shrub	Carminative, stomachic, cooling, antiseptic, headache, ulcer, dysuria, scabies, osteoarthritis, leucorrhoea, small pox, scabies, leprosy
1.	<i>Argemone mexicana</i> L. Passifloraceae	<i>Bharbhand</i>	Herb	Vomiting, skin diseases, jaundice
1.	<i>Passiflora foetida</i> (L.) M. Roem. Pedaliaceae	<i>Karnaphool</i>	Herb	Sedative, hypnotic, antispasmodic, anodyne, convulsions, asthma, insomnia
1.	<i>Sesamum indicum</i> L. Phyllanthaceae	<i>Til</i>	Herb	Lactagogue, diuretic, laxative, emollient, piles, ulcer, diarrhoea, amenorrhoea, dysmenorrhoea,
1.	<i>Phyllanthus emblica</i> L.	<i>Aonla</i>	Tree	Diarrhoea, dysentery, ophthalmic diseases
2.	<i>Phyllanthus niruri</i> L.	<i>Bhui aonla</i>	Herb	Antispasmodic, antipyretic, diuretic, antiviral, hepatitis B
3.	<i>Phyllanthus simplex</i> Retz. Piperaceae	<i>Bhuyaamalaki</i>	Herb	Antiseptic, gonorrhoea, abscess
1.	<i>Piper longum</i> L.	<i>Pipar</i>	Under-shrub	Dyspepsia, bronchitis, asthma, hysteria, piles, gout
2.	<i>Piper nigrum</i> L. Plantaginaceae	<i>Pipli</i>	Under-shrub	Dyspepsia, flatulence, cholera, piles, malaria, constipation
1.	<i>Scoparia dulcis</i> L. Plumbaginaceae	<i>Ghodatulsi</i>	Herb	Bronchitis, fever, coughs, anaemia
1.	<i>Plumbago rosea</i> L. Poaceae	<i>Lal chitrak</i>	Shrub	Dyspepsia, piles, diarrhoea, paralysis, skin diseases, rheumatism
1.	<i>Agropyron repens</i> Beauv.	<i>Musk dana</i>	Herb	Demulcent, aperient, diuretic, urinary antiseptic
2.	<i>Bambusa bambos</i> Voss.	<i>Bans</i>	Woody grass	Asthma, phthisis, paralysis, hectic fever
3.	<i>Cymbopogon citratus</i> DC.	<i>Nimbu ghas</i>	Herb	Cholera
4.	<i>Cynodon dactylon</i> (L.) Pers.	<i>Doob</i>	Herb	Carminative, antiemetic, sedative
5.	<i>Dactyloctenium aegyptium</i> Beauv.	<i>Makari</i>	Herb	Astringent, anthelmintic, polyuria, wounds, ulcers
6.	<i>Dendrocalamus strictus</i> Nees	<i>Jangli bans</i>	Woody grass	Tonic, astringent
7.	<i>Desmostachya bipinnata</i> (L.) Stapf	<i>Kusha</i>	Herb	Diuretic, stimulant, menorrhagia
8.	<i>Echinochloa colonum</i> (L.) Link	<i>Jangali sawuk</i>	Herb	Diuretic
9.	<i>Echinochloa crus-galli</i> (L.) P. Beauv.	<i>Samak</i>	Herb	Haemorrhage, spleen disorders
10.	<i>Eulaliopsis binata</i> (Retz.) C.E. Hubbard	<i>Bhaabar</i>	Herb	Diuretic
11.	<i>Hordeum vulgare</i> L.	<i>Jav</i>	Herb	Cough, asthma, urinary tract infection, gastric, ulcers,

S. No.	Groups/Family/Plant species	Vernacular name	Habit	Medicinal properties/ Diseases cured
12.	<i>Imperata cylindrica</i> Rausch.	<i>Daabh</i>	Herb	anaemia, general debility Diuretic, anti-inflammatory
13.	<i>Saccharum officinarum</i> L.	<i>Ganna</i>	Shrub	Restorative, laxative, demulcent, diuretic, jaundice, urinary disorders
14.	<i>Sorghum vulgare</i> (L.) Pers.	<i>Jowar</i>	Herb	Demulcent, aphrodisiac
15.	<i>Zea mays</i> L.	<i>Makka</i>	Herb	Diuretic, urinary demulcent, antilithic, cystitis, urethritis, prostatitis
1.	Polygalaceae <i>Polygala chinensis</i> L.	<i>Meradu</i>	Herb	Asthma, bronchitis
1.	Prescaria <i>hydropiper</i> (L.) Delabre	<i>Paani maricha</i>	Herb	Haemostatic, astringent, anti-inflammatory, diuretic, lithontriptic, emmenagogue
2.	<i>Rumex dentatus</i> L. Portulacaceae	<i>Jangali palak</i>	Herb	Astringent, cutaneous disorders
1.	<i>Portulaca oleracea</i> L.	<i>Chhoti noni</i>	Herb	Diuretic, antiscorbutic, cardio-vascular disorders, stomatitis, dysuria
2.	<i>Portulaca quadrifida</i> L. Putranjivaceae	<i>Badi noni</i>	Herb	Asthma, cough, inflammation, ulcers
1.	<i>Putranjiva roxburghii</i> Wall. Rhamnaceae	<i>Putranjiva</i>	Shrub	Fever, cough, cold, spruce
1.	<i>Ziziphus mauritiana</i> Lamk.	<i>Ber</i>	Tree	Astringent, anodyne, cooling, stomachic, styptic, diarrhoea, astringent, skin disorders
2.	<i>Ziziphus nummularia</i> (Burm. f.) Wt. & Arn.	<i>Jharber</i>	Shrub	Cooling, wormicidal, astringent, scabies, diarrhoea, skin diseases
3.	<i>Ziziphus oenoplia</i> Mill Rosaceae	<i>Soorai</i>	Shrub	Stomachic, hyperacidity, ascariis infection
1.	<i>Prunus amygdalus</i> Baill	<i>Badaam</i>	Tree	Diabetes, peptic ulcers, nerve tonic, demulcent
2.	<i>Prunus persica</i> Batsch.	<i>Aadu</i>	Tree	Sedative, stomachic, diuretic, anthelmintic, styptic, whooping cough, chronic bronchitis,
3.	<i>Rosa indica</i> L.	<i>Gulab</i>	Shrub	Constipation, eye disorders
4.	<i>Rosa damascena</i> Mill. Rubiaceae	<i>Gulab</i>	Shrub	Constipation, stomach disorders
1.	<i>Haldina cordifolia</i> Roxb.	<i>Haldu</i>	Tree	Antiseptic, inflammation, wounds and ulcers, skin diseases, dysentery, fever
2.	<i>Borreria articularis</i> L.	<i>Vasuka</i>	Herb	Antiseptic, anti-inflammatory, emmenagogue, analgesic, sedative, hypotensive, diarrhoea, dysentery, piles
3.	<i>Ixora coccinea</i> L.	<i>Rukmini</i>	Shrub	Dysentery, leucorrhoea, dysmenorrhoea, bronchitis
4.	<i>Mussaenda frondosa</i> L.	<i>Shrivati</i>	Tree	Diuretic, antiperiodic, antiasthmatic, ulcers, jaundice, white leprosy
5.	<i>Neolamarckia cadamba</i> (Roxb.) Bossers	<i>Kadamba</i>	Tree	Vomiting, fever, leucorrhoea
6.	<i>Oldenlandia corymbosa</i> L.	<i>Daman papad</i>	Herb	Cooling, febrifuge, anthelmintic, stomachic, pectoral, jaundice
7.	<i>Oldenlandia diffusa</i> (Willd.) Roxb. Rutaceae	<i>Chaya parpatika</i>	Herb	General weakness, fever, gonorrhoea, biliousness, cancer
1.	<i>Aegle marmelos</i> (L.) Correa	<i>Bael</i>	Tree	Diarrhoea, dysentery, constipation, dyspepsia, intermittent fever
2.	<i>Citrus limon</i> (L.) Burm.f.	<i>Nimbu</i>	Tree	Antiscorbutic, carminative, stomachic, antihistaminic
3.	<i>Citrus maxima</i> (Burm.) Merrill	<i>Chakotra</i>	Tree	Cardiotonic, sedative, epilepsy, haemorrhagic diseases
4.	<i>Citrus medica</i> L.	<i>Kagazi nimbu</i>	Tree	Fever, enlarged spleen, dyspepsia
5.	<i>Citrus paradisi</i> Macf.	<i>Chakotra</i>	Tree	Influenza, headache
6.	<i>Murraya koenigii</i> (L.) Spreng	<i>Meethi neem</i>	Tree	Stomachic, antiprotozoal, spasmolytic, antidysenteric, skin disorders, diabetes, diarrhoea
7.	<i>Murraya paniculata</i> (L.) Jacq. Santalaceae	<i>Kamini</i>	Shrub	Astringent, antipyretic, diarrhoea, dropsy, dysentery
1.	<i>Santalum album</i> L. Sapindaceae	<i>Safed chandan</i>	Tree	Cooling, diaphoretic, diuretic, expectorant, antiseptic
1.	<i>Sapindus mukorossi</i> Gaertn.	<i>Reetha</i>	Tree	Emetic, expectorant, epilepsy
2.	<i>Schleichera oleosa</i> (Lour.) Oken. Sapotaceae	<i>Lakshaa vriksha</i>	Tree	Astringent, rheumatism, alopecia, itching
1.	<i>Madhuca longifolia</i> (J. Konig) J. F. Macbr.	<i>Mahua</i>	Tree	Laxative, bechic, stimulant, rheumatism
2.	<i>Mimusops elengi</i> L.	<i>Mulsari</i>	Tree	Astringent, purgative, fever, pyrohoea, chronic

S. No.	Groups/Family/Plant species	Vernacular name	Habit	Medicinal properties/ Diseases cured
	Scrophulariaceae			dysentery
1.	<i>Bacopa monnieri</i> (L.) Pennell	<i>Brahmi</i>	Herb	Insanity, epilepsy
2.	<i>Linaria ramosissima</i> (Wall.) Janch.	<i>Kanoti</i>	Herb	Diabetes
3.	<i>Lindenbergia indica</i> Kuntz	<i>Peeli buti</i>	Herb	Bronchitis, skin eruptions
	Smilacaceae			
1.	<i>Smilax zeylanica</i> L.	<i>Ram datum</i>	Woody climber	Dysentery, diarrhoea, rheumatism, venereal diseases
	Solanaceae			
1.	<i>Capsicum annuum</i> L.	<i>Mirch</i>	Under-shrub	Neuralgia, rheumatic disorders
2.	<i>Capsicum frutescens</i> L.	<i>Surkh mirch</i>	Under-shrub	Arthritis, rheumatism, lumbago, chilblains
3.	<i>Datura metel</i> L.	<i>Dhatura</i>	Herb	Asthma, bronchitis, whooping cough, dandruff, piles, fistula
4.	<i>Datura innoxia</i> L.	<i>Dhatura</i>	Herb	Stomachache
5.	<i>Lycopersicon esculentus</i> Mill.	<i>Tamatar</i>	Herb	Blood purifier, cholagogue, digestive, anaemia
6.	<i>Physalis minima</i> L.	<i>Tankaari</i>	Herb	Diuretic, aperient, alterative, gout, urinary disorders
7.	<i>Solanum melongena</i> L.	<i>Baigan</i>	Shrub	Anticholesterolemic, amenorrhoea, antiasthmatic, liver disorders
8.	<i>Solanum nigrum</i> L.	<i>Makoy</i>	Herb	Anti-inflammatory, antispasmodic, sedative, diuretic, dropsy, jaundice, gonorrhoea, diarrhoea, cardiac disorders
9.	<i>Solanum torvum</i> Sweet	<i>Brihati</i>	Shrub	Digestive, diuretic, sedative, haemostatic
10.	<i>Solanum xanthocarpum</i> Schrad. & Wendl.	<i>Bhatakaatiya</i>	Herb	Asthma, fever, dropsy, flatulence, gonorrhoea
11.	<i>Withania somnifera</i> Dunal	<i>Ashwagandha</i>	Shrub	Rheumatism, paralysis, nerve tonic
	Symplocaceae			
1.	<i>Symplocos racemosa</i> Roxb.	<i>Lodh</i>	Tree	Cooling, aperients, dropsy, liver disorders, skin diseases
	Tamaricaceae			
1.	<i>Tamarix aphylla</i> (L.) Karst.	<i>Laal jhau</i>	Tree	Astringent
2.	<i>Tamarix dioica</i> Roxb.	<i>Jhau</i>	Tree	Cancer, whooping cough, dysentery
	Typhaceae			
1.	<i>Typha latifolia</i> L.	<i>Patera</i>	Herb	Diuretic, galactagogue, refrigerant, dysuria, amenorrhoea, whooping cough, diarrhoea, cystitis
	Ulmaceae			
1.	<i>Holoptelea integrifolia</i> (Roxb.) Planch.	<i>Chilbil</i>	Tree	Wormicidal, rheumatism, scabies, eczema, hydrocele, ringworms,
	Urticaceae			
1.	<i>Urtica dioica</i> Roxb.	<i>Anjura</i>	Herb	Diuretic, astringent, haemostatic
	Verbenaceae			
1.	<i>Lantana camara</i> L.	<i>Kurri</i>	Shrub	Antispasmodic, antipyretic, antirheumatic, antiseptic, antimalarial
2.	<i>Lippia nodiflora</i> Rich.	<i>Bakkum buti</i>	Herb	Cooling, febrifuge
	Vitaceae			
1.	<i>Cissus quadrangularis</i> L.	<i>Harjod</i>	Herb	Bone fracture, ankle, scurvy
2.	<i>Vitis vinifera</i> L.	<i>Angoor</i>	Woody climber	Cough, respiratory tract catarrh, enlarged liver and spleen, alcohol based tonic
	Xanthorrhoeaceae			
1.	<i>Aloe arborescens</i> Mill.	<i>Ghritkumari</i>	Shrub	Cancer, cut, burns, degenerative diseases
2.	<i>Aloe vera</i> (L.) Burm.	<i>Ghritkumari</i>	Shrub	Jaundice, dyspepsia, skin diseases
3.	<i>Asphodelus tenuifolius</i> L.	<i>Piyazi</i>	Herb	Diuretic, anti-inflammatory
	Zingiberaceae			
1.	<i>Alpinia zerumbet</i> (Pers.) Burt. & Smith	<i>Narkachur</i>	Herb	Dyspepsia, diarrhoea, malaria, hypertension
2.	<i>Curcuma longa</i> L.	<i>Haldi</i>	Herb	Stimulant, antiperiodic, tonic alterative, carminative, diarrhoea, jaundice, intermittent fever, dropsy, urinary troubles, diabetes
3.	<i>Elettaria cardamomum</i> (L.) Maton	<i>Chhoti ilaichi</i>	Herb	Asthma, bronchitis, piles, scabies, earache, toothache
4.	<i>Zingiber officinale</i> Rosc.	<i>Adrak</i>	Herb	Antiemetic, anti-flatulent, anti-inflammatory, antispasmodic, expectorant, cold, influenza, dyspepsia, colitis, rheumatism, piles, neuralgia
	Zygophyllaceae			
1.	<i>Tribulus terrestris</i> L.	<i>Gokhru</i>	Herb	Diuretic, demulcent, spasmolytic, hypotensive, urinary disorders, impotency, asthma, gall bladder stone, syphilis

Table 2. Quantitative analysis of genera, families, species, origin status and duration of medicinal plant species of the Banaras Hindu University main campus.

S. No.	Groups	Genera	Families	Species	Origin status		Duration		
					Native	Exotic	Annual	Biennial	Perennial
1.	Pteridophytes	4	4	5	2	3	2	-	3
2.	Gymnosperms	5	3	6	3	3	-	-	6
3.	Angiosperms	308	96	404	220	184	145	9	250

5. Conclusion

It can be concluded from the study that Banaras Hindu University main campus hosts a large variety of medicinal plant species dominated by Fabaceae, Asteraceae and Malvaceae families. Therefore, these medicinal plants need to be preserved and propagated on the university campus for the maintenance of biowealth and also for the fulfillment of the medicinal needs of the present and future generations.

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