



# A REVIEW ON ETHNOMEDICINAL PLANTS USED IN HUMAN HEALTH CARE BY THE PEOPLE OF ASSAM, INDIA

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## ABSTRACT

The tribal people and ethnic groups of Assam have been using local plants for primary health care and the treatment of various diseases for a longer time. The aim of the present study is to carry out an ethnobotanical review on medicinal plants used for the preparation of natural remedies, health care, diet and folk healing practices recognized by the people of Assam. Earlier published data in journals, textbooks, periodicals, websites and databases associated with ethnomedicine were useful for gathering information. About 433 species of medicinal plants have been documented in Assam, belonging to about 107 families for the treatment of numerous diseases.

## KEYWORDS

Ethnomedicine, Medicinal plants, Human health care, Assam

## INTRODUCTION

People are utilizing the resources particularly the bio resources around him since the dawn of human civilization. Starting their life as forest dwellers they acquire immense knowledge of plants, animals and natural resources (Konwar, 2020). People have been utilizing plants as medicine and for other necessities since time immemorial (Jeyaprakash, 2011). Since thousands of years people has been practicing the traditional system of health care to treat different diseases (Biplov,2015). Based on thousands of years of belief and observations,the traditional system of knowledge has been practiced and it is the key to the development of modern medicine (Jeyaprakash, 2011). Research and studies based on indigenous use of plants and in traditional knowledge system are providing fundamental information in the search for new drugs, foods, natural products, gene resources and chemicals (Rout, 2002). Traditional medicinal systems

are considered safe, effective and inexpensive and the traditional medicines are an important component of primary health care system in developing countries like India.

Ethnomedicine is the area of anthropology that studies different societies' notions of health and illness, including how people think and how people act about well being and healing. It is the science of Ethnobotany deals with the straight association between man and plants. "Traditional medicine is the sum of total knowledge, skills, practice based on theories, beliefs and experiences indigenous to different cultures that are used to maintain health as well as to prevent, diagnose, improve or treat physical and mental illness." (Arya, 2016) Ethnomedicinal studies have two basic goals, firstly it examines the health related theories and knowledge that people inherit and learn by living in a culture. This information forms the base of a culture's medical common sense or medical logic that people use to explained treat their illness and second goal is medical translation. We seek not only to understand the medical thinking of one group but to compare ideas cross-culturally for regional and global understanding. Translation of ethnomedicinal knowledge is applicable to improve health care delivery for the group studied, or to inform alternative health practices for other societies (Quinlan, 2011).

According to WHO 80% of the rural population in the third world countries use different kinds of locally available plants as medicine (Sailo, 2017).

Assam serves as a major gateway to the Northeastern corner of India. Assam basically shares borders with other countries such as Bhutan and Bangladesh and is surrounded by Indian states of Arunachal Pradesh, Nagaland, Manipur, Mizoram, Tripura and Meghalaya which together with Assam are called the Seven Sister States of the country. Assam is located between 24-28° North Latitude and 90-96° East Longitude. The total population of Assam has been 26,655,528. Assam constitutes 12.8% of the total tribal population of India (2001 census of India). Major ethnic tribes of Assam include Bodo, Mishing, Karbi, Dimas, Rabha, Tiwa, Sonowal Kachari (SK), Ahom, Tai Turung, Tai khamyang, Deori, Chutia, Koch, Motok, Moran, Chorei, Thengal kachari, Jaintia (J) etc. (Tamuli and Ghosal., 2017). Most of the tribal people and ethnic groups of Assam still practice their own culture, food habits, rituals and medicinal practices. For the conservation of indigenous knowledge the importance of documentation has been suggested (Rao, 2006)

Table: 1 List of ethnomedicinal plants used in treating various diseases:

(Abbreviation used: Vernacular name, Ass: Assamese; B: Bodo; De: Deuri; Dima: Dimasa; K: Karbi; Beng: Bengali; R: Rabha; Nep: Nepali; Mis: Mishing; J: Jayantia

Scientific Name	Vernacular Name	Family	Parts used	Uses
<i>Abelmoschus manihot</i> (L.) Medik.	Ass: Usipak	Malvaceae	Flowers	Chronic bronchitis and toothache
<i>Abroma augustum</i> (L.) L.f. <i>Abroma augusta</i>	Ass: Gorokhiakora, Gorokhia korai	Sterculiaceae	Root	Uterine tonic
<i>Abrus precatorius</i> L.	Ass: Latumoni	Fabaceae	Root, leaf	Diuretic, hair growth, fever, cough & cold, diarrhoea, dysentery, tonsil, antihelminthic
<i>Abutilon indicum</i> (L.) Sweet	Ass: Junuka goch, Asurium; De: Peripetari	Malvaceae	Leaf, Fruit Bark	Toothache, fever, chronic dysentery
<i>Acanthus leucostachyus</i> Wall. ex Nees	B: Mishisala	Acanthaceae	Leaf	Cuts and wound
<i>Achyranthes aspera</i> L.	B: Apang; Ass: Bioni hakuta	Amaranthaceae	Stem, leaf, root, whole plant	Menstrual problem, Toothache, Snake bite, Root-Swelling and wounds of nipple, leaf-cough and sore throat, cough, boils, skin infection, antihelminthic
<i>Acmella paniculata</i> (Wall. ex DC.) R.K.Jansen	Ass: Huhoni; B: Usumai	Asteraceae	Young stem, leaf, flower	Young leaf and stem-deworming, constipation, liver trouble, flower-toothache, Mouth ulcer, Malaria, Gum pain, antihelminthic, cure cavity formation
<i>Acorus calamus</i> L.	Ass: Bosh; B: Bishi bildi	Anaceae	Rhizome	Stomach pain, irregular menstrual, stop excessive uterine bleeding, dysuria, cough, dysmenorrhea, cough, ring worm, helminthic
<i>Aegle marmelos</i> (L.) Corrêa	Ass: Bel	Rutaceae	Fruit, root, leaf	Dysentery, diarrhoea, piles, jaundice, vomiting, eye disease, fever, seminal weakness, diarrhoea, appetite stimulant, amoebic dysentery, diabetes mellitus, indigestion, constipation, antihelminthic

<i>Ageratum conyzoides</i> L.	Ass: Gendhela bon, Gendhali bon; B: Bormad ari; K: Bong-nai-kelo k; De:Nasebasi	Asteraceae	Leaf	Cuts and wounds as antiseptic,antihelminthic
<i>Alangium chinense</i> (Lour.) Harms	Ass: Sika morolia,Maroli goch	Cornaceae Bercht. & J.Presl	leaf,stem bark, rhizome	Malaria

<i>Aleodaphne petiolaris</i> Hk.f.Vern.	Dima:Mandin	Lauraceae	Bark	Jaundice
<i>Allium sativum</i> L.	Dima:Salang; Beng:Rasu n; Ass: Nohoru	Amaryllidaceae J.St.-Hil.	Fresh leaves, bulb	High blood pressure,common cold,diabetes,Gastric, antihelminthic
<i>Alocasia acuminata</i> Schott	B:Thaso	Araceae	Tender shoot, flower, tuber	Blood purifier
<i>Alocasia indica</i> (Lour.) Spach	Ass: Mankochu	Araceae Juss.	Leaf, Rhizome	Insect bite
<i>Alocasia macrorrhizos</i> (L.) G.Don	Ass: Bor-kachu	Araceae Juss.	Corms, Rhizome, tender leaf	Knee joint pain,headache
<i>Aloe vera</i> (L.) Burm.f.	R:Saalkeuri; Ass:Sal kuwari	Asphodelaceae Juss.	Leaf	applied on Burn infected region,antihelminthic
<i>Alpinia galanga</i> (L.) Willd.	B:Jermao,Karphul,G andhi	Zingiberaceae	Leaves, root	Diabetes mellitus,Rheumatoid arthritis
<i>Alpinia malaccensis</i> (Burm.f.) Roscoe	Ass: Bor tora	Zingiberaceae	Rhizome	Sore
<i>Alstonia scholaris</i> (L.) R.Br.	Ass: Satiana; De:Satiana,Chatim; R:Chaituang	Apocynaceae	Bark, Milky juice extract, Leaf, latex	Malarial fever,ulcer,chronic dysentery,snake bite,diarrhoea

<i>Alternanthera ficoidea</i> (L.) P.Beauv.	Ass: Brindabon	Amaranthaceae	Tender shoot	Cuts and wound
<i>Alternanthera sessilis</i> (L.) R.Br. ex DC.	R:Matikanduri	Amaranthaceae	Leaf	Skin infection,Snakebite,Promote lactation,effective hair tonic, galactagogue,dysentery,antihelminthic
<i>Amaranthus blitum</i> L.	Ass:Khutora	Amaranthaceae	Stem,leaf, root,whole plant	Small pox,stem juice-snake bite,root juice-to overcome impotency,improve eyesight
<i>Amaranthus spinosus</i> L.	R:Khentyimyra; Ass: Hati-khutura,	Amaranthaceae	Leaf & stem,root, tender shoot	Dysentery,galactagogue,root juice-diarrhoea, increase lactation in nursing mother, antihelminthic
<i>Amaranthus tricolor</i> L.	Ass: Baishalya karani	Amaranthaceae	Leaf	Cuts and wound
<i>Amomum dealbatum</i> Roxb.	Salaphiah	Zingiberaceae	Roots/ Rhizome	cure joint pains
<i>Amorphophallus paeoniifolius</i> (Dennst.) Nicolson	Ass: Ul kosu	Araceae	Corm, Tender shoot	Sinusitis,piles,dysentery,rheumatism
<i>Anamirta cocculus</i> (L.) Wight & Arn.	De:Chumu; Ass:Kumora	Menispermaceae Juss.	Seed	Skin diseases, antihelminthic
<i>Ananas comosus</i> (L.) Merr.	Ass: Matikothal; De:Yatiju; B:wimdli; Nep:Katar; Mis:Kataki Kanthal; Dima:Layamuri	Bromeliaceae Juss.	Leaves, fruits	Diarrhea,Tender leave is used as a vermicide for children,Lung tonic,Strangury,antihelminthic
<i>Andrographis paniculata</i> (Burm.f.) Nees	R:Kirta; Ass:Kalmegh, Chirota;B:Soraigukha, Kalmith,Nagadona	Acanthaceae	Stem,leaf, whole plant	Dysentery,fever,eradicate worms,stomach trouble,fever,worm,dysentery,snakebite, insect bite, astringent,gastrointestinal tract infection in children,diabetes mellitus,malaria

<i>Angiopteris evecta</i> (G.Forst.) Hoffm.	B:Gokur	Marattiaceae Kaulf.	Rhizome	Piles	D
<i>Antidesma ghaesembilla</i> Gaertn.	Ass:Halos	Phyllanthaceae	Leaf	Headache	K
<i>Aquilaria malaccensis</i> Lam.	Ass:Saasi,Sachi goch	Thymelaeaceae Juss	Wood,root	Oil extracted from wood is used in skin diseases,Abdominal pain	B a
<i>Ardisia humilis</i> Vahl		Primulaceae		antihelminthic	S
<i>Areca catechu</i> L.	Ass: Tamul	Arecaceae	Nuts	Skin rashes and boils	T

<i>Argemone mexicana</i> L.	B: Siyalkata	Papaveraceae	Root	Cuts and wound	D
<i>Argyrea nervosa</i> (Burm.f.) Bojer		Convolvulaceae Juss.	Tubers	Tumor in gall bladder	D
<i>Aristolochia acuminata</i> Lam.	Ass: Paan pipali	Aristolochiaceae	Leaf	Tuberculosis	D
<i>Aristolochia indica</i> L.	Ass: Iswarmool	Aristolochiaceae	Root	Enhance fertility in male, quick healing of wounds	T
<i>Artemisia indica</i> Willd.		Asteraceae	Leaf	Menstrual problem, Conjunctivitis	S
<i>Artemisia vulgaris</i> L.		Asteraceae	Leaf	Antihelmentics, blood purifier, asthma	S
<i>Artocarpus heterophyllus</i> Lam.	B: Khanthal	Moraceae	Leaf	Diabetes mellitus	D
<i>Artocarpus integer</i> (Thunb.) Merr.	Ass: Kothal De: Tizu	Moraceae	Fruit	Asthma, cuts, fever, wounds, diabetes, jaundice, snake bite	H
<i>Artocarpus lacucha</i> Buch.-Ham.	Ass: Bohot, deuasali Mis: Belng	Moraceae	Fruit	Dysentery, Toothache	S 1 K

<i>Arum dioscoridis</i> Sm.		Araceae	Stem	Boils	
<i>Asparagus officinalis</i> L.	Ass: Satmul	Asparagaceae	Stem, root	Diuretic, urinary disorder, epilepsy, hysteria	
<i>Asparagus racemosus</i> Willd.	Ass: Sotomul; B: Nilikhor	Asparagaceae	Root, tubers, leaf	Gives stamina, enhances fertility in both male and female, Infertility, Gastric, Diabetes mellitus, Uterine disorder, TB, Epilepsy, Nervous disorder, Rheumatic pain, Diarrhea, Dysentery, antihelminthic	
<i>Averrhoa carambola</i> L.	B: Khamrenga; Ass: Kordoi	Oxalidaceae R.Br.	Fruits	Jaundice, kidney diseases, antihelminthic	
<i>Azadirachta indica</i> A.Juss.	Ass: Mohaneem, Neem; K: Nim-ke-ik; De: Kabasi chiya	Meliaceae	Fruit, Leaf, bark, seed oil	Asthma, Skin infection, Worm infection of the gastrointestinal tract, skin diseases, chicken pox, Gum bleeding, scabies, Diabetes mellitus, Leaf is used against skin diseases, leaf juice is taken orally to control diabetes, Bark juice is useful against worms, seed oil is used for abortion, anticancer, antimalarial, antifungal, antiulcer, hypoglycemic properties, hepatoprotective-jaundice, liver	



				disorder
<i>Baccaurea ramiflora</i> Lour.	Ass: Leteku	Phyllanthaceae	Stem bark	Constipation, powdered bark is applied on infected umbilicus of newly born baby

<i>Baccharoides anthelmintica</i> (L.) Moench	Ass: Kaljeera	Asteraceae	Seed	Antihelmenthic
<i>Bacopa monnieri</i> (L.) Wettst.	Ass: Brahmi	Plantaginaceae	Whole plant	antihelminthic
<i>Bambusa balcooa</i> Roxb.	Ass: Bhaluka bah De: Gumade yuwa	Poaceae	Newly grown sucker, Shoots, young leaves, culm	insect bite, menorrhagia, use as an antiseptic, Pain killer in insect bites and menstrual problem, Post healing of skin cancer, dysentery, wounds antihelminthic
<i>Bambusa tuldoidea</i> Munro	Ass: Jati bah; De: jati yuwa	Poaceae	Leaves	Reliving of menstrual troubles, use as vermicide
<i>Barleria cristata</i> L.	J: Sajhia	Acanthaceae	Aerial parts	Skin infection
<i>Barleria noctiflora</i> L.f.	J: Sajhia	Acanthaceae	Aerial shoot	Skin infection
<i>Barringtonia macrostachya</i> (Jack) Kurz	Ass: Shingori	Lecythidaceae	Bark	Syphilis, leprosy
<i>Basella alba</i> L.	Ass: Puisaak, Ronga puroi	Basellaceae Raf.	Leaves	Piles, reduce labor pain, Skin rash
<i>Bauhinia macrostachya</i> Benth.	Ass: Makorighila	Fabaceae	Leaf, Stem	Enhance fertility in male, gives stamina
<i>Bauhinia purpurea</i> L.	R: Sitakaia; Beng: Kanchan	Fabaceae	Bark	Leucorrhoea, menstrual trouble
<i>Begonia roxburghii</i> (Miq.) A.DC.	Dima: Alumithri; B: Almikri; J: Cheecharap, Jajau- mo	Begoniaceae	Rhizome, Root, petiole, leaf	Skin diseases, Cough and fever, Help to remove thorns stuck in body parts and prevent further infection

<i>Begonia thomsonii</i> A.DC.		Begoniaceae	Roots	Skin infection
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<i>Benincasa hispida</i> (Thunb.) Cogn.	Ass: Boga bhui kumura, Chal kumura	Cucurbitaceae Juss.	Fruit	Enhances male fertility
<i>Bistorta affinis</i> (D.Don) Greene	J: Jarian	Polygonaceae	Leaf	Applied on the wounds to stop bleeding
<i>Bixa orellana</i> L.	Ass: Jorot goch	Bixaceae	Stem bark	Dysentery, kidney trouble, antihelminthic
<i>Blainvillea acmella</i> (L.) Philipson	Ass: Bonoria malkthi, Suhuni bon	Asteraceae	Inflorescence	Sore mouth and tongue, inflammation of throat
<i>Blechnum orientale</i> L.	Dhekia, H: Vobnam, V: Ch hekliampa	Aspleniaceae	Fron, rhizome	Stomachache, urinary bladder infection, skin diseases, Cuts and wounds
<i>Blumea lacera</i> (Burm.f.) DC.		Asteraceae	Leaf	Gum bleeding
<i>Boerhavia coccinea</i> Mill.	Ass: Purnanowa; De: Misgu	Nyctaginaceae	Whole plant	antihelminthic
<i>Boerhavia repens</i> L.	Ass: Ponownowa	Nyctaginaceae	Leaf, root	Anaemia, asthma, internal inflammation of intestine, antidote against snakebite
<i>Boesenbergia rotunda</i> (L.) Mansf.	Ass: Paati alu	Zingiberaceae	Tubers	Jaundice, indigestion, muscular pain
<i>Bombax ceiba</i> L.	Beng: Simul; Ass: Himolu	Malvaceae	Seed	Liver and stomach troubles
<i>Bonnaya ciliata</i> (Colsm.) Spreng.	Ass: Horu kasidoria	Linderniaceae	Leaf	Cut injuries, carbuncle
<i>Bonnaya ruelloides</i> (Colsm.) Spreng.	Ass: Kasidoria bon	Linderniaceae	Whole plant	Tonsillitis
<i>Brassica nigra</i> (L.) W.D.J.Koch		Brassicaceae	seeds	Common cold
<i>Breynia androgyna</i> (L.) Chakrab. & N.P.Balacr.	Ass: Bari sundari	Phyllanthaceae	Fruit	Antihelminthic

<i>Broussonetia papyrifera</i> (L.) L'Hér. ex Vent.	Beng: Tuthphol	Moraceae	Fruit, Root, flower	Cough, jaundice, Constipation, carbuncles
<i>Brugmansia suaveolens</i> (Humb. & Bonpl. ex Willd.) Sweet	Dima: Khimbung	Solanaceae	Fruit	Dysentery
<i>Butea monosperma</i> (Lam.) Kuntze	Ass: Polash	Fabaceae	Flower, seed, bark	Urinary troubles, antihelminthic, Menstrual problem, Piles, Conjunctivitis
<i>Caesalpinia crista</i> L.	Ass: Leta guti	Fabaceae	Fruits, Seed, leaf	Fever, tonic, antipyretic
<i>Cajanus cajan</i> (L.) Huth	Dima: Khoklem; B: Aral, Khokling; Ass:	Fabaceae	Leaf	Diarrhoea, Jaundice, antihelminthic



	Rohor dali			
<i>Calamus tenuis</i> Roxb.	Ass: Bet gaaz, Jati bet	Aracaceae	Tender shoot	Skin cancer, Blood purifier
<i>Callicarpa arborea</i> Roxb.	Beng: Phul gamir	Lamiaceae	Bark, leaf	Diarrhea, Skin rashes
<i>Callicarpa longifolia</i> Lam.		Lamiaceae		
<i>Calotropis gigantea</i> (L.) W.T.Aiton	Ass: Akon; Mis: Akon pat; B: Gogonda	Apocynaceae	Leaf, Latex	Wart, warmed leaf is placed to relieve pain, Diabetes mellitus, antihelminthic
<i>Calotropis procera</i> (Aiton) W.T.Aiton	Ass: Akon	Apocynaceae	Latex, leaf, root, bark	Rheumatic pain, chest pain, toothache, leprosy
<i>Cannabis sativa</i> L.	Ass: Bhang	Cannabaceae	Leaves, flower	sedative and analgesic, reduce blood glucose level, Fungal infection
<i>Capsicum chinense</i> Jacq.	Ass: Bhut joloki; De: Bi-panchu	Solanaceae	Fruits	Respiratory infection, stomach problem

<i>Capsicum frutescens</i> L.	Dima: Morsai berma; Mis: Lukuni murchi; Ass: Kud-jolokia	Solanaceae	Fruit	Leech bite, Dysentery, respiratory disorder, Flatulence
<i>Carica papaya</i> L.	Ass/De: Omita; Dima: Koiphol; K: Mongcol; R: Koingkois; K: Nemosopi- kemen	Caricaceae	Fruit, flower, leaf, seed	Liver disorder, Worms, Fruits-Dysentery, Leaves-toothache, Seeds-deworming, flower-ear trouble, Pimple, infected skin, indigestion, Helminthiasis, insect bite, latex of tender fruit, burn injury, snake bite, jaundice, antifertility agent, Unripe fruit-liver disorder, constipation, Ripe fruit-digestion
<i>Carissa carandas</i> L.	Ass: Korja tenga	Apocynaceae	Stem bark, fruit	Dysentery, Chest pain, stomach problem
<i>Caryota urens</i> L.		Arecaceae	Root	Use as galactagogue to nursing mother
<i>Cascabela thevetia</i> (L.) Lippold	Ass: Korobiphul; K: Mir-keat	Apocynaceae	Stem bark, seed, leaf	Latex of stem bark-boil, infusion of bark-malaria, seed-antifertility agent, leaf-skin infection
<i>Cassia fistula</i> L.	Ass: Hunaru	Fabaceae	Root, fruit	Common cold, fungal infection in tongue of children, constipation, liver tonic, antihelminthic
<i>Catharanthus roseus</i> (L.) G.Don	Beng/Ass: Nayantara; B: Parboti; J: Santujri-so	Apocynaceae	Leaf, flower, root	Headache, Malignant tumor, insect bite, Enhance reproductive health, Diabetes mellitus, high blood pressure, nasal bleeding
<i>Celosia argentea</i> L.	Dima: Khemsagajao	Amaranthaceae	Leaf	White skin spot

<i>Celtis tetrandra</i> Roxb.		Cannabaceae	Tender leaf	Relieve pain after childbirth
<i>Centella asiatica</i> (L.) Urb.	Ass: Bor manimuni; J: Wangrake	Apiaceae	Whole plant	Cuts and wounds, headache, Abscess,carbuncles, Loss of appetite,dysentery,Diabetes mellitus,Blood purifies,skin diseases,stomach problem,nerv problem,hepatoprotective,memorybooster,ja ice,epilepsy,malaria,pneumonia,amoebic dysentery, conjunctivitis,eye injury,stomachic,indigestion and flatulence,antihelminthic

<i>Centipeda minima</i> (L.) A.Braun & Asch.	B: Haisu biphang; Ass: Hasoti bon	Asteraceae	Leaf	Cold,antihelminthic,Hepatoprotective-jaundice, liver disorder
<i>Chenopodium</i> <i>album</i> L.	B: Buthua	Amaranthacea e	Shoot	Common worms
<i>Chenopodium</i> <i>album</i> L.	Ass: Jilmil sak	Amaranthacea e	Leaves, tender shoots	Stomach pain;Constipation,cough
<i>Chromolaena</i> <i>odorata</i> (L.) R.M.King & H.Rob.	Dima: Sangkhabli; B: Bangrilewa; Ass: Bagh dhoka	Asteraceae	Leaf,root	Constipation,Cuts and wounds,headache,Asthma,dysentery
<i>Cinnamomum</i> <i>tamala</i> (Buch.-Ham.) T.Nees & C.H.Eberm.	Beng: Tejpata; Ass: Tejpat	Lauraceae	Bark,Leaf	Diarrhoea
<i>Cinnamomum</i> <i>verum</i> J.Presl		Lauraceae		antihelminthic
<i>Cissampelos</i> <i>pareira</i> L.	Ass: Garialota, Tubuki lota	Menispermace ae	Leaves,stem , root	Wounds,Dropsy,fever,antihelminthic
<i>Cissus</i> <i>quadrangularis</i> L.	Ass: Harjura lota	Vitaceae	Creeper, stem	Wounds,bone fracture,antihelminthic

<i>Cissus repanda</i> (Wight & Arn.) Vahl	Ass: Nol tenga	Vitaceae	Leaf	Stomach trouble
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<i>Cissus repens</i> Lam.	Ass: Nol tenga	Vitaceae	Tender leaf	Relieve stomach ailments
<i>Citrus aurantiifolia</i> (Christm.) Swingle	Ass: Kajinemu	Rutaceae	Fruit	Vomiting,diarrhea,Dysentery
<i>Citrus limon</i> (L.) Osbeck	Ass: Gul nemu, Jatinemu; De: Seta chiti	Rutaceae	Fruits	Gall bladder stones,Vomiting,Diarrhea,Flatulence,dysent anti helminthic
<i>Citrus maxima</i> (Burm.) Merr.	Ass: Robab tenga, Bor tenga	Rutaceae	Fruit	Expel worm,blood purifier,Involuntary shaking(tremor)
<i>Citrus medica</i> L.	Ass: Jora tenga	Rutaceae	Fruit,leaf	Paralysis,Skin ulcers, ring worms
<i>Citrus medica</i> L.		Rutaceae	Leaf	Skin ulcers, ring worm
<i>Clerodendrum colebrookeanum</i> Walp.	Ass:Naphaphu; De: Napapu; Mis: Pakkom; B: Mishimou,	Lamiaceae	Leaves	Hypertension,High blood pressure,antihelminthic
<i>Clerodendrum glandulosum</i> Lindl.	J: Jhr-khtung	Lamiaceae	Leaf	Diabetes,high blood pressure,Asthma
<i>Clerodendrum indicum</i> (L.) Kuntze	Ass: Akol-bih; Ass: Brahmajas thi; De: Akolbi	Lamiaceae	Root,fruit, leaf	Diarrhoea,Cough,stomach ache,Leave juice reduce malarial fever,root-tumors,skin diseases,antihelminthic,Diabetes,high blood pressure,Asthma
<i>Clerodendrum infortunatum</i> L.	Ass: Dhopat tita; B: Sobkha bendong, Mwkhwna; Beng: Bati	Lamiaceae	Leaf,root	Malaria,Insect bite,Bee sting,insanity,Diabe mellitus,deworming,dysentery,Inflammation Conjunctivitis

<i>Clitoria ternatea</i> L.	B: Nilkanthabiber; Beng/Ass: Aparajita	Fabaceae	Root,Seed, leaf	Cuts and wounds,dysentery,Impotency,ston trouble
<i>Coccinia grandis</i> (L.)Voigt	Ass: Belipoka, Kunduli	Cucurbitaceae	Root	Stops bleeding during pregnancy,Diabetes
<i>Cocos nucifera</i> L.		Aracaceae	Bark	Malaria,antihelminthic
<i>Coffea benghalensis</i> B.Heyne ex Schult.	Ass: Kothona	Rubiaceae	Bark	Heart trouble,Bleeding piles,Diarrhoea,Tuberculosis

<i>Coix lacryma-jobi</i> L.	Ass: Kawri-moni; De: Katu pomp	Poaceae	Root	Menstrual problem, treatment of all sort of ovary problems,irregular menstrual,backpain,antihelminthic
<i>Colocasia esculenta</i> (L.) Schott	Dima: Thaugunggishim; Ass: Kola kachu, Pani kochu; B: Thaso	Araceae	Stem,Corns , runners,Tubers,petioles, leaf	Insect bite,Piles,tonsillitis,Leaves -Blood coagulation(minor injuries),root-pharyngitis,Skin sores,blisters,cuts and wounds,antihelminthic
<i>Combretum indicum</i> (L.) DeFilipps	Ass: Malati phul	Combretaceae	Root	Antihelmenthic
<i>Combretum pilosum</i> Roxb. ex G.Don	Beng: Juniloth	Combretaceae	Leaves	Deworming
<i>Commelina benghalensis</i> L.	Ass: Kana-simalu	Commelinaceae	Tender shoot	Treat stye,Sore eyes
<i>Coriandrum sativum</i> L.	J: Loruphi	Apiaceae	Fruits	Stomach ache
<i>Crateva religiosa</i> G.Forst.	Ass: Barun	Capparaceae	Bark	Diarrhoea
<i>Crinum asiaticum</i> L.	B: Mwshou sambram	Amaryllidaceae	Bulb	Rheumatic pain

<i>Croton bonplandianus</i> Baill.	Beng: Photka	Euphorbiaceae	Latex	Cuts and wounds
<i>Croton caudatus</i> Geisel	Ass: Lota mahudi	Euphorbiaceae	Leaf	Kidney trouble;Urinary troubles
<i>Croton joufra</i> Roxb.	Ass: Goch mahudi	Euphorbiaceae	Leaf	Dysmenorrhoea
<i>Croton tiglium</i> L.	Ass: Konibih; De: Konibi	Euphorbiaceae	Stem,bark, seed	Toothache,amoebic dysentery,constipation,carbuncles
<i>Cucumis melo</i> L.		Cucurbitaceae		antihelminthic
<i>Cucurbita maxima</i> Duchesne	Ass: Ronga lao	Cucurbitaceae	Seed	Increase sexual vigour
<i>Curculigo orchioides</i> Gaertn.	R: Lairudams; Ass: Nagini paatla	Hypoxidaceae	Rhizome	Diarrhoea,Jaundice,Cuts and wound,impotency,Galactagogue
<i>Curcuma amada</i> Roxb.	Ass: Aam ada	Zingiberaceae	Rhizome	Diarrhoea
<i>Curcuma aromatica</i> Salisb.	Beng: Banhauld; B: Burabood; Ass: Bon halodhi,keturi,ketkuri	Zingiberaceae	Rhizome	Constipation,Malaria,sprains,Juice of the rhizome is given to women after child birth to remove weakness,blood purifier

<i>Curcuma caesia</i> Roxb.	Ass: Kolahaladhi	Zingiberaceae	Rhizome	Gout, sprains, bruises	S I
<i>Curcuma longa</i> L.	Beng: Hlud, Haldi; Ass: Halodhi; Dima: Slikdi; Kar bi: Tharmit	Zingiberaceae	Rhizome, leaf	Reduce body pain, Antiseptic, cough and fever, Cut injury, acidity, chest pain, Sprains and cramps, Acidity, infection, dyspepsia, antihelminthic	S a a

					D a G G al
<i>Cuscuta cassyoides</i> Nees ex Engelm.	Ass: Akakhi lota	Convolvulaceae	Whole plant, stem	Prevent premature hair fall, graying, control dandruff, Wounds, jaundice	B P G G
<i>Cyanthillium cinereum</i> (L.) H. Rob.	B: Hiyalmutra	Asteraceae	Leaf	Leucorrhoea	D
<i>Cycas revoluta</i> Thunb.	Dima: Thapin	Cycadaceae	Female cone	painful urination	R
<i>Cymbopogon nardus</i> (L.) Rendle	Ass: Gandh birina; B: Bahta sambram	Poaceae	Root, leaf	Burns and wounds, Bleeding of nose	S a
<i>Cynodon dactylon</i> (L.) Pers.	Ass: Dubori bon	Gramineae	Whole plant	Stop Excessive menstrual bleeding, enhance fertility in male, quick healing of wounds, Dysentery, cut and wounds, reduce headache, Menstruation trouble, leucorrhoea, increase male sperm count	D B a
<i>Cyperus brevifolius</i> (Rottb.) Hassk.	Ass: Kea bonor sesu	Cyperaceae	Nodules	Asthma	D
<i>Cyperus rotundus</i> L.	Ass: Keya bon, Mutha-bon; B: Mutha	Cyperaceae	Tuber, leaf, root	Stomach discomfort, Malaria, Menstrual problem, antioxidant property, diarrhoea, antiulcer activity, Antidiabetic Activity	B a H a
<i>Dactyloctenium aegyptium</i> (L.) PB	Ass: Bobosa bon	Poaceae	Culm	Asthma	B
<i>Datura innoxia</i> Mill.	Dima: Khimbung	Solanaceae	Leaf	Skin itchiness	R
<i>Datura stramonium</i> L.	R: Dhatura; Ass: Bogadhotura; Karbi Dido	Solanaceae	Seed	Skin diseases, Asthma, alopecia	D P a G

<i>Dendrocnide sinuata</i> (Blume) Chew	Ass: Chorat; Mis: Pajji	Urticaceae	Root	Mumps
<i>Dillenia indica</i> L.	Ass: Outenga; De: Chopa; B: Thaigir	Dilleniaceae	Root, leaf, fruit	Hair lotion, fever, dysentery, chest pain, Diabetes, Dysentery, flatulence, constipation
<i>Dimocarpus longan</i> Lour.		Sapindaceae	fruit	antihelminthic
<i>Dioscorea alata</i> L.	Ass: Kath alu; De: Achuta; Beng: Khamalu	Dioscoriaceae	Tubers	Fever, gonorrhoea, tumors, leprosy, piles
<i>Dioscorea bulbifera</i> L.	Ass: Gothia alu	Dioscoriaceae	Tuber	Piles
<i>Dioscorea esculenta</i> (Lour.) Burkill		Dioscoriaceae	Tuber	Swelling
<i>Diospyros malabarica</i> (Desr.) Kostel.		Ebenaceae	Seed	Dysentery
<i>Diplazium esculentum</i> (Retz.) Sw.	Ass: Dhekia; De: Deki; Beng: Paloi; R: Shikomamoidu	Aspleniaceae	Root, frond	Jaundice, Stimulate digestion, Urinary problems
<i>Docynia indica</i> (Wall.) Decne		Rosaceae	Leaf	Antiseptic, skin infection
<i>Dracaena angustifolia</i> (Medik.) Roxb.	Ass: Jam lakhuti, Hati kuhiar	Asparagaceae Juss.	Tubers	Paralysis, Jaundice
<i>Drymaria cordata</i> (L.) Willd. ex Schult.	Ass: Lajabori	Caryophyllaceae	Leaf, twig, whole plant	Headache, antihelminthic., Sinusitis, Fungal infection in tongue, Hepatoprotective- jaundice, liver disorder
<i>Duranta erecta</i> L.		Verbanaceae	Leaf	Remove skin scar

<i>Eclipta prostrata</i> (L.) L.	Ass: Keheraj; Beng: Kariya; B: Daoj eng jwla	Asteraceae	Leaf & stem, whole plant	Irregular menstrual, relieves from labour pain, Cuts and wounds, constipation, Prevent premature graying and hairfall, Conjunctivitis, skin rash
<i>Eichhornia crassipes</i> (Mart.) Solms-Loubach	Ass: Meteka	Pontederiaceae	Flower, root	Stomach ache, Pneumonia
<i>Elaeagnus caudata</i> Schltl. ex Momiy.	Dima: Dauling yaskur	Elaeocarpaceae	Root	Prevent Miscarriage



<i>Elaeocarpus angustifolius</i> Blume	Ass: Rudraksha	Elaeocarpaceae	Seeds	Controls blood pressure
<i>Elaeocarpus robustus</i> Roxb.	Dima: Bongkangkrai	Elaeocarpaceae	Fruit	Constipation
<i>Elephantopus scaber</i> Linn.	Ass: Bon tamaku		Root	Heart burn
<i>Elettaria cardamomum</i> (L.) Maton	Ass: Elaichi	Zingiberaceae		Antihelmenthic
<i>Eleusine indica</i> (L.) Gaertn.	Ass: Bobosa bon	Poaceae	Whole plant	Diabetes mellitus
<i>Entada phaseoloides</i> (L.) Merr.	Ass: Makorighila	Fabaceae	Seed	Diabetes mellitus, Tumor in gall bladder
<i>Enhydra fluctuans</i> Lour.	Beng: Hinch, Helonchi sak	Asteraceae	Stem, whole plant	Gastric ulcers, constipation, Laxative, ring wo
<i>Erechtites valerianifolia</i> (Link ex Spreng.) DC.	Ass: Bon kopah	Asteraceae	Leaves	Cuts and wound
<i>Eribotrya bengalensis</i> Hook.		Euphorbiaceae	Leaf	Eczema
<i>Eryngium foetidum</i> L.	Dima: Dhonia bakhori; Ass: Man dhania	Apiaceae	Leaf	Food allergy, Flatulence, stomach trouble

<i>Erythrina stricta</i> Roxb.	Ass: Modar	Fabaceae	Leaves	Skin cancer, Worms in pigs
<i>Erythrina 776</i> variegata L.	Ass: Modar	Fabaceae	Root	Helps in conceiving, provides stamina
<i>Eucalyptus globulus</i> Labill.	Ass: Eucalyptus	Myrtaceae	Leaf	Common cold
<i>Euphorbia hirta</i> L.	Ass: Gakhiroti bon	Euphorbiaceae	Tender shoot	Enhance lactation in nursing mother, Skin infection, Conjunctivitis,
<i>Euphorbia nerifolia</i> L.	Ass/De: Sijoo	Euphorbiaceae	Root, stem, latex, leaf	Antidote to snake poison, Burn injuries, boils and warts, Cough, body ache
<i>Euphorbia pulcherrima</i> Willd. ex Klotzsch	Ass: Lalpata	Euphorbiaceae	Latex	Galactagogue

<i>Euryale ferox</i> Salisb.		Nymphaeaceae			G
<i>Ficus hispida</i> L.f.	Ass: Khohota dimoru; De: Haba dimaru	Moraceae	Fruits,leaf, sticky latex	Liver ailments,urinary diseases and inflammatory	H
<i>Ficus religiosa</i> L.	Beng: Ashwata; B: Phakhri; Ass: Ahot gos	Moraceae	Leaf,Bark	Tonic,Diabetes mellitus,Cuts and wound, antiseptic,antihelminthic	D G a a
<i>Ficus virens</i> Aiton	Ass: Mau Dimoru; Mis: Tajig; B: Dumburu	Moraceae	Fruit	Diabetes mellitus,Diarrhoea	B H a
<i>Flacourtia jangomas</i> (Lour.) Raeusch.	Ass: Poniol	Salicaceae	Stem bark, leaf	Diarrhoea	B
<i>Flemingia strobilifera</i> (L.) W.T.Aiton	Ass: Makhioti	Fabaceae	Root	Menstrual irregularities	B P
<i>Fleurya interrupta</i>			Root	Urinary problems	S
<i>Floscopa scandens</i> Lour.	Ass: Soru kona simolu	Commelinaceae	Leaf	Sore eyes	B

<i>Garcinia cowa</i> Roxb. ex Choisy	Ass: Kuji thekera	Clusiaceae	Fruit	Diarrhoea,dysentery,flatulence	B
<i>Garcinia kydia</i> Roxb.	Ass: Kujithekera; De: Tischa	Clusiaceae	Fruits	Amoebic dysentery	H
<i>Garcinia lanceifolia</i> Roxb.	Dima: Susruthai:cAss:cRup ohi-thekera	Clusiaceae	Fruit	Diarrhoea,dysentery,flatulence	B a
<i>Garcinia morella</i> (Gaertn.) Desr.	Bodo: Thaika	Clusiaceae	Fruit	Dysentery	T
<i>Garcinia pedunculata</i> Roxb. ex Buch.-Ham.	Ass: Bor thekera	Clusiaceae	Fruit	Diarrhoea,dysentery,flatulence	B
<i>Garcinia xanthochymus</i> Hook.f. ex T.Anderson	Ass: Tepor tenga	Clusiaceae	Leaves,fruit s	Chronic dysentery,kidney stone	K
<i>Gardenia campanulata</i> Roxb.	Ass: Bihmona	Rubiaceae	Bark	Antihelmenthic,Throat cancer,Heart trouble, piles	D
<i>Globba multiflora</i> Wall. ex Baker	Beng: Jungliada	Zingiberaceae	Rhizome	Cuts and wound,swelling,headache	D
<i>Gloriosa superba</i> L.	Dima: Khindaula	Colchicaceae DC.	Leaf	Worms	R
<i>Glycosmis pentaphylla</i> (Retz.) DC.	Beng: Bonjamir	Rutaceae	Leaf	Skin diseases	D P

<i>Glycyrrhiza glabra</i> L.	Ass: Jesto modhu	Fabaceae	Roots,stem	Enhances fertility in male,cough	T G
<i>Gmelina arborea</i> Roxb. ex Sm.	Ass: Gomari	Lamiaceae	Leaf	Indigestion,flatulence	B
<i>Gomphostemma parviflorum</i> Wall. ex Benth.	Ass: Bhedai tita	Lamiaceae	Leaf	Malaria,Scabies,ring worm,fever	S

<i>Gomphrena celosioides</i> Mart.	Ass: Leheti	Amaranthaceae	Tender shoot	Blood purifier	B
<i>Gonostegia triandra</i> (Blume) Miq.	Beng: Chirchira	Urticaceae	Leaf& stem	galactagogue	D
<i>Gossypium arboretum</i> L.	J: Kamphat	Malvaceae	Seed	Improve memory power	S
<i>Gossypium herbaceum</i> L.	Mis: Shirpak	Malvaceae	Root	Skin disorders in fingers	T
<i>Guilandina bonduca</i> L.	Ass: Letaguti	Fabaceae	Seed	Pneumonia,Cough,Gastric troubles,Diarrhoea,Tumor in gall bladder,Quick healing of abscess,Heart trouble	B D a G H a
<i>Heliotropium indicum</i> L.	Beng: Hatisura	Boraginaceae	Root,leaf,	Ophthalmia,cuts and wounds,Used as shampoo to remove dandruff	D a
<i>Hellenia speciosa</i> (J.Koenig) S.R.Dutta	Ass: Jomlakhuti; B: Raja laothi	Costaceae	Root	Strangury,Otitis problem,skin diseases,Hepatoprotective-jaundice,liver disorder	S 1 e
<i>Heteropanax fragrans</i> (Roxb.) Seem.	Ass: Keseru	Araliaceae	Leaf,bark	Pneumonia,Blood dysentery	D &
<i>Hibiscus mutabilis</i> L.	Ass: Sthala padma	Malvaceae	Flower bud	Menorrhagia	B
<i>Hibiscus rosa-sinensis</i> L.	Ass: Joba phul	Malvaceae	Flower,leaf	Cuts and wounds,irregular menstrual trouble,Used as shampoo to remove dandruff	D a o h
<i>Hibiscus sabdariffa</i> L.	Ass: Mesta tenga, Tengamora	Malvaceae	Tender shoot, leaf	Diarrhoea,dysentery,fever,dyspepsia	B G a
<i>Hodgsonia heteroclita</i> (Roxb.) Hook.f. & Thomson	B: Hagrani jwgnar	Cucurbitaceae	Fruit	Diabetes mellitus	D

<i>Hodgsonia macrocarpa</i> (Blume) Cogn.	Ass: Thebou	Cucurbitaceae	Fruit	Wounds,bacterial infection	K
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<i>Holarrhena pubescens</i> Wall. ex G. Don	Ass: Dudh khoroi; B: Doukhri	Apocynaceae	Root, bark, seed	Malaria	P et
<i>Homalomena aromatica</i> (Spreng.) Schott	Ass: Gondho kochu	Araceae	Rhizome	Stomach ailment	B
<i>Houttuynia cordata</i> Thunb	B: Maisundri, Tengalai; Ass: Mosondori	Saururaceae	Leaves, stem	Dysentery, colic and bilious pain, Constipation, Gonorrhoea, Blood purifier, Jaundice, Skin infection, Flatulence, dysentery, diarrhoea	D a lu G D G H
<i>Hoya carnosa</i> (L.f.) R.Br.	Ass: Rupsokolia	Apocynaceae	Leaves	Jaundice, fever, cuts and wound	K
<i>Hoya globulosa</i> Hook.f.	R: Fashia	Apocynaceae	Leaf	Bone fracture	D
<i>Hydrocotyle javanica</i> Thunb.	Beng: Kudmankoni	Araliaceae	Whole plant	Stomach trouble	D
<i>Hydrocotyle sibthorpioides</i> Lam.	Ass: Horu manimuni	Araliaceae	Whole plant	kills intestinal worm, diarrhoea, dysentery, improves memory, Cures loss of appetite, skin rash, Diabetes mellitus, Dysentery, diarrhea, piles, rheumatism, as a digestive, diuretic and vermifuge and menstrual problem, hepatoprotective	B P G a al
<i>Ichnocarpus frutescens</i> (L.) W.T. Aiton	Ass: Dudhkuri lota	Apocynaceae	Root, whole plant	Fever, diabetes	B y
<i>Impatiens balsamina</i> L.	Ass: Dam deuka	Balsaminaceae	Stem, leaf	Jaundice, corns, urinary trouble	B

<i>Ipomoea alba</i> L.	Dima: Du mangkhlong	Convolvulaceae	Leaf	Improve appetite
<i>Ipomoea aquatica</i> Forsk.	Ass: Kolmou, Pani kolmow; B: Maande maigon	Convolvulaceae	Leaf	Menstrual problem, Enhance lactation in nursing mother, Diabetes, Wounds and boils, Impotence
<i>Ipomoea carnea</i> Jacq.	Beng: Kalam, Bahia	Convolvulaceae	Milky juice extract	Cuts and wound
<i>Ipomoea quamoclit</i> L.	Ass: Kunjalata	Convolvulaceae	Leaves	Piles
<i>Jatropha curcas</i> L.	Ass: Bongali era; Dima: Radaokhlong	Euphorbiaceae	Bark, Leaves, twig, seed, latex	Diarrhoea, Burns and wounds, Bleeding piles, Ulcer, tumor, scabies, skin disease, rheumatism, paralysis

<i>Justicia adhatoda</i> L.	Ass: Boga bahak; B: Barsikhe; Mis: Kampon baok	Acanthaceae	Leaves,root, flowers	Jaundice, Menstrual trouble, Cold, cough, blood purifier, Helminthiasis, asthma, Cut wound bleeding, Pneumonia, chest affections, expectorant, bronchitis, asthma, tuberculosis, diarrhoea, dysentery, malaria, Ulcers, warmed juice is used as massage on lower abdomen after childbirth, uterine contraction, Nose bleeding, dysentery
<i>Justicia gendarussa</i> Burm.f.		Acanthaceae	Leaf	Bone fracture, antihelminthic
<i>Kaempferia galanga</i> L.		Zingiberaceae	Rhizome	Applied on skin as emollient, Cough and cold, antihelminthic
<i>Kalanchoe pinnata</i> (Lam.) Pers.	Ass: Doopartenga, Pategaja; De: Cheta chaiya; Beng: Pathar kuci, Pathar chura	Crassulaceae	Leaves	Urinary troubles, Dysentery, cuts and wound, reduce headache, Diabetes mellitus, Kidney stone; Pneumonia, Burns and bruises, eye sores, eye itching, antihelminthic

<i>Lagenaria siceraria</i> (Molina) Standl.	Ass: Jati lao	Cucurbitaceae	Flower	Burn injury
<i>Lantana camara</i> L.		Verbenaceae	Leaves	Stimulate digestion, Cuts and wounds
<i>Lasia spinosa</i> (L.) Thwaites	Ass: Chengmora	Araceae	Leaf, rhizome	stomach ache, piles, injuries, snake and insect bite, Menstrual irregularities, leucorrhoea
<i>Lawsonia inermis</i> L.	Ass: Jetuka	Lythraceae	Leaf	Skin diseases; Hepatoprotective-jaundice, liver disorder
<i>Leea indica</i> (Burm.f.) Merr.	Ass: Kukurathengia	Vitaceae	Leaf, shoot	Fever, headache, body pain, broken joints
<i>Leonurus japonicus</i> Houtt.	Ass: Ronga doron	Lamiaceae	Leaf	Sore eyes
<i>Leonurus sibiricus</i> L.	Beng: Raktar on	Lamiaceae	Root	Stomach trouble
<i>Lepidium sativum</i> L.	Ass: Halim-sak	Brassicaceae	Tender shoot	Useful for liver
<i>Leucas aspera</i> (Willd.) Link	Ass: Durun bon; B: Khangsinsa; Beng: Drun kalash	Lamiaceae	Roots, Whole plant, leaf	Cough, dysentery, Indigestion, rheumatic pain, gum bleeding, Leaves-Lack of appetite, sinusitis, stomach complaints, headache, Skin problems Roots-pneumonia, swellings, ring worms, boils, snake bite, jaundice

<i>Leucas zeylanica</i> var. <i>zeylanica</i>	B: Khansisa	Lamiaceae	Leaf	Malaria
<i>Lippia alba</i> (Mill.) N.E.Br. ex Britton & P. Wilson	Beng: Pichas ban, Motka	Verbanaceae	Leaf	Cuts and wound

<i>Litsea cubeba</i> (Lour.) Pers.	Dima: Thiazing	Lauraceae	Fruit	Cough
<i>Litsea glutinosa</i> (Lour.) C.B.Rob.		Lauraceae	Leaf	Boils,antihelminthic
<i>Litsea monopetala</i> (Roxb.) Pers.	Ass/De: Sualo	Lauraceae	Root,bark	Ulcer,gastric trouble,diarrhea
<i>Litsea salicifolia</i> (Roxb. ex Nees) Hook.f.	Ass: Dighloti	Lauraceae	Leaf	Dysentery
<i>Ludwigia octovalvis</i> (Jacq.) P.H.Raven	Ass: Pani jolokia	Onagraceae	Whole plant	Fungal infection of toes
<i>Macaranga denticulata</i> (Blume) Müll.Arg.		Euphorbiaceae	Stem	Skin diseases,cuts and wounds
<i>Machilus gamblei</i> King ex Hook.f.	Ass: Som	Lauraceae	Fruit	Antihelminthic
<i>Magnolia champaca</i> (L.) Baill. ex Pierre	R: Chaimpa, champa	Magnoliaceae	Leaf,seed	Colic, appetizer, liver and stomach trouble, Skin rash, infection caused due to swelling,Hair lotion,fever, dysentery,chest pain
<i>Magnolia hodgsonii</i> (Hook.f. & Thomson) H.Keng	Ass: Borhomthuri	Magnoliaceae	Flower, twig, Stipule with bud	Hair lotion,fever,dysentery,chest pain
<i>Malva verticillata</i> L.	Ass: Lofa	Malvaceae	Leaf	Stomach ailments
<i>Mangifera indica</i> L.	Beng/Ass: Aam; B: Thaijo biphang	Anacardiaceae	Leaf,bark	Gastric problems,ulcers,diarrhoea,malaria,Amoebi dysentery,Conjunctivitis
<i>Melastoma malabathricum</i> L.	B: Loloti; R: Taintong; Ass: Phu tuka	Melastomaceae	Fruit, stem, leaf	Fruits-breaking impotency,stem- toothache,Cuts and wound,dysentery

<i>Melia azedarach</i> L.	Ass: Ghora neem	Meliaceae	Bark,leaf	skin diseases
<i>Melia dubia</i> Cav.	Beng: Gura neem	Meliaceae	Leaf	Stomach and liver trouble
<i>Melochia corchorifolia</i> L.	Ass: Bonmora	Malvaceae	Root,bark	Sore lip



<i>Mentha arvensis</i> L.	B: Nungshi; Ass: Padina	Lamiaceae	Leaves	Stomach trouble, Nasal bleeding, skin problem, memory enhancer, jaundice
<i>Mentha spicata</i> L.	Ass: Bonpoduna De: Amir poduna	Lamiaceae	Leaf	Diarrhoea, Loss of appetite
<i>Mesosphaerum suaveolens</i> (L.) Kuntze	Beng: Bilati tulsi	Lamiaceae	Twig ,leaf	Skin diseases
<i>Mesua assamica</i> (Prain) Kosterm.	Ass: Sia nahar	Calophyllaceae	Fruit	Fish poison
<i>Mesua ferrea</i> L.	Ass: Nahar	Calophyllaceae	Root	Male fertility
<i>Meyna spinosa</i> Roxb. ex Link	Ass: Kutkura	Rubiaceae	Leaf, fruit, seed	Leaf paste-shampoo, cracked heels, stomach cancer, dried fruits-piles, Seed paste-abortion, pimples, Heart burn, antihelminthic
<i>Mikania micrantha</i> Kunth	R: Repuji buddu; Beng: Repujiloty; R: Kalkut Lota; Ass: Premlota, japanilota	Asteraceae	Leaf	Diarrhoea, cuts and wounds, eye trouble, Stomach pain, dysentery, cuts and wound, Skin infection, dyspepsia
<i>Milletia pachycarpa</i> Benth.	Dima: Rujao	Papilionaceae	Bark	Itchiness, skin infection
<i>Mimosa pudica</i> L.	B: Daosa mukreb; R: Shyamsati; Ass: Lajukilota, Nilaji bon	Fabaceae	Root, leaf	Frequent micturition, Piles and boils, bone injuries as pain killer, dysentery, piles, Tooth worm, menstrual problem, Increase sexual vigour, skin infection, jaundice

<i>Mirabilis jalapa</i> L.	Dima: Samkabli; Ass: Godhuligopal; Mis: Donyi appun	Nyctaginaceae	Leaf, Root	Skin itch, sprains and joints swelling, Dropsy, ring worm, boils
<i>Momordica charantia</i> L.	Dima: Gla; B: Udasi; R: Kangla	Cucurbitaceae	Fruit, leaf	High blood pressure, Diabetes mellitus, malaria, Rabies, chest pain , rheuma pain, antihelminthic
<i>Morinda citrifolia</i> L.		Rubiaceae		antihelminthic
<i>Moringa oleifera</i> Lam.	Ass: Sojina; Beng/B/Mis: Shajna	Moringaceae	Leaf, flower, root, seed, bark, fruit	Provide energy, enhances fertility in male, Reduce rheumatic pain, Antipyretic, antipileptic, antioxidant, anticancer, antidiabetic, hepatoprotective, cardioprotective, antihypertensive

<i>Mucuna pruriens</i> (L.)DC.	Ass: Bandor kekua	Fabaceae	Root,seed	Treatment of all sort of ovary problems,energizer,enhance male fertility
<i>Murraya koenigii</i> (L.) Spreng.	Ass: Narasingha	Rutaceae	Leaf,flower, bark	Dyspepsia,dysentery,malaria,Abdominal gripe,intestinal colic,Hepatoprotective,cardioprotective,antidant, antidiabetic,anticancer,antibacterial,antiviral properties,Diarrhoea,vomiting,digestion problem,memory enhancer
<i>Musa paradisiaca</i> L.	Dima: Laigonthai,Pura kol,kach kol,Kopak	Musaceae	Flower,root, fruit	Malaria,Galactagogue,Diarrhoea,dog bite
<i>Musa balbisiana</i> Colla	Ass: Bhim kol,Athia kol	Musaceae	Fruit,root, stem	Leaves-Stomach problem,dysentery Root-Pneumonia;Dyspepsia, diarrhoea, antihelminthic,Diabetes mellitus,Enhance fertility in male

<i>Myrica nagi</i> Thunb.	Ass: Noga tenga	Myristicaceae	Stem bark	Asthma,cough,diarrhoea
<i>Myristica fragrans</i> Houtt.	Ass: Jaifol	Myristicaceae	Fruit	Dog bite
<i>Nelumbo nucifera</i> Gaertn.		Nelumbonaceae	Stem	Diabetes mellitus
<i>Neolamarckia cadamba</i> (Roxb.) Bosser		Rubiaceae		antihelminthic
<i>Nerium oleander</i> L.	Beng: Karabi	Apocynaceae	Leaf	Skin diseases
<i>Nicotiana tabacum</i> L.	J: Duma-sla	Solanaceae	Aerial shoot,whole plant,leaf	Skin infection,Gum bleeding,insect bite
<i>Nigella sativa</i> L.		Ranunculaceae		antihelminthic
<i>Nyctanthes arbor-tristis</i> L.	Ass: Hewali	Oleaceae	Leaves,flower	Cuts and wound,Common worms,Diabetes mellitus,Cough,gastritis,Malaria,measles,bl purifier,Liver trouble,fever
<i>Nymphoides indica</i> (L.) Kuntze		Menyanthaceae	Whole plant	Jaundice
<i>Ocimum basilicum</i> L.	Ass: Ram tulokhi	Lamiaceae	Leaf	antihelminthic
<i>Ocimum gratissimum</i> L.	Ass: Ram tulokhi	Lamiaceae	Leaf, tender shoot, root	antihelminthic

<i>Ocimum tenuiflorum</i> L.	Ass: Tulshi; De: Koliya tulahi; R: Shyam sata	Lamiaceae	Fresh leaves, tender shoots, root, seed	Cold and congestion of lungs, Root-Scorpion sting and snakebite, Leaf-cough, fever, constipation, malaria, mild fever, headache, dysentery, insect repellent, eye irritation, Diabetes mellitus, antihelminthic
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<i>Ohwia caudata</i> (Thunb.) H. Ohashi	Ass: Bor bioni hakuti	Fabaceae	Clum, root	Asthma, Haemospermia
<i>Oldenlandia corymbosa</i> L.	Ass: Bon jaluk; B: Deushriathen g	Rubiaceae	Tender shoot, Whole plant	Body ache, peptic ulcer, Hepatoprotective, jaundice, fever, bilou infection, Indigestion
<i>Oldenlandia herbacea</i> var. <i>herbacea</i>	Ass: Bon jaluk	Rubiaceae	Tender shoot	Body ache, peptic ulcer
<i>Oroxylum indicum</i> (L.) Kurz	Ass: Bhat ghila; B: Kharong,	Bignoniaceae	Root bark, seed bark, leaf	Blood purifier, tonic, fever, burns, dysentery, diarrhoea, jaundice, Diabetes mellitus, external piles, Sour mouth and tongue, malaria, antihelminthic
<i>Oryza sativa</i> L.	Ass: Saol	Poaceae	Grain	Epilepsy
<i>Oxalis corniculata</i> L.	Beng: Amrul; B: Singri gakhwi; Ass: Tengeshi, cangeri tenga	Oxalidaceae	Whole plant	Eye trouble, plant juice-dysentery, diarrhoea, and wounds, boiled leaf-Cough, high blood pressure; antihelminthic
<i>Oxalis debilis</i> Kunth	Ass: Bor tengeshi	Oxalidaceae	Whole plant	Dysentery, diarrhoea, Dyspepsia, jaundice
<i>Pachyrhizus erosus</i> (L.) Urb.	Ass: Sesa alu	Acanthaceae	Tubers	Jaundice
<i>Pachystachys lutea</i> Nees	Ass: Hunboronia	Acanthaceae	Root	Pneumonia
<i>Paederia foetida</i> L.	Ass: Bhadailota; De: Sepa siya	Rubiaceae	Whole plant, leaf	Relieve pain after childbirth, Dysentery, diarrhoea, abdominal pain, flatulence, indigestion, anemia, Constipation, Cut and wound; antihelminthic

<i>Pandanus odorifer</i> (Forssk.) Kuntze	Ass: Kewakothal	Pandanaceae	Leaf	Pneumonia
<i>Papaver somniferum</i> L.	Ass: Kani; De: Ingi	Papaveraceae	Seed	Relieve from pain, rodent ulcer
<i>Passiflora foetida</i> L.		Passifloraceae	Leaf	Hysteria, Headache

<i>Peperomia pellucida</i> (L.) Kunth	Ass: Ponownowa	Piperaceae	Whole plant	Burns
<i>Perilla frutescens</i> (L.) Britton	Ass: Sookloti	Lamiaceae	Leaf, stem	Uterus infection, Irregular menstrual cycle
<i>Persicaria barbata</i> (L.) H.Hara	H: Anbon: R: Neetfhgang	Polygonaceae	Stem	Gastric trouble, ulcer
<i>Persicaria chinensis</i> (L.) H.Gross	Ass: Modhu soleng	Polygonaceae	Tender shoot	Stomach trouble, dysentery, Galactagogue
<i>Persicaria decipiens</i> (R.Br.) K.L.Wilson	Ass: Bihlongoni	Polygonaceae	Root	Jaundice, Dyspepsia
<i>Persicaria hydropiper</i> (L.) Delarbre	Ass: Pothorua bihlongoni	Polygonaceae	Whole plant	Anthelmintic, moth and insect repellent, Uter disorder
<i>Persicaria strigosa</i> (R.Br.) H.Gross		Polygonaceae		antihelminthic
<i>Phanera scandens</i> (L.) Lour. ex Raf.	Dima: Suthaibiding	Fabaceae	Stem	Snakebite
<i>Phlogacanthus thyriformis</i> (Roxb. ex Hardw.) Mabb.	Ass: Ronga bahok, tita phul	Acanthaceae	Flower	Rheumatism, anemia, cough

<i>Phlogacanthus tubiflorus</i> Nees	Ass: Rangabakhartita; B: Basikhor	Acanthaceae	Leaf, flower	Cough, Common cold, louse and nit, Diabetes mellitus
<i>Phyllanthus acidus</i> (L.) Skeels	Ass: Halphali	Phyllanthaceae	Fruits	Liver tonic, blood purifier
<i>Phyllanthus emblica</i> L.	B: Aola; Beng: Amlaki	Phyllanthaceae	Seeds, leaf, fruits	Menstrual trouble, diabetes, constipation, Antidiabetic, cardioprotective, treatment of gout, respiratory problems, migraine, diarrhoea, skin problem, growth, Indigestion, Diabetes mellitus, Heart burn; antihelminthic
<i>Phyllanthus fraternus</i> G.L.Webster	Ass: Pani amlakhi, bhui amlakhi	Phyllanthaceae	Root, tender shoot	Jaundice, dysentery
<i>Phyllanthus niruri</i> L.	Ass: Bon amlakhi	Phyllanthaceae	Fruits, root, leaf	Jaundice, Appetite stimulant, Diarrhea, fever
<i>Phyllanthus virgatus</i> G.Forst.	Ass: Pani amlakhi	Phyllanthaceae	Root, tender shoot	Jaundice, dysentery
<i>Physalis angulata</i> L.	Ass: Kopal phuta	Solanaceae	Fruit, leaf	Diuretic, purgative property

<i>Picria fel-terrae</i> Lour.	Ass: Bhui tita	Linderniaceae	Leaf	Appetizer, fever
<i>Pilea crenulata</i> (Sw.) Urb.	Ass: Churat	Urticaceae	Root	Jaundice, chronic fever
<i>Piper betle</i> L.	Ass: Paam	Piperaceae	Leaf	Cuts and wounds, laxative
<i>Piper longum</i> L.	Ass/De: Pipoli; B: Katimal	Piperaceae	Fruit, root	Asthma, pain, cough, diarrhea, jaundice, fever, s, Dog bite, Diabetes mellitus, malaria, antihelminthic

<i>Piper nigrum</i> L.	Ass: Jaluk; De: Kuma chiti	Piperaceae	Seed, fruits	Diuretic, Carminative, stimulant, malarial fever, Indigestion, body ache, post labour ailment, bone fractures, pneumonia, Bleeding Piles, antihelminthic
<i>Plantago</i> <i>fengdouensis</i> (Z.E.Chao & Yong Wang) Yong Wang & Z.Yu Li		Plantaginaceae	Leaf, whole plant	Cuts and wounds, Galactagogue
<i>Plantago major</i> L.	J: Chhakur-blang	Plantaginaceae	leaf	Jaundice, ear ache, tooth ache, gum bleeding
<i>Plumbago</i> <i>zeylanica</i> L.	Ass: Boga agechita; B: Agor sita	Plumbaginaceae	Leaves, root	Stop excessive bleeding during menstrual cycle, abortion, dog bite
<i>Plumeria rubra</i> L.	Beng: Gulich, Gulance, Champa	Apocynaceae	Leaf, stem	Stomach trouble; Hepatoprotective- jaundice, liver disorder
<i>Pontederia hastata</i> L.	Ass: Bhat meteka	Pontederiaceae	Leaf	Digestive
<i>Portulaca oleracea</i> L.	B: Gheekanchan; Ass: Malbhog sak	Portulacaceae	Stem, Leaf, whole plant	Appetizer, Dysentery, wounds, burns
<i>Potentilla indica</i> (Andrews) Th. Wolf	Ass: Goru khia	Rosaceae	Fruit	Dysentery
<i>Pothos scandens</i> L.	Beng: Haranga	Araceae	Whole plant	Bone fracture
<i>Pouzolzia</i> <i>zeylanica</i> (L.) Benn.	Ass: Borali bokua	Urticaceae	Whole plant	Sprain, cuts and wounds

<i>Premna herbacea</i> Roxb.		Lamiaceae		antihelminthic
<i>Prunus persica</i> (L.) Batsch		Rosaceae		Antihelminthic

<i>Psidium guajava</i> L.	Ass: Modhuriam; De: Modhuri; R-Gaiang; guava	Myrtaceae	Stem bark, leaf, root	Diarrhea, Blood dysentery, Amoebic dysentery, antihelminthic
<i>Pueraria tuberosa</i> (Roxb. ex Willd.) DC.	Ass: Bhui lota	Fabaceae	Tubers	Swelling of joints
<i>Punica granatum</i> L.	Beng & Ass: Dalim	Lythraceae	Leaf, root, tender shoot, fruit	Dysentery, Root juice-urinary trouble, tender shoot-diarrhoea, juice of mature fruit-conjunctivitis, antihelminthic
<i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz	Dima: Argamgajao; B: Kharwkha; Ass: Harpagandha	Apocynaceae	Root	Stomach ache, Diabetes mellitus, malaria, high blood pressure, epilepsy, snake bite
<i>Rauvolfia tetraphylla</i> L.		Apocynaceae		antihelminthic
<i>Rhus chinensis</i> Mill.	Dima: Gembao	Anacardiaceae	Fruit	stomach ache
<i>Rhynchostylis retusa</i> (L.) Blume	Ass: Kopou-phul	Orchidaceae	Flower, leaf	Applied as emollient on face, Otorrhoea
<i>Ricinus communis</i> L.	Ass: Ara	Euphorbiaceae	Seed oil, leaves, leaf, root, bark	Seed oil-Rheumatism, leaves-bodyache, headache; Enhance lactation in nursing mother, rush, antihelminthic
<i>Rorippa indica</i> (L.) Hiern	Ass: Bonhariah	Brassicaceae	Seed	Kidney trouble

<i>Rosa sempervirens</i> L.	B: Golabgufur		Flower	Diabetes mellitus
<i>Rostellularia procumbens</i> (L.) Nees	Ass: Joron	Acanthaceae	Leaves	Ophthalmia
<i>Rothea serrata</i> (L.) Steane & Mabb.		Lamiaceae	Root, leaf	Dysentery, cuts and wounds, fever
<i>Rubus alceifolius</i> Poir.	Ass: Jetuli poka	Rosaceae	Fruit, root, leaf	Astringent, dysentery, insecticidal property, Root-Dysmenorrhoea; tender shoot-cough, pneumonia; Unripe fruit-fungal infection in tongue
<i>Rubus ellipticus</i> Sm.	Dima: Sumukham	Rosaceae	Leaf	Diarrhoea
<i>Rubus moluccanus</i> L.	Ass: Jetulipoka, Jejeli poka	Rosaceae	Fruit, young shoot, root	Enhance fertility in female, Dysmenorrhoea, cough and pneumonia, Enhance fertility in female
<i>Rungia pectinata</i> (L.) Nees	Dima: Sbai thai	Acanthaceae	Leaf	Cuts and wound



<i>Saccharum officinarum</i> L.	Ass: Kuhiar; De: Cha	Poaceae	Stem	Jaundice
<i>Sapindus mukorossi</i> Gaertn.	Dima: Sukathaiphang	Sapindaceae	Fruit	Skin itch
<i>Sapindus mukorossi</i> Gaertn.	Ass: Monichal	Sapindaceae	Fruits,seeds	Anaemia,tonsillitis,pharyngitis,detergent
<i>Saraca asoca</i> (Roxb.) W.J.de Wilde	B: Asok	Fabaceae	Bark, flower, seed	Tonic,Skin diseases,Urinary problems
<i>Saraca indica</i> L.	Ass: Ashok	Fabaceae	Bark	Menstrual irregularities

<i>Scleromitron diffusum</i> (Willd.) R.J.Wang	B: Dao-meoyai	Rubiaceae	Twigs	For increasing lactation after child birth
<i>Scoparia dulcis</i> L.	R: Burahanganja; Ass: Seni bon;B:Bongphang rakheb fisa	Plantaginaceae	Leaf, whole plant	Jaundice, menstrual problem, Antihelmenth malaria,diabetes, gastritis, Prevent cavity formation
<i>Scutellaria discolor</i> Wall. ex Benth.	B: Yenakha	Lamiaceae	Leaf	Cuts and wound
<i>Selaginella</i> spp.			Whole plant	Lower back pain
<i>Senegalia catechu</i> (L.f.) P.J.H.Hurter & Mabb.	Ass: Khoir	Fabaceae	Bark,wood (extract of heartwood), twigs	Diarrhoea
<i>Senna alata</i> (L.) Roxb.	Ass: Khorpat; Karbi: Bap-hokon	Fabaceae	Leaf	Scabies,ringworm,Allergy and abscesses
<i>Senna occidentalis</i> (L.) Link	Ass: Medeluwa; De: Medeluwa	Fabaceae	Seed,Leaf	Skin diseases, Ringworm,itches,,scabies
<i>Senna siamea</i> (Lam.) H.S.Irwin & Barneby		Fabaceae	Leaf	Deep wounds
<i>Senna sophera</i> (L.) Roxb.		Fabaceae	Leaf	Ringworm,scabies,insect bite,infection
<i>Senna tora</i> (L.) Roxb.	Mis: Thounam	Fabaceae	Seed,leaf	Skin diseases, Ringworm,asthma,leprosy

<i>Sesamum indicum</i> L.	B: Sibing	Pedaliaceae	Leaf,fruit, root paste	Wounds
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<i>Sesbania grandiflora</i> (L.) Poir.	Ass: Bok phul	Fabaceae	Leaf	Sore throat
<i>Sida acuta</i> Burm.f.	Ass: Sonborial	Malvaceae	Root	Stomach pain
<i>Sida rhombifolia</i> L.	Ass: Hunboriyal	Malvaceae	Leaf,stem	Rheumatism, urinary trouble, TB, Quick healing of wound
<i>Smilax blumei</i> A.DC.	Ass: Tikoni borua	Smilacaceae	Stem, tender shoot	Strengthen gums,blood purifier
<i>Sohmaea laxiflora</i> (DC.) H.Ohashi & K.Ohashi	Ass: Bionisapota	Fabaceae	Leaves, stem, root	Regular menstrual cycle,Uterus infection,Amenorrhoea,uterine infection,pil
<i>Solanum aethiopicum</i> L.	Dima: Kumkathai	Solanaceae	Fruit	High blood pressure
<i>Solanum melongena</i> L.	Ass: Khoruwa bengena	Solanaceae	Flower,twig	Tuberculosis
<i>Solanum myriacanthum</i> Dunal	Mis: Bangko	Solanaceae	Seed	Toothache
<i>Solanum nigrum</i> L.	Ass: Loch kochi,pokmow; Beng: Kaikor	Solanaceae	Stem,Leaf, Seed,Tender shoot	Constipation,liver trouble,Dysentery,skin diseases
<i>Solanum torvum</i> Sw.	Ass: Hati bhekuri	Solanaceae	Fruit,root, seed	Malaria,Stomach trouble,Fruit paste-Headache,Root-fever and cough, s toothache,Blood purifier,ston ailments,antihelminthic
<i>Solanum violaceum</i> Ortega	Ass: Tita bhekuri	Solanaceae	Roots,fruit, leaf	Toothache,asthma,colic pain,skin diseases,Antihelminthic,High blood pressur

<i>Solanum virginianum</i> L.	B: Khuntai gwkha; Ass: Kantakori	Solanaceae	Seeds,Root, leaf	Tooth decay,Small pox,Asthma,rheumatic pain,chest pain
<i>Sphagneticola calendulacea</i> (L.) Pruski	Ass: Mahabhingaraj	Asteraceae	Leaf,stem, whole plant	Menstrual irregularities,Hair growth
<i>Spondias pinnata</i> (L.f.) Kurz	Ass: Omora, Amora; B: Thaishri	Anacardiaceae	fruit,stem, bark,leaf, flower	ringworm,abscess,Diabetes,Gastric ulcer,Galactagogue,Blood dysentery,otalgia,chronic dysentery,antihelminthic
<i>Stellaria media</i> (L.) Vill.	Ass: Morolia sak; B: Na bikhi	Caryophyllaceae	Whole plant, twig	Piles,Snakebite
<i>Stephania japonica</i> var. <i>discolor</i> (Blume) Forman		Menispermaceae	Leaves,root	Septic inflammation,jaundice,anti-diabetic

<i>Sterculia villosa</i> Roxb. ex Sm.	R: Faithi	Malvaceae	Root	Tonic, blood dysentery
<i>Stixis suaveolens</i> (Roxb.) Baill.	Ass: Madhoi maloti	Resedaceae	Roots	Pneumonia, asthma, piles, appetizer
<i>Streblus asper</i> Lour.	Ass: Saura	Moraceae	Stem	Toothache, antihelminthic
<i>Swertia chirayita</i> (Roxb.) H. Karst.	Ass: Chirata	Gentianaceae		Hepatoprotective-jaundice, liver disorder
<i>Syzygium aromaticum</i> (L.) Merr. & L.M. Perry	Ass: Ion	Myrtaceae	Flower bud	Antihelminthic, Diabetes mellitus
<i>Syzygium cumini</i> (L.) Skeels	Dima: Jaram; B: Kotuhi-dam, Gwswm jamboo; Ass: Jamu	Myrtaceae	Seed, fruits, leaf, bark	Diabetes mellitus, piles, malaria

<i>Syzygium jambos</i> (L.) Alston	B: Godjaam	Myrtaceae	Tender leaves	Diabetes mellitus
<i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. & Schult.	Ass: Sagolihingiya/Kothona	Apocynaceae	Leaf, flower, bark, root, latex	Headache, cataract, Cough, TB, malaria, Preve cavity formation, Hepatoprotective- jaundice, liver disorder
<i>Tadehagi triquetrum</i> (L.) H. Ohashi		Fabaceae	leaf and seeds	Vermifuge
<i>Tagetes erecta</i> L.	Beng: Genda; Ass: Narji	Asteraceae	Leaf	Cuts and wounds, dysentery
<i>Tamarindus indica</i> L.	R: Taintai; Ass: Teteli	Fabaceae	Seed, leaf, flower, Fruit, bark	Snakebite, Rheumatism, Ulcers, asthma, rheu sm, swelling, pain, throat infection, cough, fever, intestinal worm, infertility, Conjunctivitis
<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Ass: Arjun; De: Chikuru kusiri	Combretaceae	Bark, leaf juice	Heart trouble, Ulcer, bone fracture, Liver trouble, Asthma, Diabetes mellitus, High bloo pressure, pneumonia,
<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Ass: Bhumura; De: Bhumura chiti; B: Bohera	Combretaceae	Bark, fruit	Gastric ulcer, Diabetes mellitus, antihelminth
<i>Terminalia chebula</i> Retz.	Ass: Hilikha; De: Kabega; R: Baukla	Combretaceae	Bark, fruit	Piles, Biliary disorder, Appetizer, small pox, Blood purifier, stomach ache, Constipation, Diabetes mellitus, antihelminthic

<i>Tetracera sarmentosa</i> (L.) Vahl.	Ass: Ou lota	Dilleniaceae	Stem	Stem is stored in a tight container to make potable water

<i>Thelypteris opulenta</i> (Kaulf.) Fosberg	Dima: Limbirsi	Aspleniaceae	Fronds	Herpes, skin infection
<i>Thelypteris parasitica</i> (L.) Tardieu	Ass: Bih-longani; B: Sal daokhumwi	Aspleniaceae	Leaf, frond	Rheumatic pain, snakebite, Frond paste is rub on limb at the time of Sensation lacking, boil
<i>Themeda villosa</i> (Lam.) A. Camus	Ass: Birina	Poaceae	Root	Pneumonia
<i>Thottea tomentosa</i> (Blume) Ding Hou	B: Akpati	Aristolochiaceae	Stem	Tonic
<i>Thunbergia coccinea</i> Wall. ex D. Don	Ass: Nilakonotho	Acanthaceae	Root	All sorts of stomach infection, increase fertility, High fever, malaria
<i>Thysanolaena latifolia</i> (Roxb. ex Hornem.) Honda	Dima: Balangshi	Poaceae	Leaf	Flatulence, improve digestion
<i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thomson	Ass: Amorlota/Sogonilota	Menispermaceae	Leaves, Stem, aerial shoot, inflorescence	Diarrhoea, dysentery, enhance male fertility, Diabetes mellitus, heart burn, Jaundice, Knee pain, Bone fracture, waist pain, Swelling, gastric trouble, ulcers, antihelminthic
<i>Torenia crustacea</i> (L.) Cham. & Schltdl.		Linderniaceae		antihelminthic
<i>Torenia crustacea</i> (L.) Cham. & Schltdl.	B: Na bikhi	Linderniaceae	Whole plant	Diabetes mellitus
<i>Torenia diffusa</i> D. Don		Linderniaceae	Whole plant	Headache
<i>Trachelospermum lucidum</i> (D. Don) K. Schum.	Ass: Lota bagini	Apocynaceae	Bark	Galactagogue

<i>Trevesia palmata</i> (Roxb. ex Lindl.) Vis.	Dima: Kumthaodi	Araliaceae	Flowers	Piles
<i>Trichosanthes bracteata</i> (Lam.)	-	Cucurbitaceae	Roots, seed	Carbuncle

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<i>Trichosanthes costata</i> Blume	Ass: Kauri kerala	Cucurbitaceae	Root	Analgesic,pneumonia,antihelminthic
<i>Trichosanthes cucumerina</i> L.	Ass: Dhunduli	Cucurbitaceae	Bark	Heart trouble,Bleeding piles
<i>Trigastrotheca pentaphylla</i> (L.) Thulin	-	Molluginaceae	Leaf	Urinary trouble,Prescribed to women after childbirth
<i>Trigonella foenum-graecum</i> L.	Ass: Mithi guti	Fabaceae	Seed	Uterus infection,provides stamina,Diabetes mellitus
<i>Triumfetta rhomboidea</i> Jacq.	Ass: Bon ogora	Malvaceae	Stem bark,leaf	Burning sensation caused by urinary trouble,diarrhoea
<i>Urena lobata</i> L.	B: Bachita; Ass: Borsobori al	Malvaceae	Root,leaf	Reduce rheumatic pain,diuretic,high blood pressure,hydrophobia
<i>Urtica dioica</i> L.	Ass: Sorat	Utricaceae	Root, leaf	Cardiovascular disorder, rheumatoid arthritis
<i>Vachellia farnesiana</i> (L.) Wight & Arn.	Ass: Tarua kadam	Fabaceae	Stem,bark, leaf,wood	Cough,Malaria,Conjunctivitis,Pyorrhea,Dysery
<i>Varronia dichotoma</i> Ruiz & Pav.	Ass: Buwal	Boraginaceae	Stem,bark, leaf,seed	Stomach problem,gastric,Swelling and inflammation,skin eruptions

<i>Vincetoxicum indicum</i> var. <i>indicum</i>	Ass: Antamul	Apocynaceae	Leaves, Roots	Enhanced fertility in male,helps in the purification of blood,stop excessive vaginal discharge
<i>Vitex negundo</i> L.	Ass & De: Posotia; B: Nishida	Lamiaceae	Leaf,Tender shoot	Reduce rheumatic pain,Chest and joints pain,Epilepsi,tonsillitis,Fever,body weakness,smoothen hair,Cough,stomach trouble,malaria,Scabies,Pneumonia
<i>Xanthium strumarium</i> L.	B: Gagra; Ass: Ogaro	Asteraceae	Fruits, Root, leaf	Toothache,Chronic malarial fever,urinary trouble,malaria
<i>Yamazakia pusilla</i> (Willd.) W.R. Barker, Y.S. Liang & Wannan	Ass: Gakhiroti bon	Linderniaceae	Whole plant	Enhance lactation in nursing mother
<i>Zanthoxylum armatum</i> DC.	Beng: Gaira	Rutaceae	Leaf	Urinary problems

<i>Zanthoxylum nitidum</i> (Roxb.) DC.	Ass: Tezmuri; Mis: Onger	Rutaceae	Root, leafy branch, bark	Fever, rheumatism, toothache, stomach ache, throat inflammation, toothache, rush, kidney stone, gum bleeding, pneumonia, pyorrhoea, chewed as sialagogue, fish poison, bleeding piles
<i>Zanthoxylum oxyphyllum</i> Edgew.	Ass: Mezenga	Rutaceae	Tender shoot, fruit	stomach trouble, leucoderma, blood purifier, digestion, antihelmentics, rheumatism
<i>Zingiber officinale</i> Rosc.	Ass: Ada; De: Yang; Dima: Hazing	Zingiberaceae	Leaves, rhizome	Stomach disorder, dyspepsia, colic and vomiting, Sore throat, Cough, antihelminthic

<i>Zingiber purpureum</i> Roscoe	Ass: Moran Ada, Bonada; B: Buraud	Zingiberaceae	Rhizome	Tuberculosis
<i>Zingiber purpureum</i> Roscoe	B: Bura-ud	Zingiberaceae	Rhizome	Indigestion
<i>Zingiber zerumbet</i> (L.) Rosc. EX SM.	Ass: Gathian	Zingiberaceae	Rhizome	antihelminthic
<i>Ziziphus jujuba</i> Mill.	R: Brui	Rhamnaceae	Bark	Stomach trouble
<i>Ziziphus mauritiana</i> Lam.	B: Bogori biphang	Rhamnaceae	Bark, fruit, leaf	Malaria, skin boils, antihelminthic

## Conclusion

The main objective of this review was to document the indigenous knowledge of people of Assam and the traditional use of local medicinal plants in various ailments and common diseases collected from published literature. One important aspect of this review was to conserve the data generated from ethnomedicinal studies.

Most of the available literature and studies reported that indigenous people of Assam still relies to a great extent on traditional healers. Most of the uses reported have no chemical evidences. Traditional healers although do not have any scientific experimental methodology, but they do have some kinds of experimentation by which diseases are cured.

It was also observed that the maximum number of plant species is utilized as a combination of more than one species of plants.

The available literature and studies reported information on the use of medicinal plants was mainly gathered by formal discussion, direct interaction with the village elders, traditional healers and questionnaires.

Some plants are used for the same purpose are reported by different workers such as *Aegle marmelos* (L.) Corrêa is reported by Rout *et al.*, 2012; Sailo *et al.*, 2017; Hazarika & Dutta., 2016 to treat Diarrhoea in different parts of Assam. *Hibiscus sabdariffa* L. is reported by Buragohain, 2011; Talukdar and Gupta, 2014; Dohutia *et al.* 2016; Sailo *et al.* 2017 used to treat Dysentery.



Studies revealed that some of the plants have multiple uses, different parts of the plants are used in different ailments such as Root juice of *Punica granatum* L. is used in urinary trouble, tender shoots are used in diarrhoea, juice of mature fruit is used in conjunctivitis. Some plants are used in multiple purpose such as *Asparagus racemosus* Willd. is reported to use in enhances fertility in both male and female in treating Infertility, Gastric, Diabetes

mellitus, Uterine disorder, TB, Epilepsy, Nervous disorder, Rheumatic pain, Diarrhoea, Dysentery. *Vitex negundo* L. is used to reduce rheumatic pain, chest and joint pain, epilepsy, tonsillitis, Fever, body weakness, smoothen hair, cough, stomach trouble, malaria, scabies, pneumonia. Available literature reported multiple use of plants in different diseases and use of some plants vary from region to region and tribe to tribe, therefore proper scientific investigations, pharmacognostic studies will be useful in the validation of traditional medicinal practices.

Assam is enriched with a rich wealth of medicinal plants. Most of these plants and their medicinal uses are known only to inhabitant and the tribes residing in various parts of Assam. Though this limited study of literature it is seen that the indigenous ethnomedicinal practices dominates a distinctive position in the life of people and varieties of plants are being used by different tribes and ethnic races. Traditional herbal medicine is an important component of primary health care system of the village people. The focus on the medicinal plant resources and further investigation in these area may lead to define programme and strategy for the conservation of ethnomedicinal knowledge.

Assam has a wealth of medicinal plants that make its way to Indian and foreign markets. If grown sustainably the sector can be major bio-resource for the region. Majority of the people of Assam is primarily engaged in agriculture and allied activities. Large number of medicinal plants are reported from Assam which can not only cure ailments but can also be a potential source of economic development. It can provide opportunity to venture in fields such as plantation, cultivation of medicinal plants and herbs, processing of herbal medicine, medicinal plant extract, etc. The traditional health care system under Ayurveda, Siddha, Unani has become popular to holistic treatment, low cost of treatment and least side effects. This facts spurred the demand for medicinal plant products. Initially medicinal plants were being collected from the natural habitat and under minimal or no supervised environment. The over exploitation of medicinal plant species has led to the ultimate option for cultivation to cope up the increasing demand. Medicinal crops have better economic opportunities as against the traditional field crops, it has many advantages such as export demand, fetch better prices in the market, non-perishable in nature in processed or semi-processed conditions, could be raised as inter crops, along with traditional crop and have industrial importance.

Commercialization of ethnomedicinal plants is the best way of preservation. Prospect of commercial medicinal plant cultivation are upward demand of medicinal plant product in global markets, decreasing areas for wild harvests, to ensure right quantity and quality to export at right time for maximum benefits and to save biodiversity.

Studies shows that many species of medicinal plants are facing the threat of extinction due to industrialization, pollution, over exploitation, disturbance of wetlands etc. and diversity of medicinal plants are greatly affected and becoming rare or threatened. Many traditional medicinal knowledge is now an

accepted fact because of better cultural acceptability, better compatibility with the human body, lesser side effects and effectiveness. From the above discussions it can be suggested that there is scope for collection and documentation of the species of plants for their medicinal utilization, economic, cultural and social value; therefore strategies are needed to conserve and protect these medicinally important plant resources. Along the need for biodiversity conservation, conservation of medicinal plants is also required.

In Assam, activities in the field of ethnomedicinal plants, including conservation of germplasm, have been enhanced significantly during the past couple of decades and large volume of data is being generated out of these works. For maintaining the records in a consolidated form, documentation is required to store and manage all information on the related studies. Digitisation of information i.e. development of electronic databases is necessary in the study of medicinal plants for thorough understanding of important genetic resources. During the study, it was observed that the data medicinal plant activities have been computerized and is now accessible on the world wide web, but the information and data are in scattered form. Therefore, a common user friendly database is needed to conserve the data related to medicinal plants.

The misuse of herbal medicines may occur due to wrong identification. One of the most common lacuna observed is one common vernacular name is given to two or more entirely different species. Therefore it is essential to lay down pharmacognostic specifications of medicinal plants which are being used in traditional herbal formulations of medicines.

During the study it was observed that most of the uses reported have no clinical evidence. It is suggested that while using herbal medicines, even these remedies carries long history of traditional use, safety on human health should be supported with scientific evidences.

There is a need of toxicological data assessment of traditional herbal medicines as special toxic effects including developmental and reproductive toxicity, genotoxicity and carcinogenicity are not manifested during traditional practices to lower health risks. Documenting the indigenous knowledge through ethnobotanical studies is important for both conservation and utilization of biological resources. Such study might help to highlight important aspects on traditional medicinal practices and ethnomedicinal plants, also validate

in future to analyze the phyto-chemical and pharmacological screening for their active principles and clinical trials for therapeutic action and design new drug.

However, I intend to extend my work in next phase to study and document most of the ethnomedicinal plants used by different tribes and races to bring out the complete knowledge of traditional health care system.

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