



A Study on Medicinal Plants in Kozhenchery Taluk, Pathanamthitta District, Kerala

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ABSTRACT

The paper is based on the medicinal plants used by the natives in Kozhenchery Taluk, Pathanamthitta District, Kerala. The people have good knowledge of medicinal plants in surroundings. A total of 190 plants were documented during the survey. This helps the newer generation to know about the traditional treatment and medicinal plants used by the primitives.

Keywords: Medicinal plants, kozhenchery taluk, pathanamthitta, kerala

INTRODUCTION

The primitive generation in Pathanamthitta district has knowledge of medicinal properties of plants that are commonly available.

This knowledge was passed from one generation to another by orally.

Now this knowledge about plants does not transfer properly due to developmental activities.

In this back ground the study of medicinal plants used commonly in this district was undertaken and documented.

The common plants have a key role in the local communities in this district.

It is observed that the common plants have high nutritional value and medicinal properties.

The local communities rarely use the synthetic medication because of the availability of medicinal plants from the surroundings.

They prefer traditional treatment for the common diseases and cold that provided by vaidyans.¹

Study Area

The Pathanamthitta district occupying an area of 2697.15 sq km lies between 9°5'N latitude and 76°38' and 77° 16' E longitude.

This district is divided into five taluks; Thiruvalla, Mallapally, Ranni, Kozhenchery, Adoor.

The topography is with hills and valleys.

Altitude ranges from 5-1200m and temperature varies from 26-36°C.

Forests occupy 645 of the total area of the district.

This district is also home to 6 native tribal communities who are well versed in the usage of medicinal plants.¹

METHODOLOGY

The work also included field study; conducted for two months in the year 2014-2015.

The initial phase of the study was done in the kozhenchery taluk where locals with knowledge in the field were contacted.

The identification of local vernacular names of many species were done.

The usage of the indigenous flora were recorded.

Further study was the collection of chemical and taxonomical data's of plants from Internet, Journals, Ayurvedic books and specialist in botany.

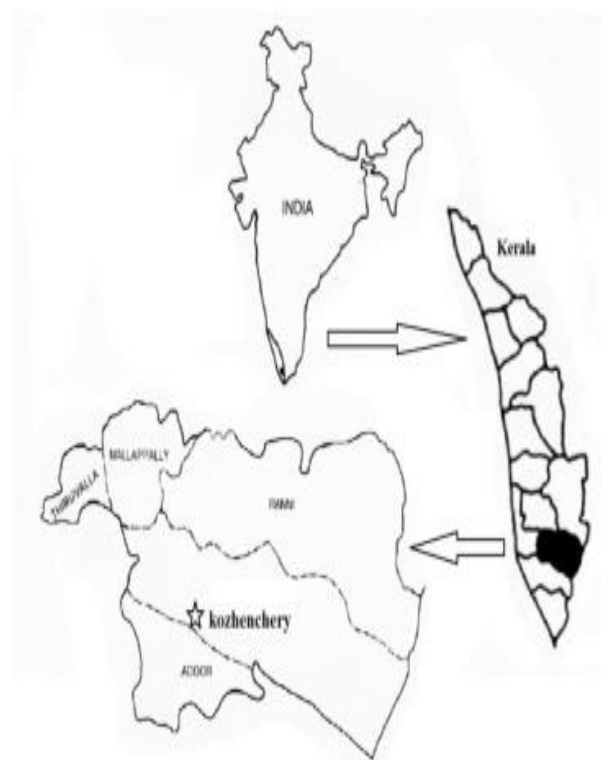


Figure 1: Study Location Map



Enumeration

Table 1 gives a detailed description about medicinal plants in study area.²⁻³²

Table 1: Enumeration of Medicinal Plants in Study Area

S. No.	Vernacular Name	Botanical Name	Family	Chemical Constituents	Medicinal Uses or treatment of
1.	Aalmaram	Ficus religiosa	Moraceae	Phenols, Tannins, Steroids, Alkaloids, Flavanoids, Vit K, Aminoacids, Beta Setosterol, D-Glucoside.	Anti asthmatic Anti diabetic Anti diarrhea Anti epileptic Gastric problems Anti inflammatory
2.	Aambal	Nymphaea nouchali	Nymphaeaceae	Alkaloids, Saponins, Tannis, Flavanoids.	Anti diabetic Anti aging Rejuvenation Menstrual irregularities
3.	Aathapazham	Annona squamosa	Annonaceae	Vit C, Diterpenoids, Alkaloid(Astisine), Oxophoebine, Reticuline, Atidine, Hetrophylline.	Anti cancer Dermatitis Astringent Drastic purgative
4.	Adalodakam	Adhatoda beddomei Clarke	Acanthaceae	Alkaloids, Tannins, Phenolics, Flavanoids, Vasicine, Quinazoline, Alkaloids, Trypsine.	Cough & cold Anti asthmatic Anti spasmodic Anti diabetic Sedative
5.	Alasaipomaram	Delonix regia	Leguminoseae	Flavanoids, Tannins, Cardiac Glycoside, Amino Acids, Alkaloids.	Purgative Anti inflammatory Arthritis
6.	Amara	Lablab purpureus	Leguminoseae	Protein, Carbohydrates, Vit B1, Minerals (Iron, Magnesium, Calcium).	Tonify the spleen Reduce internal fever Anti diarrhea Anti cancer
7.	Amarchakoti	Cayratia carnosa	Vitaceae	Betasitosterol, Stigmasterol, Squalene, Lutenin, Aminoacids, Saponins, Tannins, Glycosides.	Anti inflammatory Fever Neuralgia Spleenopathy Cardiac disorder
8.	Ambazham	Spondias mombin	Anarcardiaceae	Tannins, Essential Oils, Beta Caryophyllene, Humelene, Cardinene.	Anti inflammatory



					Diuretic Purgative Leprosy
9.	Amrytu	Tinospora cordifolia	Menispermaceae	Dierpenes, Polyphenols, Polysacchrides (Arabinogalactin).	Immuno stimulant Tonsillitis Anti cancer Pharangitis
10.	Anamrytu	Anamirta cocculus	Menispermaceae	Quarternary Alkaloids (Berberine), Palmitine, Magnoflorine, Picrotoxin (Toxic).	Ulcers Anti inflammatory Chronic skin disease Bronchitis
11.	Anapparuva	Pothos scandens	Araceae	Fixed Oil, Proteins, Alkaloids, Glycosides, Phenolics.	Anti epileptic Anti asthmatic Snake bite Malarial fever Smallpox
12.	Anjilichakka	Artocarpus hirsutus	Moraceae	Flavanoids, Alkaoids, Terpenoids, Saponins.	Anti microbial Laxative Snake bite Skin disease
13.	Aranamaram	Polyalthia longifolia	Annonaceae	Clerodane Diterpenes, Protoberberinalkaloids, Steroids, Phenols.	Anti inflammatory Fever Skin disease Anti diabetic
14.	Asoka	Saraca asoca	Caesalpinaceae	Tannins, Glycosides, Lyoniside, Cyanidin, Fatty Acids, Flavanoids.	Skin disease Anti diabetic Scabiesian Anti inflammatory
15.	Athi	Ficus racemosa Linn	Moraceae	Sterols, Triterpenoids (Lanosterol), Alkaoids, Tannins, Flavanoids, Beta Sitosterol, Lupeol.	Astringent Carminative Vermifuge Anti dysentery
16.	Avanaku	Ricinus communis Linn.	Euphorbiaceae	Flavanoids, Gallic Acid, Quercetin, Kaempferol, Triglycerides, Ricinoliene, Ricin (Toxic), Ricinine.	Anti tumor Anti oxidant Anti diabetic Purgative
17.	Ayamoathamom	Trachispermum roxburghianum	Apiaceae	Essential Oils, Sabinene, Terpinen-4-Ol, Ligustilide, Terpinene.	Anti septic Anti spasmodic



					Stimulant Stomach ache Anti asthmatic
18.	Badam	Terminalia catappa Linn	Combretaceae	Oils, Proteins, Micro & Macro Nutrients, Fatty Acids, Tannins, Flavanoids, Kaempferol, Quercetin, Saponins, Phytosterols.	Stomatitis Skin diseases Anti diarrhea Rheumatism Dysentery Headache
19.	Chama	Panicum sumatrense	Poaceae	Protein, Fat, Crude Fibre, Carbohydrate, Lipids.	Burning sensation Anti diarrhea Dysentery Dyspepsia Wounds & ulcers
20.	Brahmi	Centella asiatica	Umbelliferae	Saponins, Asiaticoside, Madecassoside, Asiatic Acid, Madecassic Acid, Bhamoside, Glucose, Arabinose.	Nervine tonic Sedative Anti Spasmodic Anti stress
21.	Irul	Xylia xylocarpa	Mimosaceae	Essential Amino Acids, Crude Carbohydrates, Fat, Fibre, Phenols, Tannins, Phytic Acid, Hydrogen Cyanide, Trypsin Inhibitor.	Leucoderma Anti emetic Anti diabetic Fever Obesity Pruritus
22.	Chamatha	Butea monosperma	Fabaceae	Glucoside, Oleic Acid, Linoleic Acid, Palmitic, Stigma Sterol, Steroids, Triterpene, Flavanoids.	Eye disease Chronic fever Leucorrhoea Anti epileptic Leprosy Anti fungal
23.	Champakam	Michelia champaca	Magnoliaceae	Sesquiterpenes, Lactone, Parthenolide, Costunolide, Magnograndiolide, Quercetin, Flavanoid Glycoside.	Expectorant Astringent Stimulant Rheumatisim
24.	Chandanam	Santalum album Lin	Santalaceae	Volatile Compounds, Alpha and Beta Santalol, Cedrol, Esters, Aldehydes, Phytosterols, Squalene, Vicenin, Vitexin, Isovitexin, Orientin, Isoorientin.	Snake bite Inflamed skin Dysentery Removal of pimples
25.	Changalaparenda	Cissus Quadrangularis Linn	Vitaceae	Carotenoids, Triterpenoids, Ascorbic Acid, Resveratrol, Piceatannol, Pallidol, Taraxeryl Acetate, Taraxerol, Phenol, Tannin, Carotene, Vitamins.	Anti bacterial



					Anti fungal Anti oxidant Anthelmintic Anti hemorrhoidal Analgesic
26.	Cheera	Amaranthus dubis	Amaranthaceae	Steroidal Saponins, Asparagine, Arginine, Flavanoids.	Anti hypertensive Improving bone health Skin problems
27.	Chembu	Colocasia esculenta	Araceae	Beta Sitosterol, Starch, Vit A, B, C, Flavanoes, Apigenin, Luteolin, Anthocyanins, Stigma Sterol.	Anti fungal Hypolipidemic Anti cancer
28.	Chemparathi	Hibiscus rosa sinensis	Malvaceae	Beta Sitosterol, Stigma Sterol, Cyaniding, Flavanoids, Niacin, Riboflavin, Vitamins, Thymine, Essential Oils.	Anti hypertensive Anti diabetic Burning sensation Burning urination Hairfall
29.	Chena	Amorphophullus paeoniifolis	Araceae	Starch, Protein, Fat, Diosgenin, Sapogenins.	Rheumatism Relief from cramping
30.	Cherula	Aera lanata juss	Amaranthaceae	Canthin Alkoids, Beta Carboline, Propionic Acid, Flavanoids, Lupeol.	Anti diarrhea Bleeding piles Haemorrhages Anti asthmatic
31.	Cherunaranga	Citrus limon	Rutaceae	Alpha Pinene, Beta Pinene, Limonene, Carenol, Myrtenal, Neral, Citral, Geranial.	Vit C deficiency Kidney stones Treatment of scurvy
32.	Pavizhamalli	Nyctanthes arbor-tristis	Oleaceae	Flavanol Glycoside, Oleanic Acid, Essential Oils, Tannic Acid, Carotene, Friedeline, Lupeol, Glucose, Benzoic Acid, Kaempferol, Carotene, Friedeline, Lupeol, Mannitol.	Anti bacterial Anodyne Anti inflammatory Digestive Anthelmintic Expectorant
33.	Chooral	Calamus rotang Linn	Arecaceae	Flavanoids, Phenols, Catechin, Beta Sitosterol.	Stomach problem Anti diabetic Bleeding Anti inflammatory
34.	Chunda	Solanum surattense Burm.F	Solanaceae	Alkoids, Phenolics, Flavanoids, Sterol Saponins, Glycosides, Resins, Fatty Acids.	Fever



					Cough Anti asthmatic Anti inflammatory Diuretic Anti emetic
35.	Chuvannarali	Ficus lacor	Moraceae	Alcohols, Methyl Ricinolate, Beta Sitosterol, Lanosterol, Caffenic Acid, Bergirin, Triterpenoids, Lupol.	Cold & Fever Diuretic Rheumatism Bronchitis
36.	Coca	Erythroxyllum coca Lam	Erythroxyllaceae	Alkaoids (Cocaine, Cinnamylcocaine, Truxlline), Glycosides, Cocatannic Acid, Essential Oil.	Stimulant Astringent Anesthetic Hunger sensation Fatigue
37.	Coffee	Coffea canephora	Rubiaceae	Alkaloids, Caffeine, Trigonellene, Amino Acids, Proteins, Lipids, Poly Sacchrides, Theobromine.	CNS stimulant Anti hypertensive Anti oxidant Anti diabetic
38.	Communist pacha	Chromolaena odoratum	Asteraceae	Flavanoid, Kaemferol, Quercitin, Rhamnetin, Luteolin, Aprgenin.	Skin wounds Burns
39.	Congresspullu	Parthenium hysterophorus	Asteraceae	Sesqueterpenes, Caffeic Acid, Vanillic Acid, Anisic Acid, Chlorogenic Acid, Parahydroxy Benzoic Acid, P-Anisic Acid, Pathenin.	Hepatic amoebiasis Anti tumor Neuralgia Rheumatism
40.	Cucumber	Coccinia grandis	Cucurbitaceae	Triterpenoid, Saponin, Flavanoid Glycoside, Beta Carotene, Aminoacids, Taraxerol, Beta Amyrin, Lupeol.	Leprosy Anti asthmatic Bronchitis Jaundice Anti histaminic
41.	Dharbapullu	Desmostachya bipinnata	Poaceae	Phytosterol, Flavanoids, Alkaloids, Saponins, Camphene, Isobornyl Acetate, Caryophyllene, Beudesmol, Eseroline, Calarene.	Dysentery Menorrhagia Diuretic Anti bacterial
42.	Edana	Olea malabarica roxb	Oleaceae	Flavanoids, Carotinoids, Phenolic Compounds, Vit C & E.	Fever Rheumatism Spiderbite Skin disease
43.	Eeti	Dalbergia latifolica roxb	Fabaceae	Tannins, Sucrose, Triacontane, Dalbergic Chromene, Hentriacontane, Beta Sitosterols,	Stimulant



				Lantifolin.	Anti diarrhea Leprosy Obesity Bodyache Pimples
44.	Elam	Elettaria cardamomum	Zingiberaceae	Volatile Oil, Protocatechu Aldehyde, Para Benzoquinoline, Phenolics, Flavanoids.	Bronchitis Cardiac disorders Dyspepsia Burning sensation
45.	Elamulachi	Kalanchoe pinnata	Crassulaceae	Para Caumaric Acid, Caffeic Acid, Para Hydroxy Benzoic Acid, Kaemferol, Fatty Acids, Lipids.	Rheumatism Haemorrhoids Wounds & cuts
46.	Elanji	Mimusops elengi	Sapotaceae	Tannins, Ash, Colouring Matters, Starch, Saponins, Beta Carotene, Beta Sitosterol, Fatty Oils.	Cardiac disorders Anti diuretic Dental caries
47.	Ellu	Sesamum indicum	Pedaliaceae	Essential Oils, Amino Acids, Lignans, Sesamol, Sesamin, Pinocresinol, Lariciresinol, Vitamins.	Anti oxidant Demulsent Anti bacterial Laxative Anti hypertensive
48.	Enji	Zingiber officinalis	Zingiberaceae	Zingiberine, Gingerol, Gingerene, Volatile Oils, Curcumene, Resinis, Shagoals, Gingediols.	Aromatic Carminative Motion sickness Flavouring agent
49.	Erattimadhuram	Glycyrrhiza glabra	Fabaceae	Glycyrrhizin, Liquirtin, Iso Liquiritigen, Glycyrrhizo Flavanol, Genistein.	Spasmodic cough
50.	Erikku	Calotropis gigantean	Asclepiadaceae	Esters Of Reinols, Benzoates, A and B Calotropeols, B-Amyrin, Volatile Fatty Acids, Giganteol, Triterpene, Sterols.	Anti asthmatic Nerve disorders Stomach ulcers Fever Snake bite
51.	Inja	Acacia concinna	Mimosoideae	Saponins, Triterpenoidal Prosapogenols named Concinnosides A, B, C, D, And E, Glycosides, Acaciaside, Julibroside.	Purgative Dandruff Itching Jaundice
52.	Ezhilampala	Alstonia scholaris	Apocynaceae	Iridoids, Alkaloids, Coumarins, Flavonoids, Leucoanthocyanins, Reducing Sugars, Simple Phenolics, Steroids, Saponins, Tannins.	Earaches Fever Malaria



					Liver congestion Toothache Anti epileptic Analgesic
53.	Grampus	Eugenia caryophyllus	Myrtaceae	Volatile Oils, Tannins, Resins, Gallotannicacid, Eugenol, Caryophyllenes, Ketones, Esters, Alcohols.	Dental analgesic Carminative Stimulant Aromatic
54.	Hamsapadi	Adiantum philippense	Adiantaceae	Triterpenes, Flavanoids, Adiantone, 3-4 –Epoxyfilicares.	Dysentery Ulcers Erysipelas Burning sensation
55.	Idampiri valampiri	Helicterus isora Linn	Sterculiaceae	Flavanones, Phytosterols, Hydroxyl Carboxylic Acid, Saponins, Phlobotannis, Phenolic Compounds.	Anti diarrhea wounds Flatulence Haemorrhoids Anti diabetic
56.	Illumbanpuli	Averrhoa bilimbi	Oxalidaceae	Aliphatic Acids, Volatile Acids, Hexadeconoic Acids, Flavanoids, Phenols, Hexy Nicotinate.	Obesity Rheumatism Mumps Skin eruptions
57.	Inchipullu	Cymbopogon flexuosus	Poaceae	Essential Oils, Citral A & B, Geranyl Acetate, Linalool.	Anti septic Anti depressant
58.	Injimanga	Curcuma amanda		Phytosterols, Starch, Camphor, Pinene, Phenolic Acids, Fibersantibacterial Antiaalgric.	Anti bacterial Anti allergic Anti oxidant Anti inflammatory
59.	Ittil	Loranthus falcatus	Loranthaceae	Tannins, Flavanoids, Methyl Ester Acetate, Stigma Sterol, Beta Sterol, Neritaloside.	Bitter astringent Narcotic Diuretic Anti asthmatic Anti hypertensive
60.	Jathika	Myristica fragrans	Myristicaceae	Volatile Oils, Fats, Myristicin, Elimicin, Saffroleuiiu, Myristic Acid, Palmitic Acid, Protein, Starch.	Aromatic Stimulant Carminative Flavouring agent
61.	Kachil	Dioscorea alata	Dioscoreaceae	Starch, Diosgenin, Steroidal Sapogenin, Smilagenin, Epismilagenin, Yammogenin, Beta Isomer Yammogenin.	Rheumatism Precursor for corticosteroids



					Sex hormone
62.	Kacholam	Kaempferia galanga Linn	Zingiberaceae	Pinene, Camphene, Carvone, Benzeneucalyptol, Borneol, Methyl Cinnamate, Pentadecane.	Anti oxidant Anti bacterial Anti cancer
63.	Kadaladi	Achyranthus aspera	Amaranthaceae	Triterpenoids, Saponins, Oleonic Acids, Long Chain Alcohols.	Treatment of spider bite
64.	Kirayat	Andrographis paniculata	Acanthaceae	Diterpenoid Lactones, Flavonoids, 7-O-Methylwogonin, Apigenin, Onysilin and 3,4-Dicaffeoylquinic Acid, Andrographolide.	Antidote Immunostimulatory Anti infective Anti atherosclerotic
65.	Kaduka	Terminalia chebula	Combretaceae	Glycosides, Triterpines, Arjunenin, Chebulosides, Chebulin, Tannic Acid, Luteolin.	Chronic fever Cough Anti asthmatic Haemorrhages
66.	Kaithachakka	Ananas comosus	Bromeliaceae	C6 Aldehydes, Alcohols, Carbonyl Compounds, Methyl Hexanoate, Methyl & Ethyl Butanoate.	Jaundice Fever Stomach problems Renal problems
67.	Kalluruki	Scoparia dulcis linn	Scrophularaceae	Triterpene, Mannital, Dulcitol.	Increases the function of kidney Kidney stones
68.	Kalyana saugandhikam	Hedychium coronarium	Zingiberaceae	Diterpenes, Beta Sitosterols, Stigma Sterols.	Stomatitis Nasal problems Fever
69.	Kanakambaram	Crossandra infundibuliformis	Acanthaceae	Carbohydrates, Alkaloids, Steroids, Tannins, Phenols, Saponins, Fixed Oils, Fats, Gums, Mucilage, Proteins, Flavonoids, Volatile Oils.	Anti microbial Anti fungal Anti candidal
70.	Kanikonna	Cassia fistula linn	Caesalpiniaceae	Flavanoids, Alkaloids, Glycosides, Carbohydrates, Proteins, Aminoacids, Saponins, Triterpenoids.	Purgative Emetic Diuretic Cough Astringent
71.	Kanjaram	Strychnous nuxvomica	Loganiaceae	Indole Alkaloids, Strychnine, Brucine, Vomocine, Alpha Colubrine, Pseudo Strychnine.	Bitter stomachic Tonic CNS stimulant Anti hypertensive
72.	Kanthari	Capsicum frutescens	Solanaceae	Minerals, Vit C, Capsaisin, Nitrogenous Compounds, Steroids, Terpenoids, Steroidal Alkaloids.	Analgesic Anti Spasmodic



					Postoperative nausea
73.	Kappa	Manihot esculenta	Euphorbiaceae	Vitamin B, C, Carotene, Calcium and Iron, Cyanide Glycosides, Linamarin, Starch.	Skin problems Fever Sore muscles Anti cancer Anti tumor
74.	Karimbu	Sacharum officinarum	Poaceae	Alkaloids, Tannins, Flavanoids, Saponins, Reductor Compounds.	Anti diabetic Anti oxidant
75.	Karingali	Acacia catechu	Fabaceae	Catechin, Catecheuic Acid, Pyro Catebin, Phloroglucin, Gum, Minerals.	Anti diarrhea Gastric cancer Anti hypertension Mouthwash
76.	Karinochila	Vitex negundo	Lamiaceae	Iridoids, Flavonoids, Diterpenoids, Derivatives, Phytosteroids, Ketosteroids, Sabinene, A-Pinene, A-Terpinyl Acetate.	Analgesic Anti inflammatory Anti microbial Anti oxidant Hepato protective Anti histamine Anti asthmatic
77.	Kariveppu	Murraya koenigii	Rutaceae	Amino Acids, Glycoside, Flavanoids, Plant Sterols, Vit A, Vit B, Vit C, Nicotinic Acid.	Analgesic Viper bite
78.	Karukapullu	Cynodon dactylon	Poaceae	Hexadeconic Acid, Ethyl Ester, Linolenic Acid, Ethyl Ester, D Mannose.	Headache Skin disease Haematuria Stomach problems
79.	Karuvapetta	Cinnamomum zeylanicum	Lauraceae	Cinnamic Aldehyde, Tannins, Ploba Tannis, Mucilage, Eugenol, Caryophyllene, Manitol, Starch.	Flavouring agent Carminative stomachic Astringent
80.	Kashumavu	Anacardium occidentale	Anacardiaceae	Anacardic Acid, Alkaloids, Poly Phenolics, Saponins.	Anti diarrhea Anti venom Anti fungal
81.	Kasthurimanjal	Curcuma longa	Zingiberaceae	Starch, Curcuminoids, Curcumin, Volatile Oils, Alpha Beta Pinene, Alpha Phellandrene, Camphene.	Anti inflammatory Rheumatism Cervical cancer
82.	Kattarvazha	Aloe barbadensis	Liliaceae	Antraquinone Glycoside, Barbaloin, Aloe Emodin, Resins, Aloesone, Saponins, Glucosamines, Aloetic Acids.	Purgative Anti inflammatory



83.	Kattuchena	Amorphophallus dubis	Araceae	Flavanoids, Phenolics, Heterozygosities, Rutin, Starch, Diosgenin.	Anti emetic Cough Sexual weakness Dysmenorrhea
84.	Kavungu	Areca catechu linn	Arecaceae	Alkaloids, Acrecaidine, Arecoline, Arecatannins.	Dental caries Oral cancer Urinary disease
85.	Kattumallika	Jasminum angustifolim	Oleaceae	Glycosides, Kaemferol, Ligstroside, Secoiridoids, Leuropein.	Anti toxic Skin problems Stomatitis Eye disease
86.	Kayyoni	Eclipta prostrate	Asteraceae	Eclipta Saponins, 3-Hydroxybiochanin, 7-O-Methyrorbol-4o-Beta-D-Glucopyranoside.	Nasal problems Decongestant
87.	Keezhaernalli	Phyllanthu s niruri	Phyllanthaceae	Flavanoids, Alkaloids, Terpenoids, Lignans, Polyphenols, Tannis, Caumarins, Saponins.	Stomach pain Genitourinary system Liver & kidney disorders
88.	Koduveli	Plumbago rosea	Plumbaginaceae	Plumbagin, Plamitc Acid, Myricil Palmitate, Azaleatin, Ayanin.	Rheumatism, Paralytic affections Enlarged glands Skin diseases
89.	Koova	Maranta arundinaceae	Marantaceae	Mono and Di Oligosaccharides, Beta-Carotene, Niacin, Riboflavin, Thiamin.	Anti inflammatory Skin problems Anti diarrheal Immunomodulatory
90.	Koovalakom	Aegle marmelos	Rutaceae	Tannins, Mucilages, Umbelliferone, Isopimpinellin, Marmesin, Fattyacids.	Anti diabetic Anti viral Reduce oxidative stress
91.	Kudampuli	Garcina gummi-gutta	Clusiaceae	Tartaric Acid, Citric Acid, Phosphoric Acid, Poly Isoprenylated Derivatives, Camboginol, Camdogin.	Increase digestion Rheumatism Uterine diseases
92.	Kudangal	Centella asiatica	Apiaceae	Centellin, Asiaticin, Centellicin, Triterpinoids, Glycosides, Centic Acid, Centelloside.	Anxiety Wound & burns Ulcerous skin Diuretic
93.	Kudapana	Corypha umbraculifera linn	Arecaceae	Proteins, Amino Acids, Fats, Oils, Starch.	Haemorrhage Ulcers Skin disease
94.	Kumuzhu	Gmelina arborea	Verbenaceae	Heptacosane, Pentacosane, 1-Pentacosene, Lignans, Arboreol, Paulownin, Gmelinol,	Stomachic



				Epieudesmin(-)-B-Sitosterol.	Anthelmintic Appetite stimulant Abdominal pain
95.	Kundhirikom	Boswellia serrata ROXB	Burseraceae	Monoterpenes, Diterpenes, Triterpenes, Tetracyclic Triterpenic Acids, Pentacyclic Triterpenic Acids, B-Boswellic Acid, Acetyl-B-Boswellic Acid.	Skin and blood diseases Cardiovascular diseases Mouth sores Bronchitis Anti asthmatic Vaginal discharges
96.	Kunni	Abrus precatorius Linn	Fabaceae	Alkaloids, Steroids, Triterpenoids, Isoflavonoquinones, Anthocyanins, Starch, Tannin, Protein, Flavanoids, Phenolic Compound, Fixed Oil, Amino Acid, Flavones Luteolin.	Abdominal pain Cough Hair growth Intestinal worms
97.	Kuronthotty	Sida rhombifolia	Malvaceae	Asparagin, Alkaloids, Ephedrine, Hypaphorine, Vasicinone, Vasicine, Vasicinol, Phytosterols, Mucin, Alkaloids.	Fever & Cough Anti asthmatic Joint pain Headache
98.	Kurumulaku	Piper nigrum	Piperaceae	Volatile Oil, Starch, Gum, Fatty Oil, Ciscaryophyllene, 3-Canene, Humulene, Limonene, Pinene, Alkaloid, Piperidine.	Rheumatism Dyspepsia Skin diseases Anthelmintic
99.	Matilpanna	Hemionitis arifolia	Hemionitidaceae	Flavanoids, Glycosides, Steroids, Phenols, Peptides, Alkaloids, Essential Oils, Coumarines.	Intestinal worms Anti diabetic
100	Maavu	Magnifera indica	Anarcardiaceae	Flavanoids, Xanthone, Urushiols, Essential Oils, Terpinolene, Beta Pinene.	Syphilis Wound Ulcers Rheumatism Anti emetic
101.	Mahagani	Swietenia macrophylla	Meliaceae	Catechin, Epicatechin, 1, 1diphenyl-2-Picrylhydrazyl.	Colon cancer Anti hyperlipidemic Anti inflammatory
102.	Manjadi	Adenanthera pavonina	Fabaceae	Carbohydrates, Flavanoids, Terpenoids, Amino Acids, Indole Alkaloids.	Anti diarrhea Anti inflammatory Anti bacterial
103.	Malli	Coriandrum sativum	Umbelliferae	Fixed Oils, Protein, Linalool, Geraniol, Pinene, Borneol, Coriandryl Acetate, Vit A.	Aromatic Carminative Stimulant Purgative



104.	Mandharam	Bauhania accuminata	Caesalpiniaceae	Starch, Alkaloids, Flavanoids, Tannins, Sequeterpenoids, Phytol.	Skin disease Tumors Anti diabetic
105.	Manithakali	Solanum nigrum	Solanaceae	Polyphenols, Kaempferol, Apigenin, Luteolin, Anthocyanidin.	Sedative Analgesic Laxative Anti oxidant
106.	Manja kolambi	Uncaria tomentosa	Rubiaceae	Ajamalicine, Catechin, Triterpene, Indole Alkaoids, Steroids, Lipids.	Anti oxidant Anti inflammatory Rheumatisim
107.	Maramanjil	Coscinium fenestratum	Menispermaceae	Saponins, Flavanoids, Tannis, Alkaloids, Curcuminoids.	Wound dressing Ulcers Anti diabetic Anti microbial
108.	Maravazha	Vanda tessellate	Orchidaceae	Alkaloid, A Glucoside, Tannins, B-Sitosterol, L-Sitosterol, Long Chain Aliphatic Compound, Fatty Oils, Resins, B-Sitosterol-D-Glucoside.	Alexiteric Anti pyretic Dyspepsia Bronchitis Anti inflammatory
109.	Maroty	Hydnocarpus wightiana	Flacourtiaceae	Hydnocarpin, Luteolin, Isohydnocarpin, Alpha-Glucosidase, N-Acetyl-Beta-D-Glucosaminidase.	Anti diabetic Anti mycobacterial Skin diseases Rheumatism
110.	Mashithandu chedi	Peperomia pellicid	Piperaceae	Sesqueterpenes, Essential Oils, Caratol, Flavanoids, Phytosterols, Styrenes.	Abdominal pain Abscesses Fatigue Gout Haemorrhage
111.	Mathalam	Punica granatum	Punicaceae	Apigenin, Catechin, Epicatechin, Luteleol, Kaempferol, Tryptamine, Triterpenes, 3 Flavanol, Quercetin.	Anti diarrhea Dysentery Intestinal parasites Astringent
112.	Menthoni	Gloriosa superb linn	Liliaceae	Alkaloids, Colchicines, Colchicine Derivatives, Chelidonic Acid, Glycosides, Phenolics.	Toxic wounds Snake bite Scorpion poison
113.	Milanji	Lawsonia inermis	Lynthraceae	Tannins, Lawsonsone, Esculetin, Fraxetin, Scopoletin, Betulin, Lupeol, Quinone.	Skin disease Head ache Hair dye
114.	Moovila	Pseudarthria viscid	Fabaceae	Carotenoids, Flavonoids And Tannins, Petrocarpanoids, Gangetin, Gangetinin, Desmodin,	Anti asthmatic



				Isoflavonoid, Petrocarpoids, Gangetin.	Fever Dysentery Cardiac problem Fractured bone
115.	Mukutti	Biophytum sensitivum	Oxalidaceae	Amentoflavone, Cupressuflavone, Isoorientin, Luteolin 7- Methyl Ether, Caffeoylquinic Acid, Phenolic Compounds.	Stomach ache Anti asthmatic Insomnia Anti epileptic Chest complaints Anti inflammatory
116.	Mula	Bambusa bambos	Poaceae	Coumaric Acids, Methionine, Ferolic Acids, Lysine, Vitamins, Phenolic Acids.	Rheumatism Anti diarrhea Muscle spam Amenorrhea
117.	Mulaku	Capsicum annum	Solanaceae	Capsaicin, Capsaicinoid, Nordihydrocapsaicin, Homodihydrocapsaicin, Homocapsaicin, Carotenoids (Capsanthin, Capsorubin, Carotene, Lutein).	Head ache Arthritis Rheumatism Neuralgia Menstrual cramps Indigestion Psoriasis Muscle pain
118.	Mulberry	Monis nigra	Moraceae	Amino Acids, Ascorbic Acids, Xanthophylls, Isoquercetin.	Purification of blood Purgative Anti diabetic
119.	Mullangi	Raphanus sativus	Brassicaceae	Glucosinolates, Phenolics, Isothiocyanates, Anthocyanon, Delphinidin.	Neuralgia Laxative Anti inflammatory Anti bacterial Splenopathy
120.	Mullatha	Annona muricata	Annonaceae	Alkaloids, Isoquinoline, Coreximine, Anomurine, Caryophyllene, Cadinene, Epi-A-Cadinol, A-Cadinol.	Vit C,B1,B2 defecency Anti cancer Atypical Parkinson's disease
121.	Mundhi vazha	Musa paradisiacal	Musaceae	Saponins, Flavonoids, Alkaloids, Polyphenols, Reducing Sugars, Anthraquinones, Phlobatannins.	Bronchitis Dysentery Ulcers Anti epileptic Leprosy Hemorrhages
122.	Murikoodi	Hemigraphis colorata Blume	Acanthaceae	Hydroxycinnamic Acid Derivatives, Pcoumaric Acid, Ferulic Acid, Caffeic Acids, Phenols, Saponins, Flavonoids, Terpenoids, Coumarins, Carbohydrates, Carboxylic Acid,	External bleeding Anti diabetic



				Xanthoproteins, Tannins, Proteins, Alkaloids, Steroid, Sterols.	Anemia Anti hepatotoxicity Anti bacterial
123.	Muringakka	Moringa oleifera	Moringaceae	Hexacosone, Pentacosone, Flavanoids, Quercetin, Essential Oils, Leuteolin.	Dyspepsia Anti diarrhea Flactulence Paralysis Anti inflammatory
124.	Muthanga	Cyperus rotundus	Cyperaceae	Alkaoids, Flavanoids, Glycosides, Furochromones, Momoterpenes, Starch, Sitosterol.	Anti pyretic Analgesic Anti diabetic Anti inflammatory
125.	Muthira	Macrotyloma uniflorum	Fabaceae	Iron, 3-4 Dihydroxy Benzoic Acids, Vanillic Acids, Molybdenum, Inositol And Ethyl Alphad-Glucopyranoside, N- Hexadecanoic acid, Octadecadienoic Acid, Phytosterols.	Anti diabetic Anti oxidant Astringent
126.	Muyalcheviyan	Emila sonchifolia DC	Asteraceae	Alkaloids, Flavanioids, Simiral, Beta Sitosterol, Stigmasterol, Palmitic Acid.	Anti oxidant Anti tumor Anti carcinogenic
127.	Nagathalli	Anoectochilus elatus	Orchidaceae	Alkaloids, Carotenoids, Flavonoids, Steroids, Terpenoids, Tannins, Cyanogenic Glycosides.	Rheumatic pains Abdominal Complaints Nervous debility Antidote
128.	Nandyarvattom	Tabernaemontana divaricata	Apocynaceae	Indole Alkaloids, Voacanginine, Vogcristine, Triterpenoids, Resins, Lupeol, Amyrin.	Skin disease Headache Purifying blood Itching
129.	Narutheendi	Hemidesmus indicus	Asclepiadaceae	Alkaloids, Steroids, Terpenoids, Phlobatannins, Cardiac Glycosides, Lignin, Phenolic Compounds.	Blood purification Demulcent Diaphoretic Jaundice Dysentery
130.	Neelakoduveli	Plumbago auriculata	Plumbaginaceae	Naphthoquinones Plumbagin, Epiisoshinanolone, Steroids Sitosterol, 3-O-Glucosylsitosterol, Plumbagic, Palmitic Acids	Styptic Wound healing Analgesic Anti microbial Anti cancer Cardiotionic
131.	Naikuruna	Mucuna pruriens	Fabaceae	Alkaloids, Saponins, Sterols, L-Dopa, Alkylamines, Arachidic Acid, Behenic Acid, Betacarboline, Beta-Sitosterol, Bufotenine, Cystine, Dopamine, Fatty Acids, Flavones, Galactose D, Gallic Acid, Genistein Glutamic Acid, Glutathione, Glycine, Histidine.	Snake bite Parkinson's disease Leukorrhea



					Spermatorrhoea Menstrual disorders
132.	Nilamparanda	Desmodium triflorum	Fabaceae	B-Phenylamine, Indole-3-Acetic Acid, Tyramine, Trigonelline, Hypaphorine, Tryptophan Methyl Ester, S-L-Stachydrine, Alkaloid Hypaphorine.	Dysentery Indigestion Anti diarrhoea Fever Rheumatism
133.	Nellika	Phyllanthus emblica	Phyllanthaceae	Flavonoids, Kaemferol 3-O-Alpha-L-Tannic Acid, Ellagstannin, Gallic Acid, Emblican.	Diuretic Laxative Hair dye Cardio protective
134.	Nellu	Oryza sativa Linn	Poaceae	Amino Acids, Carbohydrates, Arabinose, Mannose, Galactose, Glucuronic Acid.	Diuretic Burning sensation Bilious fever Sranjury Anti diabetic
135.	Nilamari	Indigofera tinctoria Linn.	Fabaceae	Glycoside, Coloring Matter (Indigotin), Flavonoids, Terpinoids, Alkaloids, Glycosides, Indigotine, Indiruben, Rotenoids.	Anti diabetic Anti bacterial Anti oxidant Cytotoxic Anti inflammatory Hepatoprotective
136.	Nilanarakom	Naregamia alata	Meliaceae	Γ-Himachalene, B-Caryophyllene, B-Sesquiphellandrene, Emetine, Cephaeline, Psychotrine Psychotrine Methyl Ether, Emetamine.	Anti bacterial Wounds Ulcers Cough Bronchitis Splénomegaly
137.	Nilapana	Curculigo orchioides Gaertn	Amaryllidaceae	Glycosides, Polysacchride, Fat, Tannins, Resin, Mucilage, Yuccagenin, Alkaloid Lycorin, Sapogenin, Phenolic Glycoside.	Carminative Aphrodisiac Anti pyretic Ophthalmia Indigestion Anti emetic Anti diarrhoea
138.	Njaval	Syzygium cumini	myrtaceae	Anthocyanins, lucoside, Ellagic Acid, Isoquercetin, Kaemferol, Myrecetin, Alkaloid, Jambosine.	Anti oxidant Stomachic Astringent Diuretic Anti diabetic



139.	Nishagandhi	Epiphyllum oxypetalum	Cactaceae	Saponins, Phenolic Compounds, Steroids, Glycosides, Tannins, Terpenoids, Resins.	Cure dropsy Cardiac affections Tonic Aphrodisiac Anti diabetic
140.	Njerinjil	Tribulus terrestris Linn	Zygophyllaceae	Flavonoids, Flavonol Glycosides, Steroidal Saponins, Alkaloids, Tigogenin, Neotigogenin, Gitogenin, Neogitogenin, Hecogenin, Neohecogenin, Diosgenin, Chlorogenin, Ruscogenin.	Seminal weakness Urinary retention Kidney stone Flatulence Fever
141.	Orila, irila	Desmodim gangeticum	Fabaceae	Genistin, Flavanoids, Glycosides, Pterocarpanoids, Lipids, Glycolipds, Alkaloids, Caffeic Acid, Chlorogenic Acid, Beta Carboline.	Sedative Neurological imbalances Aphrodisiac Abdominal pains
142.	Panal	Glycosmis arborea	Rutaceae	Carbazole Alkaloids, Terpenoids, Coumarins, Flavonoids, Carbazole Glycozoline, Glycozolidine	Leucorrhoea Arthritis Urinary infection Cough Bronchitis Anti asthmatic Burning sensation
143.	Panikoorka	Plectranthus amboinicus	Lamiaceae	Salviasofic Acids, Rosmarinic Acid, Thymoquinone, Shimobasnidric Acid.	Nasal conjection Flactulence Rheumatism Cough
144.	Panjimaram	Bombax pentandrum	Bombacaceae	Fatty Acids, Squalene, Taraxerol, Taraserone, Loliolide.	Tumor Urinary retention Sexual weakness
145.	Papaya	Carica papaya	Caricaceae	Papain, Chymopapain, PolyPeptides, Amides, Proteolytic Enzymes.	Anti inflammatory Relieving Symptoms of pisiotomy Anti cancer
146.	Parpataka pullu	Hedyotis corymbosa	Rubiaceae	Hedyotide B1 &B2, Cyclotides.	Cold & fever Anti inflammatory Immune support
147.	Passion fruit	Psidium guajava	Myrtaceae	Tannic Acids, Guijavalic Acids, Eugenol, Sesqueterpene, Gibberellins, Ellagic Acids, Saponins.	Gastro enteritis Vomiting Anti diarrhea



					Tooth ache
148.	Pathimukam	Caesalpinia sappan linn	Fabaceae	Triterpenoids, Isoflavonoids, Steroids, Amino Acids.	Anti diabetic Skin disease Wounds
149.	Pavaika	Momordica charantia	Cucurbitaceae	Alkaloids, Glycosides, Aglycone, Tannin, Sterol, Phenol, Protein, Disogenin, Linoliec Acid, Polyunsaturated Fatty Acids.	Leprosy Ulcers & wounds Burning sensation Rheumatism Anti diabetic Anti inflammatory Anti asthmatic
150.	Pera	Psidium guajava	Myrtaceae	Pentacyclic Triterpenoid Guajanoic Acid, Beta-Sitosterol, Uvaol, Oleanolic Acid, Ursolic Acid, Quercetin, Hyperin, Myricetin-3-O-Beta-D-Glucoside.	Gastroenteritis Anti emetic Anti diarrhea Dysentery Ulcers Toothache Coughs Sorethroat
151.	Pichi poo	Fabiana imbricate	Solanaceae	Benzyl Acetate, Methy Jasmonate, Indol, Linalool, Lialyl Acetate, Benzyl Alochol.	Diuretic Hepatic stimulant Dyspepsia Jaundice
152.	Plavu	Artocarpus heterophyllus Lam	Moraceae	Morin, Dihydromorin, Cynomacurin, Artocarpin, Isoartocarpin, Cyloartocarpin, Artocarpesin, Oxydihydroartocarpesin, Artocarpetin, Norartocarpetin, Cycloartinone, Betulinic Acid, Artocarpanone, Heterophyol.	Anti bacterial Anti inflammatory Anti diabetic Anti oxidant Immunomodulatory
153.	Ponnariveeran	Cassia occidentalis Linn	Euphorbiaceae	Achrosin, Aloeemodin, Emodin, Anthraquinones, Anthrones, Apigenin, Aurantiobtusin, Campesterol, Cassiollin, Chryso-Obtusin, Chrysophanic Acid, Chrysarobin, Chrysophanol, Chrysoeriol.	Allergy Bronchitis Anti asthmatic Anti diabetic Fever Wounds Skin diseases
154.	Poovamkurunila	Cyanthillium cinereum	Asteraceae	Terpenes, Alkaloids, Lignans, Tannins, Phenolics, Kaemferol, Adenosine.	Kidney disorder Diuretic Menstrual pain Anti asthmatic



155.	Potato	Solanum tuberosum	Solanaceae	Fat, Protein, Ash, Crude Fiber, Starch, Glycoalkaloids, Ascorbic Acid, Dehydrotomatine, Alpha-Tomatine.	Anti oxidant Anti epileptic Obesity Anti adhesion
156.	Pukayila	Lobelia nictianifolia	Campanulaceae	B-Carotene, Tannin, Flavonoid, Phenolic Components, Ascorbic Acid, L-Lobeline, Lobelanine, Nor-Lobelanine, Lobelanidine, Nor-Lobelanidine.	Bronchitis Anti asthmatic Emetic Insect bites
157.	Puvarasu	Thespesia populnea	Malvaceae	Kaempferol, Quercetin, Kaempferol 3-Glucoside, Quercetin 3-Glucoside, Rutin, Nonacosane, Lupenone, Myricyl Alcohol, Lupeol, B-Sitosterol, B-Sitosterol-B-D-Glucoside	Skin diseases Dysentery Haemorrhages Tonic Anti hypertensive
158.	Puvoor	Schleichera oleosa	Sapindaceae	Triterpenoids, Proteins, Calcium, Potassium, Ethers	Skin disease Malarial fever Cholera Rheumatism
159.	Ramacham	Vetiveria zizanioides	Poaceae	Vetiver Oil, Azulene, Nootkatane, Seaqueterpenes, Khusol, Khusinol, Khusimone.	Irritable stomach Anti emetic Anti inflammatory Fever
160.	Rose	Rosa rubiginosa	Rosaceae	Essential Oils, Citrionellol, Geraniol, Eicopene, Phenylethyl Alcohol, Farnesol, Eugenol, Nerol, Alpha Pinene.	Headaches Dizziness Treatment of burns Scars and wrinkles
161.	Sarpagandhi	Rauvolfia serpentine	Apocynaceae	Serpentinine, Reserpine, Yohimbine, Ajmaline.	Bites of venomous reptiles Anti hypertensive Schizophrenia Insect bite
162.	Seethathali	Pyrrrosia piloselloides	Polypodiaceae	Flavanoids, Saponins, Steroids, Tannins.	Anti oxidants Breast cancer Cytotoxic
163.	Shankupushpam	Clitoria ternatea	Fabaceae	Free Amino Acids, Serine, Aspartic Acid Threonine, Tyrosine, Isoleusine, Leusine, Hydroxy Proline.	Skin diseases Eye & throat infection Urinary troubles Anti emetic Anti dypsetic



					Mild laxative
164.	Shathavari	Asparagus racemosus	Liliaceae	Steroidal Saponins, Shathavarin, Glycosides(Shathavarin I).	Diuretic Anti oxytoxic Nervine disorders
165.	Tea	Thea sinesis	Theaceae	Purine Alkaloids, Caffeine, Phenolic Acids, Amino Acids, Kaempferol, Catechins, Myrticin.	Diuretic Stimulant
166.	Teak	Teetona grandis linn	Lamiaceae	Beta Sitosterol, Anthraquinones, Naphthaquinones, Caprilic Acid, Linoleic Acid.	Bronchitis Laxative Expectorant Itching
167.	Tena	Setaria viridis	Poaceae	Naphthol Rhamnosides, 8-O-A-L-Rhamnosyl-B-Sorigenin, 6-Hydroxy-8-O-A-L-Rhamnosyl-B-Sorigenin, 6-Methoxy-8-O-A-L-Rhamnosyl-B-Sorigenin, Tricin, P-Hydroxycinnamic Acid, Vitexin 2''-O-Xyloside, Orientin 2''-O-Xyloside.	Astringent Aphrodisiac Diuretic Laxative Rheumatism Burning sensation Fractures
168.	Thamara	Nelumbo nucifera	Nelumbonaceae	Luteolin, Quercetin 3-O-B-D-Glucuronide, Quercetin 3-O-B-D-Glucoside, Isorhamnetin 3-O-Rutinoside, Alphitolicacid, Maslinic Acid, N-Methylasimilobine, Norsesquiterpenoids, Triterpenes, Catechin.	Smallpox Anti diarrhea Dysentery Cough Diuretic Anthelmintic
169.	Thazhuthama	Boerhavia diffusa Linn	Nyctaginaceae	B-Sitosterol, A-2-Sitosterol, Palmitic Acid, Ester Of B-Sitosterol, Tetracosanoic, Hexacosanoic, Stearic, Arachidic Acid, Urosilic Acid, Hentriacontane, B-Ecdysone, Triacontanol	Dyspepsia Tumours Spleen enlargement Abdominal pains Cardiac diseases Anti asthmatic
170.	Thetti	Ixora coccinea Linn	Rubiaceae	Triterpenes, Monoterpenes, Sesquiterpenes, Ester, Triterpenes, Ursolic Acid, Oleanolic, Lupeol, Geranyl Acetate, Linalyl Acetate, Cyperene, Copaene.	Skin diseases Colic flatulence Anti diarrhea Indigestion Ulcers Wounds
171.	Thippali	Piper longum linn	Piperaceae	Alkaloids, Piperine, Sesamine, Sesamin, Pulvuatilol, Fargesin, Pipericide, Piperderidine, Longamide, Tetrahydropiperine, Terahydro Piperlongumine, Dehydropiperonaline Piperidine.	Increase immunity Increase haemoglobin Breast cancer Colon cancer



					Fibromyalgia
172.	Thiruthali	Ipomoea sepiaria Roxb.	Convolvulaceae	Alkaoids, Phenols, Saponin, Resins, Terpenoids, Steroids, Amino Acids, Glycosides.	Viper bite Anti microbial Anti fungal Cardiac depressant Anti hypertensive Anti Spasmodic
173.	Thottavadi	Mimosa pudica Linn	Mimosaceae	Or-Epinephrine, D-Pinitol, B-Sitosterol, Terpenoids, Flavonoids, Glycosides, Alkaloids, Quinines, Phenols, Tannins, Saponins, Coumarins, Phytosterol	Jaundice Anti asthmatic Anti bacterial Anti venom Anti fertility Anti epileptic Anti depressant
174.	Thulasi	Ocimum sanctum	Lamiaceae	Tannins, Alkaloids, Volatile Oils, Thymol, Urosolic Acid, Linalool, Methy Chamicol, Citral, Eugenol.	Anti histamine Increase wbc count Prevent cell granulation Anti septic
175.	Thumba chedi	Leucas aspera	Lamiaceae	Tri Terpenoids, Oleanolic Acid, Nicotine, Sterols, Glucosides, Diterpenes, Farnesene, Steric Acid.	Throat pain Tonsillitis Anti diabetic Jaundice
176.	Ummam	Datura metel	Solanaceae	Scopolamines, Atropine, Daturilin, Hyosine, Hyosamine.	Sedative Spasmodic Mydriatic Rabies Anti asthmatic
177.	Ungu	Pongamia pinnata	Fabaceae	Flavonoids, Fixed Oils, Glabrachalcone Isopongachromene, Pongone, Galbone, Pongalabol, Pongagallone, Furanoflavonoid Glucosides, Pinnatin, Beta-Sitosteryl Acetate, Saturated And Unsaturated Fatty Acids.	Anti septic Skin allergies Anti plasmodial Anti diabetic Anti lipidoxidative Anti diarrhea Anti ulcer Anti hyperammonic Anti oxidant
178.	Uzhinja	Cardiospermum halicacabum	Sapindaceae	Alcohols, Phenols, Alkanes, Alkynes, Aliphatic Ester, Flavonoids, Cyclohexane-1, 4, 5-Triol-3-One-1-Carboxylic Acid, Benzene Acetic Acid, Caryophyllene, Phytol,	Anti bacterial Anti fungal



				Neophytadiene.	Anti oxidant Anti cancer Rheumatism Severe bronchitis
179.	Vaka	Albizia lebbeck	Mimosaceae	Triterpene(Albigenin), Glucose, Galactose, Arabinose, Xylose, Fructose, Echinocystic Acid, Beta Sitosterol, Spermine Alkaloids, Flavanols, (-) Epicatechin, Procyanidin, B-2, Procyanidin B-5, Procyanidin.	Viper bite Anti fertility Ophthalmic use Anti histaminic Anti asthmatic Anti inflammatory
180.	Vallikuronthotty	Sida cordata	Malvaceae	Starch, Alkaloids, Flavonoids, Tannins, Reducing Sugars, Amino Acids, Lignins, Cardiac Glycosides, Triterpenoids.	Leucorrhoea Arthritis Urinary infection Cough Bronchitis Burning sensation
181.	Vathamkolli	Justicia gendarussa Burm.f	Acanthaceae	Alkaoids, Flavonoids, Steroidal Saponins, Triterpenoidal Saponins, Amino Acids, Friedlin, Lupeol, Beta Sitosterol, Benzyl Alcohol.	Headache Cough Bronchitis Migrain & fever Fractured bone
182.	Vatta	Macaranga peltata	Euphorbiaceae	Stilbenes, Flavonoids, Coumarins, Terpenoids, Tannins, Steroids, Carbohydrates, Glycosides.	Kidney stones Anti cancer Anti inflammatory Anti oxidant Anti microbial Anti plasmodial
183.	Vayambu	Acorus calamus	Acoraceae	Glycosides, Saponins, Eugenol, Methy Eugenol, Calamine, Alpha Pinene, Azulene Flavanoles.	Dysentery Skin disease Bronchitis Stomach problems Anti epileptic



184.	Shavamnari	Vinca minor	Apocynaceae	Alkaloids, Vincamine, Reserpine, Reserpinine, Akuammicine, Majdine, Viperine, Ervine, Vineridine, Tombozine, Vincamajine, Vincanine, Vincanidine, Vincamone, Apovincamine, Vincaminol, Desoxyvincaminol, Vincorine, Perivincine.	Anti diarrhea Throat ailments Chest pain Anti hypertensive Sore throat Intestinal pain
185.	Vazhuthana	Solanum melongena	Solanaceae	Flavonoids, Alkaloids, Tannins, Steroids, Oxalic Acid, Solasodine, Ascorbic Acid, Tryptophan, Tropane, Pyrrolidine, Quinazolizidine, Steroid Alkaloids, Glycoalkaloids, Solanoflavone.	Anti oxidant Bronchitis Anti asthmatic Stimulant Hemorrhagic fluxes
186.	Vishapacha	Beloperone Plumbaginifolia	Acanthaceae	Tannins, Saponins, Flavonoids, Alkaloids, Proteins, Steroids, Anthraquinones.	Viper bite Anti cancer Anti bacterial Anti oxidant
187.	Veppu	Azasirachta indica	Meliaceae	Azadirachtin, Meliantrol, Salanin, Nimbin, Nimbidin, Triterpenes, Limanoids, Flavanol, Glycosides, Quercetin, Myrcetin.	Insecticide Anti feedant Anti microbial Spermicidal activity
188.	Vettila	Piper bettele linn	Piperaceae	Essential Oil, Chavicol, Chavibetol, Cineole, Alkaloids, Tannins, Starch, Diosgenin.	Skin irritation Anti emetic
189.	Vishnukranthi	Evolvulus alsinoides	Convolvulaceae	Phenols (Quercetin), Steroids, Reducing Sugars, Alkaloids, Phenolic Compounds, Saponins, Tannins, Flavonoids, Amino Acids, Terpenoids, Cardioglycosides.	Purifies blood Improve memory Anti cancer Anti diabetic Cardiovascular diseases



190.	Vanji	Salix tetrasperma	Salicaceae	Sapogenins, Quinovic Acid, Salicortin, Saligenin, Phenolic Glycosides, Pyrocatechol, Tannins, Triterpenes, Amyrin, Lupeol, Chalcinasterol, Steroids, Beta-Sitosterol, Stigmasterol, Friedelin.	Rheumatism Anti Epileptic Swelling Piles Venereal diseases Stones in bladder
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Table 2: Summary of Plant Families

Family	No.s	Family	No.s	Family	No.s	Family	No.s
Acanthaceae	6	Clusiaceae	1	Marantaceae	1	Plumbaginaceae	2
Acoraceae	1	Combretaceae	2	Meliaceae	3	Poaceae	9
Adiantaceae	1	Convolvulaceae	2	Menispermaceae	3	Polypodiaceae	1
Amaranthaceae	3	Crassulaceae	1	Mimosaceae	2	Punicaceae	1
Amaryllidaceae	1	Cucurbitaceae	2	Mimosoideae	1	Rosaceae	1
Anacardiaceae	3	Cyperaceae	1	Moraceae	6	Rubiaceae	4
Annonaceae	3	Dioscoreaceae	1	Moringaceae	1	Rutaceae	4
Apiaceae	3	Erythroxylaceae	1	Musaceae	1	Salicaceae	1
Apocynaceae	4	Euphorbiaceae	4	Myristicaceae	1	Santalaceae	1
Araceae	4	Fabaceae	12	Myristicaceae	1	Sapindaceae	2
Arecaceae	3	Flacourtiaceae	1	Myrtaceae	4	Sapotaceae	1
Asclepiadaceae	2	Hemionitidaceae	1	Myrtaceae	1	Scrophularaceae	1
Asteraceae	4	Lamiaceae	5	Nelumbonaceae	1	Solanaceae	8
Bombacaceae	1	Lauraceae	1	Nelumbonaceae	1	Sterculiaceae	1
Brassicaceae	1	Leguminosae	2	Nyctaginaceae	1	Theaceae	1
Bromeliaceae	1	Liliaceae	3	Nymphaeaceae	1	Umbelliferae	2
Burseraceae	1	Loganiaceae	1	Oleaceae	3	Verbenaceae	1
Cactaceae	1	Loranthaceae	1	Orchidaceae	2	Vitaceae	1
Caesalpiniaceae	3	Lynthraceae	1	Oxalidaceae	2	Zingiberaceae	5
Campanulaceae	1	Magnoliaceae	1	Phyllanthaceae	2	Zygophyllaceae	1
Caricaceae	1	Malvaceae	3	Piperaceae	4		



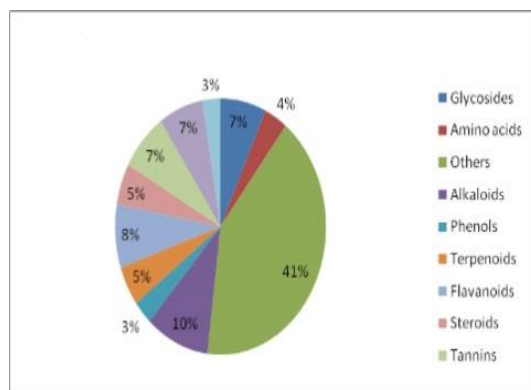
DISCUSSION³²

Figure 2: Percentage distribution of Chemical Constituents in Plants

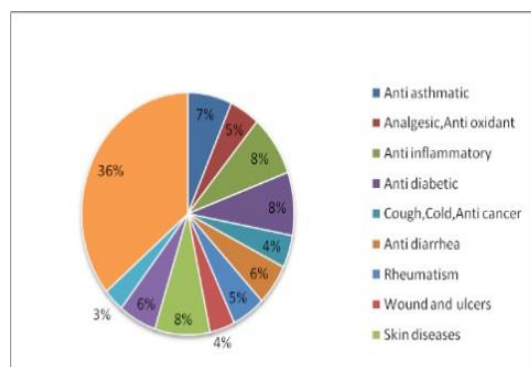


Figure 3: Percentage distribution of Medicinal Uses of Plants

CONCLUSION

Table 2 summaries the number of plant family present in the study area

As per the survey, the study conducting area pathanamthitta has several medicinal plants, which are used as natural remedies for many disease. Pathanamthitta is a tribals settled area, there is no facilities for the patients are in chronic conditions. Vaidyans treat the tribes having deep wounds or infections and the treatment with this medicines cause healing from the problems.

The fact that the younger generation not interested to know and study about the traditional system of medicines.

This system of medicinal treatment are vanishing from our culture so we protect and increases the use of such medicines from this medicines the practitioner can give good treatment in the patients.

This study describes about the knowledge of indogenous medicinal plants used by primitives in the locality and it will helpful for the next generation.

REFERENCES

1. Binu. S, Wild Edible Plants Used By Tribals In Pathanamthitta District, Kerala. Indian Journal of Traditional Knowledge. 9(2), 2010, 309-312.

2. Dhandapani. R and Sabna. B, Phytochemical constituents of some Indian medicinal plants. Anc. Sci. Life. 27(4), 2008, 1–8.
3. Prabhu S, Vijayakumar S, Ethnobotanical Study of Traditionally Used Medicinal Plants In Malayali Ethnic People of Pachamalai Hills, Tamilnadu, India., Pharm.Med.Res. 2(1), 2016, 39–42.
4. Thangaraj, Francis X. A.N, Moorthy Kannan A, Leyonelija A, Anthonysamy Auxillia A, Antony K, Freeda R. B, Subburaman S. A. A, Ethnobotanical Study of Kani tribes In Thoduhills of Kerala Southindia, Journal of Ethnopharmacology, 152, 2014, 78–90.
5. Binu S, Medicinal Plants Used By the Tribals of Pathanamthitta District of Kerala for Treating Cut and Wounds, Indian Journal of Botanical Research, 5(1&2), 2009, 137-142.
6. Neha.S, Effect of Cynodon Dactylon on Rotenone Induced Parkinson's Disease. Oriental Pharmacy and Experimental Medicine, 12(3), 2012, 167-175.
7. Khare. C.P, Indian Medicinal Plants: An Illustrated Dictionary, Springer Science & Business Media, 2008, 2-873.
8. Sivarajan V.V, Indira B, Ayurvedic Drugs and Their Plant Sources, Oxford and IBH Publishing, 1994, 15-524.
9. Biren S, Avinash.S, Textbook of Pharmacognosy and Phytochemistry. Elsevier Health Sciences, 2012, 1-83.
10. Farooq. S, 555 Medicinal Plants: Field and Laboratory Manual, Identification With Its Phytochemical And *in vitro* Studies Data. International Book Distributors, 2005, 111-395.
11. Anilkumar N, Sivadasan M and Ravi N. Flora of Pathanamthitta District (Western Ghats, Kerala), Daya Publishing House, New Delhi, 2005, 8-567.
12. Tripathi. I.P, Chemistry, Biochemistry and Ayurveda of Indian Medicinal Plants. International E Publication, 2010, 134-138.
13. Ivan A. Ross. Medicinal Plants of the World :Chemical Constituents, Traditional and Modern Medicinal Uses, Springer science and business media. 2007, 4-24.
14. Lim T. K, Edible medicinal and non medicinal plants modified stems, roots, bulbs.3.springer, 2014, 96-870.
15. Kapoor L. D, Handbook of Ayurvedic Medicinal Plants: Herbal Reference Library, CRC Pres, (2), 2000, 28-340.
16. Sibin M. S, Selvin J. N, Kuru.S, Vijayan.R. Ethano Botanical Knowledge on Single Drug Remedies From Idukki District Kerala For The Treatment Of Some Chronic Diseases. international j of re. in ayurveda and pharmacy, 2(2), 2011, 531-534.
17. Nambiar V.P.K, Indian medicinal plants: A Compendium of 500 species, 5.oreint black swan, 1993, 1-444.
18. <http://stthomascollege.info/projects.php/Dr.K.Danielkutty/>
19. <http://www.ijppsjournal.com/Vol5Issue3/4581.pdf>
20. <http://www.medicinalplantsindia.com/medicinal-plants-list.html>
21. <http://www.science.gov/topicpages/vegetable+brassica+le>



- afy.html medicinal-plants/
22. <http://jocpr.com/vol7-iss5-2015/JPCR-2015-7-5-271-280.pdf> 28. <http://www.indianmedicinalplants.info/plants/>
23. <http://en.wikipedia.org/wiki/Vincaminor> 29. <http://siddhadreams.blogspot.in/2011/08/glossary-of-malayalam-name-botanical.html>
24. <http://ijpsdr.com/pdf/vol5-issue2/1.pdf> 30. <http://ayurvedamarunnugal.blogspot.in> m=1
25. <http://www.summitdaily.com/entertainment/19137061-113/science-of-food-the-secrets-of-cinnamon> 31. <http://www.plantnames.unimelb.edu.au/Sorting/Malayalam-index-new.html>
26. <http://www.toxicologycentre.com/medicinal-plants-arranged-by-malayalam-alphabet> 32. Abdul L. K, Smitha P.K and Remashree A.B. Ethnomedicine Used For Treating Cuts and Wounds By the Tribes Of Attappady, Kerala. International Journal of Herbal Medicine, 2(2), 2014, 1-8.
27. <http://www.medicinalplants-pharmacognosy.com/herbs->

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