

Original Research Article

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## Ethnobotany of Selected Medicinal Plants Documented at Adilabad District Telangana State, India

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### ABSTRACT

The life of the Folk lore is intimately connected with the plants in their day-to-day activities. They are dependent on the plants for their food, clothes, shelter, medicine, beverages, binding material, oils, resins, etc. The paper deals with the indigenous Traditional medicinal knowledge of local Folk lore people of medicinal plants used to cure various diseases and ailments available in reserver forest areas Adilabad district. Telangana state. A total of 249 plant species belonging to 78 families are documented. The ethnobotanical data obtained from local inhabitants revealed that 113 diseases find curative chemical constituents in 249 plant species.

### Introduction

The word 'ethno' means a group of people sharing common origin, culture, language, customs, beliefs, traditions, etc., and 'botany' is the study of plants. Thus, Ethnobotany is a hybrid term, with anthropological approach to plant science. For Ethnobotanical study, there should be close working relationship between botanists, ecologists, anthropologists, chemists, soil scientists, pharmacologists. While botanists are required to identify the plants, the others are required for ecology and environment, for gathering the data of the plants used by the ethnic groups, for phytochemical analysis, for noting down the details

of soil and for testing the efficacy of native dugs. Since the past the people had tried to gain knowledge about the plants their uses. Plants have basic necessity to fullfil their basic requirements like food, shelter etc. The modern medicines used now have their orgin from the traditional medicinal knowledge. Many drugs are originated from the knowledge about the plants in traditional and folk medicine. Worldwide 80% of the population in developing countries still depends on traditional medicine for their primary health care as per world health organisation. The traditional medicinal plants depict the socio-culture, spiritual and medicinal area of rural tribal families (Hemalatha and Subba Reddy, 1982; Jain and Mudgal, 1999). The very

name Ethnobotany indicates that it is an interdisciplinary science. The life of the tribals is intimately connected with the plants in their day-to-day activities. They are dependent on the plants for their food, clothes, shelter, medicine, beverages, binding material, oils, resins, etc. The tribals have small families. They employ some plants for contraception. A further enquiry, in this line, may bring the population in general, under control. In India, plants have been used in traditional medicine for several thousand years., 2500 plant species used by traditional healers, 100 species of plants serve as regular sources of medicine. The tribals use curare botanically known as *Chondrodendron tomentosum* as hunting poison. Later on it has been found by the scientific community that it contains tubocurarine, which is now being used as a painkiller and muscle relaxant. A further investigation, on other plants, may lead to the discovery of new sources in this direction (Jain, 1995). The tribals use some plants as narcotics and hallucinogens. A further enquiry may lead to the discovery of new drugs for anesthesia. There are many remedies among the various traditional systems for cure, for a number of ailments (Padma Rao and Ramachandra Reddy, 2000). Even now, due to poor condition of modern healthcare facilities, poverty, in-accessability to modern treatments, people of tribal and rural areas depend on medicinal plants to cure various diseases (Ramakrishna, 2013). There is an intimate relationship between plants and human beings. There are several references of use of plants by man in the Indian epics. Plants were used by our ancestors, folklore and tribal societies. Many of the rituals are plant-based (Rai, *et al.*, 2000; Ramachandra Reddy and Padma Rao, 2002). So, the present study is aimed at documentation of ethnomedical uses of flora of the Adilabad district Reserver fores.

### **Adilabad derives its name from the erstwhile ruler of Bijapur, Mohammed Adil Shah**

The district is world famous for its Nirmal toy making and Dhokra casting. The district was situated between 77° 47' and 80° E, of the eastern longitudes and 18.40' and 19.56 N', of northern

latitudes. Adilabad is famous for its rich cultivation of cotton. Hence, Adilabad is also referred as "White Gold City". It is located about 304 kilometres (189 mi) north of the state capital, Hyderabad, 150 kilometres (93 mi) from Nizamabad and 196 kilometres (122 mi) from, Hidden behind the infamous backwardness of Adilabad is a treasure trove of tribal culture waiting to be explored. The district has enormous potential for culture tourism thanks to its nearly 3.5 lakh adivasi population, dominant being the Gonds and Kolams, who continue to latch on to its glorious traditions (Pullaiah and Silar Moammed, 1999).

### **Materials and Methods**

The present study is aimed at the preparation of an inventory of plants and their medicinal uses practiced by tribal's in Adilabad district, related to the traditional medicinal practices of local tribal communities such as Kolams, Naikpods, Pardhans, Gonds, Thotis, Chenchus and Mathuras to achieve this aim the following objectives were studied viz.,

To record the traditional medicinal practices of the tribal communities of Adilabad district.

Botanical identification and herbarium preparation of the plants used by them.

To record the methodology followed by them in diagnosis during administration and curing of the diseases.

To document the scientific data for future reference/studies.

To study the other non-medicinal uses of the plants such as food, fodder and other uses

The data on medicinal plants used by various tribal communities has been collected during the past two years i.e., January 2017 to December 2019, the author has surveyed 30 locations which include gudems and remote places at small habitations in deep forest areas, The study area representing under 10 mandals viz., Bellampalli, Chinnur, Ichoda, Jaipur, Jannaram, Kerimeri, Sirupur(u), Tiryani,

Utanoor and Wankidi Mandals of Adilabad district. Standard methods of botanical collection and techniques of herbarium preparations were followed as suggested. Plants have been collected in flowering and fruiting stages for the preparation of herbarium. The vouchered specimens were deposited in the Herbarium, Department of Botany, Osmania University and Hyderabad. Observations of the plant species were made with respect to their location and other field characters. The information's on medicinal properties of plants is gathered from various such as consulting the local village heads elderly, Vaidyas, and other herbal practitioners. Help from department personal including DFO – Adilabad and his associates were taken during the survey.

### Enumerations

In the enumeration, the family and taxons are arranged alphabetically. Ethno botanical uses of some medicinal plant parts used by tribes for some disease

### Results and Discussion

The present study encompasses the in-depth investigation on medicinal plants which are used in by the local healers in the district of Vikarabad, Telangana state. An attempt is made to gather information from the Tribal communities.

These communities are directly interlinked with nature and having symbiotic relationship with the medicinal plants in the region. The author has recorded 250 plant species belonging to 80 families. Angiospermic families of medicinal plants which are used by the herbal practitioners for treating health care applications Fabaceae is the dominant one with 37 plant species. Apocynaceae, Euphorbiaceae, Poaceae, Rubiaceae, Amaranthaceae, Verbenaceae, Cucurbitaceae,

The Traditional botanical data obtained from local people revealed that 113 diseases find curative chemical constituents in 250 plant species. It was observed that the number of plant species to cure

skin diseases occupy the first place followed by Antidote, Cough, Dental care Diabetes, Diarrhoea, Febrifuge, Jaundice, Leucorrhoea Rheumatic pains Urinary disorders. Asthma. The remaining plant species of accounted for the cure of remaining 100 diseases allergy, burns, cancer, cuts, dandruff, epilepsy, hair growth, impotency, lactogogues leucoderma, obesity, purgatives, sexual vigour (aphrodisiac), The bone fractures, tuberculosis, wounds, and various other diseases also find curative chemicals in the medicinal plants documented from the study site.

### Non-Medicinal Uses of Plants

Tribes of Adilabad district use forest produces for various purposes other than medicinal plants such as food, fiber, fuel, gum, oils, broom sticks, toys, agricultural use, building huts, fodder for animals, flowers use in the festivals to offer and decorate gods and goddess, marriages, birth and death ceremonies, belief and taboos etc.

The same is discussed under various categories as described below. Tribal communities collect seasonally available fruits, seeds and nuts from time to time from the forest and store them for future requirements that includes the plant produces of *Aegle marmelos*, *Anacardium occidentale*, *Annona reticulate*, *Annona squamosa*, *Borassus flabellifer*, *Bridelia retusa*, *Buchanania axillaris*, *Buchanania lanzan*, *Careya arborea*, *Cassia fistula*, *Cissus vitiginea*, *Cordia dichotoma*, *Diospyros chloroxylon*, *Diospyros melanoxylon*, *Garuga pinnata*, *Gardena gummifera*, *Gradenia latifolia*, *Grewia tiliifolia*, *Limonia acidissima*, *Litsia glutinosa*, *Litsia glutinosa*, *Maba buxifolia*, *Mangifera indica*, *Schleichera oleosa*, *Semicarpus anacardium*, *Strychons potatorum*, *Syzygium cumini*, *Tamarindus indica*, *Terminalia alata*, *Xylia xylocarpa* and *Zizipus mauritiana*. During winter season they collect tubers like *Asparagus racemosus*, *Chlorophytum arundinaceum*, *Corallocarpus epigaeus*, *Curculigo orchoides*, *Dioscorea bulbifera*, *Dioscorea pentaphylla* and *Discorea alata*.

**Table.1** Enumerations

| Sl. No. | Botanical Name  | Family             | Vernacular Name | Part        | Aliment   |
|---------|---|--------------------|-----------------|-------------|---|
| 1.      | <i>Abrus precatorius L.</i>                                     | Fabaceae           | Gurivinda       | Leaves,     | Earache<br>Cough cold<br>Skin diseases                                      |
| 2.      | <i>Abutilon indicum G.Don.</i>                                  | Malvaceae          | Adavi benda     | Leaves      | Urinary problems  |
| 3.      | <i>Acacia nilotica (L) Delile sub-sp indica (Benth) Brenan.</i> | Fabaceae           | Nalla tumma     | Leaves      | Wounds<br>Asthma<br>Cough<br>Dental problems. Cough<br>Dysentery<br>piles.  |
| 4.      | <i>Acacia leucophloea Willd.</i>                                | Fabaceae           | Tella tumma     | Seeds       | Ulcer boils. Bronchitis<br>Rheumatic Fever arthritis<br>Diabetes.           |
| 5.      | <i>Acalypha indica L.</i>                                       | Euphorbiaceae      | Muripinda       | Whole plant | Eczema,<br>skin problems<br>Wounds  |
| 6.      | <i>Acalypha alnifolia Klen ex Willd.</i>                        | Euphorbiaceae      | Mirapa kuppinta | Leaves      | worms.  |
| 7.      | <i>Acalypha paniculata Miq.</i>                                 | Euphorbiaceae      | Adavi kuppinta  | Whole plant | Eczema<br>Skin diseases<br>Scabies<br>Urinary Problems<br>worm infestations |
| 8.      | <i>Acanthospermum hispidum DC.</i>                              | Asteraceae         | Sanna palleru   | Whole plant | Skin diseases and in<br>scorpion sting                                      |
| 9.      | <i>Achyranthes aspera L.</i>                                    | Amaranthaceae      | Uttareni        | Whole plant | Leucorrhoea<br>Diarrhoea<br>Jaundice<br>Tooth pain<br>Asthma                |
| 10.     | <i>Actinopteris dichotoma (Sw.) Link.</i>                       | Actinopteri-daceae | Pittakaalu      | Whole plant | Dandruff<br>Hair tonic<br>Antifertility<br>Antipyretic.                     |
| 11.     | <i>Adiantum incisum Forsk.</i>                                  | Adiantaceae        | Mayura sikha    | Whole plant | Skin diseases.  |
| 12.     | <i>Aerva lanata (L).Juss.</i>                                   | Amaranthaceae      | Konda pindi     | Whole plant | Kidney stone Diabetes,<br>boils cardiac diseases                            |
| 13.     | <i>Aerva javanica (Burm.f.) Juss ex Schult.</i>                 | Amaranthaceae      | Pedda pindikura | Whole plant | Kidney stone problems.  |
| 14.     | <i>Aganosma cymosa G.Don.</i>                                   | Apocynaceae        | Maalati lata    | Root        | Snakebite. Diarrhoea  |
| 15.     | <i>Agave americana L.</i>                                       | Amaryllidaceae     | Kittanara       | Leaves,     | Other uses  |
| 16.     | <i>Ageratum conyzoides L.</i>                                   | Asteraceae         | Vaasavi         | Whole plant | Wound healing<br>Gastro intestinal disorders.                               |

|     |   |                 |                            |                            |   |
|-----|---|-----------------|----------------------------|----------------------------|---|
| 17. | <i>Aglaia roxburghiana</i><br>Sensu.Bedd.                     | Meliaceae       | Yerra adugu                | Leaves                     | Antidote<br>Diabetes.<br>Leprosy<br>Throat Pain |
| 18. | <i>Albizia amara</i> (Roxb.)<br>Boiv.                         | Fabaceae        | Konda sigara               | Leaves                     | Dandruff<br>Skin diseases Gonorrhea<br>Piles.   |
| 19. | <i>Albizia lebbeck</i> (L.) Willd.                            | Fabaceae        | Dirisena                   | Leaves                     | Antidote.<br>Piles<br>Diarrhoea                 |
| 20. | <i>Allophyllus cobbe</i> (L.)<br>Raeusch                      | Sapindaceae     | Chinna<br>Kunkudu<br>saali | Root                       | Diarrhoea.                                      |
| 21. | <i>Aloe vera</i> (L) Burma.f.                                 | Liliaceae       | Chinna kalabanda           | Leave                      | Sexually Diseases                               |
| 22. | <i>Alternanthera pungens</i> Kunth.                           | Amaranthaceae   | Mulla ponaganti            | Leaves                     | Diabetes Gonorrhoea.                            |
| 23. | <i>Amaranthus blitum</i> L.                                   | Amaranthaceae   | Tota kura                  | Leaves                     | Urinary Problem kidney<br>stones.               |
| 24. | <i>Amaranthus spinosus</i><br>L.                              | Amaranthaceae   | Mulla Tota kura            | Leaves                     | Anaemia.,<br>Enhance lactation.                 |
| 25. | <i>Andrographis<br/>paniculata</i> (Burm.f) Wall ex.<br>Nees. | Acanthaceae     | Nela vemu                  | Whole<br>plant             | Malaria.skin diseases<br>fever Antidote.        |
| 26. | <i>Anisomeles malabarica</i><br>(L).R.Br.                     | Lamiaceae       | Maga bira                  | Leaves                     | Rheumatic pains                                 |
| 27. | <i>Anisomeles indica</i><br>(L.) Kuntz.                       | Lamiaceae       | Chinna ranabheri           | Whole<br>plant             | Urination problem . Fever                       |
| 28. | <i>Annona reticulata</i> L.                                   | Annonaceae      | Ramaaphalamu               | Leaves<br>Stem bark        | Diarrhoea Dysentery                             |
| 29. | <i>Annona squamosa</i> L.                                     | Annonaceae      | Seetha phalamu             | Unripe<br>Fruit,<br>Leaves | Diarrhoea Dysentery<br>Destroy lice<br>insects  |
| 30. | <i>Anodendron paniculatum</i> DC.                             | Apocynaceae     | Atukudu teega              | Root                       | Antifertility dysentery.                        |
| 31. | <i>Argemone mexicana</i><br>(Willd) L.                        | papaveraceae    | Yerri kusuma               | Yellow<br>latex            | Skin diseases Fever                             |
| 32. | <i>Argyrea nervosa</i><br>(Burm.f) Bojer.                     | Convolvulaceae  | Chandrapaala               | Roots                      | Wound healing<br>Aphrodisiac                    |
| 33. | <i>Aristida setacea</i> Retz.                                 | Poaceae         | Cheepuru gaddi             | stem                       | Other uses                                      |
| 34. | <i>Aristolochia bracteolata</i> Retz.                         | Aristolochaceae | Gadida gadapa              | Leaves                     | Dandruff<br>Snakebite<br>Scabies Eczema.        |
| 35. | <i>Aristolochia indica</i> L.                                 | Aristolochaceae | Eswari                     | Leaves                     | Snakebite.                                      |
| 36. | <i>Artabotrys odoratissimus</i> R.Br.                         | Annonaceae      | Teega sampenga             | Leaves                     |   |
| 37. | <i>Asparagus racemosus</i><br>Willd.                          | Asparagaceae    | Pilli gaddalu              | Root                       | Fertility in women.                             |
| 38. | <i>Asystasia gangetica</i><br>(L.) T.And.                     | Acanthaceae     | Paada beera                | Whole<br>plant             | Joint pains.                                    |
| 39. | <i>Azadirachta indica</i>                                     | Meliaceae       | Vepa chettu                | Leaves                     | Chickenpox                                      |

|     | A.Juss. W&A.   |                |                        |                    | Smallpox<br>Malaria.  |
|-----|--|----------------|------------------------|--------------------|---|
| 40. | <i>Bambusa tulda</i> Roxb.   | Poaceae        | Mullu veduru           | stem               | Other uses  |
| 41. | <i>Basella rubra</i> L.  | Basellaceae    | Yerra batsalaku        | Leaves             | Leucoderma, Indigestion<br>Kidney Stone<br>Problems Gonorrhoea. |
| 42. | <i>Bauhinia tomentosa</i> L.   | Fabaceae       | Kaanchini chettu       | Young<br>bb<br>uds | Dysentery<br>Cough<br>Leucorrhoea.                              |
| 43. | <i>Benkara malabarica</i><br>(Lam) Tirven.                                       | Rubiaceae      | Pedda manga            | Fruit              | Abdominal pain<br>ThroatInfections.                             |
| 44. | <i>Boerhaavia diffusa</i> L.   | Nyctaginaceae  | Atika maamidi          | Whole<br>plant     | Jaundice<br>Arthritis<br>Diabetes.                              |
| 45. | <i>Boerhaavia erecta</i> L.  | Nyctaginaceae  | Tella Atika<br>maamidi | Whole<br>plant     | Jaundice<br>A anaemia<br>Urinary problem                        |
| 46. | <i>Borassus flabellifer</i> L.   | Arecaceae      | Tati chettu            | Leaves             | Skinproblems  |
| 47. | <i>Brassica juncea</i> Hook &<br>Thoms.  | Brassicaceae   | Aavaalu                | Seed               | Snakebite<br>Skin allergies,<br>Boils.<br>Skin diseases.        |
| 48. | <i>Bridelia retusa</i> Spreng.   | Phyllanthaceae | Koramaddi              | Root               | Hhepatoprotective.  |
| 49. | <i>Bryophyllum pinnatum</i><br>(Lam).Oken.                                       | Crassulaceae   | Ranapala               | Leaves             | Wounds<br>Scabies<br>Urinary bladder disorders.                 |
| 50. | <i>Buchanania lanzan</i><br>Spreng.  | Anacardiaceae  | Saara pappu            | Leaves             | Leucorrhoea Menorrhoea.<br>Diarrhoea.                           |
| 51. | <i>Caesalpinia pulcherrima</i><br>(L.)Swartz.                                    | Fabaceae       | Pydi tangedu           | Stem bark          | Abortifacient. Purgative  |
| 52. | <i>Caesalpinia sappan</i> L.   | Fabaceae       | Gacha                  | Stem bark          | Other uses  |
| 53. | <i>Calotropis gigantea</i><br>(L.) Dryand.                                       | Apocynaceae    | Tella Jilledu          | Root               | Skin diseases,<br>arthritis Bites.<br>wound healing             |
| 54. | <i>Cansjera rheedii</i><br>J.Gmelin.   | Opiliaceae     | Malli maduguteega      | Leaves             | poisonous bites.Leaves in<br>Diabetes.                          |
| 55. | <i>Canthium dicoccum</i>   | Rubiaceae      | Nalla balusu           | Stem bark          | Diarrhoea Fever.  |
| 56. | <i>Capparis oblongifolia</i> Forsk.  | Capparaceae    | Merupu teega           | Root               | Aphrodisiac Diabetic.   |
| 57. | <i>Caralluma adscendens</i> var<br><i>attenuata</i> (Wight)<br>Gravely and Mayur | Apocynaceae    | Kundeti kommulu        | Stem               | Stomachic Indigestion   |
| 58. | <i>Cardiospermum macrocarpum</i><br>Kunth.                                       | Sapindaceae    | Pedda budda            | Whole<br>plant     | Rheumatic<br>Pains.   |
| 59. | <i>Carica papaya</i> L.  | Caricaceae     | Boppayi                | Fruit              | Digestive Problem<br>anthelminthic                              |

|     |   |                |                    |             |  |
|-----|---|----------------|--------------------|-------------|--|
|     |   |                |                    |             | Emmenagogue<br>Galactagogue<br>constipation.   |
| 60. | <i>Cascabala thevetia (L.) Lipp.</i>        | Apocynaceae    | Pacha ganneru      | Root        | Paste in boils. Cancer. .  |
| 61. | <i>Cassia absus L.</i>                      | Fabaceae       | Chanupaala vittulu | Leaves      | Cough<br>BoneFracture  |
| 62. | <i>Cassia fistula L.</i>                    | Fabaceae       | Kola ponna         | Root        | Jaundice.  |
| 63. | <i>Cassytha filiformis L.</i>               | Lauraceae      | Paachi teega       | Whole plant | Leucoderma Cough,Cold<br>Skin diseases.  |
| 64. | <i>Catheranthes roseus (L.) G.Don.</i>      | Apocynaceae    | Billaganneru       | Root        | Cancer<br>Diabetes<br>Blood pressure<br>Menorrhagia<br>Cardio tonic<br>Stomach disorders |
| 65. | <i>Catunaregum spinosa (Thunb.) Tirven.</i> | Rubiaceae      | Chinna manga       | Root bark   | Dandruff. Dysentery<br>Diarrhoea<br>Rrheumatic pains.                                    |
| 66. | <i>Centella asiatica L.</i>                 | Apiaceae       | Sarswati aaku      | Leaves      | Memory booster.  |
| 67. | <i>Ceropegia juncea Roxb.</i>               | Apocynaceae    | Manchi madana      | Tuber       | Dysentery<br>Diarrhoea<br>Urinary bladder<br>Aphrodisiac<br>Teeth problem.               |
| 68. | <i>Chloris barbata Sw.</i>                  | Poaceae        | Jada kuchula gaddi | stem        | Other uses   |
| 69. | <i>Chloroxylon swietenia DC.</i>            | Rutaceae       | Billu              | Leaves      | Wounds<br>Rheumatism   |
| 70. | <i>Cipadessa buccifera Miq.</i>             | Meliaceae      | Potti vepa         | Leaves      | Antidote and antidibetic.<br>wound healing   |
| 71. | <i>Cissus quadrangularis L.</i>             | Vitaceae       | Nalleru            | Whole plant | Paste in bone fracture.  |
| 72. | <i>Citrullus colocynthis (L.) Scharder.</i> | Cucurbitaceae  | Yerri pucha        | Root        | Pains.<br>Purgative  |
| 73. | <i>Citrus medica L. var. medica</i>         | Rutaceae       | Maadipalamu        | Fruit       | GiddinessIndigestion<br>Gastric vomiting   |
| 74. | <i>Cleome gynandra L.</i>                   | Cleomaceae     | Vaaminta           | Leaves      | Ear and tooth problem<br>Anthelmentic  |
| 75. | <i>Coccinia indica W&amp;A.</i>             | Cucurbitaceae  | Dondakaaya         | Whole plant | Diabetes<br>Skin diseases  |
| 76. | <i>Cocculus hirsutus (L.) Diels.</i>        | Menispermaceae | Sibbi teega        | Leaves      | Leucorrhoea  |
| 77. | <i>Commelina benghalensis L.</i>            | Commelinaceae  | Venna veduru       | Whole plant | Wounds<br>Boils,burns<br>Scabies   |
| 78. | <i>Commiphora caudata (W&amp;A) Engl.</i>   | Burseraceae    | Konda regu         | Root        | Aphrodisiac antidiabetic.<br>Rheumatic pains.  |
| 79. | <i>Cordia oblique Willd.</i>                | Boraginaceae   | Bankairiki         | Fruit       | Bronchial disorders.   |

|     |   |               |                     |             |  |
|-----|---|---------------|---------------------|-------------|--|
| 80. | <i>Crossandra undulaefolia Salisb.</i>          | Acanthaceae   | Kanakambaramu       | Leaves      | Cough and cold   |
| 81. | <i>Crotalaria calycina Schr.</i>                | Fabaceae      | Bikkina tharudugida |             | Other uses   |
| 82. | <i>Crotalaria verrucosa L.</i>                  | Fabaceae      | Glligicha           | Whole plant | Leucorrhoea Swelling, Scabies, Leprosy                             |
| 83. | <i>Cucurbita maxima L.</i>                      | Cucurbitaceae | Gummadi kaaya       | Leaves      | Asthma.  |
| 84. | <i>Curculigo orchioides Gaertn.</i>             | Hypoxidaceae  | Nelatadi gaddalu    | Whole plant | Leucorrhoea, Impotency   |
| 85. | <i>Cyanotis tuberosa (Roxb).Schult.</i>         | Commelinaceae | Yemma gaddalu       | Root        | Febrifuge  |
| 86. | <i>Cynodon dactylon Pers.</i>                   | Poaceae       | Garika gaddi        | Whole plant | Scorpion sting.  |
| 87. | <i>Cyperus rotundus Linn.</i>                   | Cyperaceae    | Tunga mushti        | Root        | Leucorrhoea  |
| 88. | <i>Dactyloctenium aegyptium (L.) Willd.</i>     | Poaceae       | Nela raagi          | stem        | Other uses   |
| 89. | <i>Daemia extensa (Jacq.)R.Br.</i>              | Apocynaceae   | Dustapu teega       | Whole plant | Asthma, Diarrhoea, Jaundice, Eye Problem, Labour Pain              |
| 90. | <i>Dalbergia lanceolaria L.f</i>                | Fabaceae      | Yerra pachari       | Whole plant | Arthritis, Dyspepsia.  |
| 91. | <i>Dalbergia sissoo DC</i>                      | Fabaceae      | Sissoo              | Whole plant | Rheumatoid Arthritis, Sexual impotency, Dyspepsia, Dysurea ulcers. |
| 92. | <i>Delonix regia Raf.</i>                       | Fabaceae      | YerraSunkesula      | Leaves      | Inflammation arthritis.  |
| 93. | <i>Delonix elata (L.) Gamble</i>                | Fabaceae      | Tella sunkesula     | Leaves      | Glandular swellings  |
| 94. | <i>Dendrophthoe facata (L.f) Ettingsh.</i>      | Loranthaceae  | Badanika            | Whole plant | In urinary calculi, wounds, asthma, Skin allergies.                |
| 95. | <i>Desmodium gangeticum (L) DC</i>              | Fabaceae      | Ubbu chettu         | Whole plant | Epilepsy, Cough, Diarrhoea, Fever, Piles                           |
| 96. | <i>Desmodium triflorum (L) DC.</i>              | Fabaceae      | Muntamandu          | Leaves      | Diarrhoea, Dysentery   |
| 97. | <i>Dichrostachys cinerea W&amp;A.</i>           | Fabaceae      | Veluturu chettu     | Root        | Rheumatism, urinary problem, Renal troubles, Leucorrhoea.          |
| 98. | <i>Dicliptera paniculata (Forsk.)I.Darbysh.</i> | Acanthaceae   | Sanna pulla         | Root        | Skin diseases, Fever   |



|      |  |                |                       |                 |  |
|------|--|----------------|-----------------------|-----------------|--|
|      |  |                |                       |                 | Indigestion<br>Wound healing.  |
| 99.  | <i>Digera arvensis</i><br>Forsk.                           | Amaranthaceae  | Chenchala<br>koora    | Leaves          | Constipation<br>wounds, boils<br>Digestive disorders                         |
| 100. | <i>Digitaria sanguinalis</i><br>(L.) Scop.                 | Poaceae        | Vutla gaddi           | stem            | Other uses   |
| 101. | <i>Dioscorea oppositifolia</i> L.                          | Dioscoraceae   | Yella gadda           | Leaves          | General health   |
| 102. | <i>Dioscorea pentaphylla</i><br>L.                         | Dioscoraceae   | Yesuru gaddalu        | Tubers          | Urinary calculi  |
| 103. | <i>Diospyros chloroxylon</i> Roxb.                         | Ebenaceae      | Ulinda                | Fruit           | Digestive Problem.   |
| 104. | <i>Dodonaea viscosa</i><br>(L.) Jacq.                      | Sapindaceae    | Bandedu               | Leaves          | Wound healing. Muscle<br>swelling<br>Epilepsy<br>Bone fracture.              |
| 105. | <i>Dolichondrone</i><br><i>arcuata</i> (Wight) C.B.Clarke. | Acanthaceae    | Neeruddi              | Stem bark       | Leucorrhoea Menorrhoea.  |
| 106. | <i>Dolichos falcatus</i><br>Klein.                         | Fabaceae       | Adavi<br>Phillipesara |                 | Other uses   |
| 107. | <i>Dregea volubilis</i> (L.f) Benth ex<br>Hook.f           | Apocynaceae    | Tummudu teega         | Leaves          | Rheumatic pains. Cold<br>Snakebites.<br>Bone fractures.                      |
| 108. | <i>Drimia indica</i> (Roxb.) Jessop.                       | Liliaceae      | Adavi yerra gadda     | Bulb            | Skin diseases  |
| 109. | <i>Drypetes sepiaria</i><br>(W&A). Pax and Hoffm.          | Putranjivaceae | Maachi beera          | Fruit           | Digestive Disorders  |
| 110. | <i>Eclipta prostrata</i> (L.) L.                           | Asteraceae     | Guntagalagara         | Whole<br>plant  | Skin diseases<br>Jaundice  |
| 111. | <i>Ehretia microphylla</i><br>Lamk.                        | Boraginaceae   | Chinna<br>tamalapaku  | Leaves          | Skin diseases,<br>cough, stomach<br>Disorders.                               |
| 112. | <i>Eleusine indica</i><br>(L.) Gaertn.                     | Poaceae        | Thippa raagi          | Stem            | Other uses   |
| 113. | <i>Elytraria acaulis</i> (L.f) Lindau.                     | Acanthaceae    | Yeddu adugu           | Leaves          | Wound healing.   |
| 114. | <i>Emilia sonchifolia</i><br>(L.) DC.                      | Asteraceae     | Kundeti aaku          | Whole<br>plant  | Diarrhoea<br>Night blindness   |
| 115. | <i>Enicostemma axillare</i><br>(Lam) Raynal                | Gentianaceae   | Nela golimidi         | Tender<br>shoot | Menorrhoea Leucorrhoea.  |
| 116. | <i>Eragrostis tenella</i><br>(L.) Beauv.                   | Poaceae        | Chinna garika gaddi   | Stem            | Other uses   |
| 117. | <i>Eucalyptus teriticornis</i><br>Smith.                   | Myrtaceae      | Neelagiri tylamu      | Leaves          | Cough and fever.<br>Rheumaticpains.  |
| 118. | <i>Euphorbia antiquorum</i><br>L.                          | Euphorbiaceae  | Bomma jemudu          | Whole<br>plant  | Skin Diseases<br>Leucorrhoea. Arthritis.<br>Leprosy<br>Toothache.<br>Cancer. |
| 119. | <i>Euphorbia hirta</i> L.                                  | Euphorbiaceae  | Pacha bottu           | Whole<br>plant  | Urinary Disorders<br>Leucorrhoea<br>Asthma                                   |

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|      |  |                |                   |                | Cough<br>Liver Disorders.   |
| 120. | <i>Euphorbia thymifolia</i><br>L.            | Euphorbiaceae  | Yerra usirika     | Whole<br>plant | Urinary disorders<br>Leucorrhoea<br>Asthma,<br>Cough<br>Liver disorders.  |
| 121. | <i>Evolvulus alsinoides</i><br>L.            | Convolvulaceae | Vishnukaanta      | Whole<br>plant | Hair tonic.   |
| 122. | <i>Ficus arnottiana</i> Miq.                 | Moraceae       | Konda raavi       | Stem bark      | Cleanse teeth.  |
| 123. | <i>Ficus benghalensis</i> L.                 | Moraceae       | Marri chettu      | Latex          | Rheumatism<br>Tooth ache<br>Piles.<br>Leucorrhoea<br>Dysentery            |
| 124. | <i>Ficus glomerata</i> Roxb.                 | Moraceae       | Atti              | Stem bark      | Toothache. Diabetes<br>sexual debility                                    |
| 125. | <i>Ficus hispida</i> L.                      | Moraceae       | Bommidi           | Stem bark      | Leucorrhoea Diabetes.<br>Sexual impotency.                                |
| 126. | <i>Ficus mollis</i> Vahl.                    | Moraceae       | Noogu juvvi       | Leaves         | Diabetes<br>Jaundice.   |
| 127. | <i>Ficus religiosa</i> L.                    | Moraceae       | Raagi             | Stem bark      | Skin diseases aphrodisiac.  |
| 128. | <i>Fluggea leucopyrus</i><br>Willd.          | Euphorbiaceae  | Tella purugudu    | Leaves         | Leucorrhoea   |
| 129. | <i>Gardenia gummifera</i><br>L.f.            | Rubiaceae      | Manchi bikki      | Gum            | Gastrointestinal disorders<br>Fever.                                      |
| 130. | <i>Getonia floribunda</i><br>Lamk.           | Combretaceae   | Adavi Jaama       | Leaves         | Ulcers<br>Antidote.<br>Jaundice.  |
| 131. | <i>Gevotia rotteliformis</i><br>Griff.       | Euphorbiaceae  | Tella poliki      | Stem bark      | Leucorrhoea.<br>Skin diseases.  |
| 132. | <i>Glinus cerviana</i> (L.) Ser.             | Molluginaceae  | Verri chatraku    | Whole<br>plant | Stomach pain Fever  |
| 133. | <i>Glinus nudicaulis</i><br>Lam.             | Molluginaceae  | Parpadagam        | Whole<br>plant | Whooping<br>cough and boils   |
| 134. | <i>Glinus oppositifolia</i><br>(L). DC.      | Molluginaceae  | Santraasi         | Whole<br>plant | Ulcer, swellings<br>stomach disorders and<br>skin diseases.<br>Other uses |
| 135. | <i>Gloriosa superba</i> L.                   | Liliaceae      | Adavi naabhi      | Root           | Chicken- pox  |
| 136. | <i>Glycosmis mauritiana</i><br>(Lam) Tanaka. | Rutaceae       | Gungi             | Leaves         | Skin diseases.  |
| 137. | <i>Gmelina asiatica</i> L.                   | Verbenaceae    | Chinna gummadi    | stem           | Stomach pain.   |
| 138. | <i>Gmelina arborea</i><br>Roxb.              | Verbenaceae    | Pedda<br>gumudu e | Leaves         | Cough.<br>Diabetes and leucorrhoea.                                       |

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| 139. | <i>Gymnema sylvestre</i><br>(Retz) R.Br.ex.Schult. | Apocynaceae     | Podapatri     | Leaves      | Diabetes<br>Hypoglycemic Obesity<br>High Cholesterol Anaemia<br>Digestion<br>Scorpion Sting<br>Rat Bite<br>Fruits In<br>Anthelmintic Bronchitis<br>Cardiac Disorders. |
| 140. | <i>Gyrocarpus americanus</i> Jacq.                 | Hernadiaceae    | Tella poliki  | Stem bark   | Cancer.<br>Other uses   |
| 141. | <i>Hardwickia binata</i><br>Roxb.                  | Fabaceae        | Yepi          | Wood powder | Gonorrhoea.   |
| 142. | <i>Hedyotis herbacea</i> L.                        | Rubiaceae       | Chiru veru    | Whole plant | Asthma<br>Fever and<br>Dysentery.   |
| 143. | <i>Hedyotis umbellata</i><br>(L.) Wall.            | Rubiaceae       | Nela chemma   | Root        | Asthma.   |
| 144. | <i>Heliotropicum indicum</i> L.                    | Boraginaceae    | Naagadanti    | Whole plant | wound healing, skin<br>Problems Scorpion sting.   |
| 145. | <i>Hemidesmus indicus</i><br>(L.) Schult.          | Apocynaceae     | Sugandhapala  | Root        | Cardiotonic<br>Refrigerant<br>Wound Healing Urinary<br>Diseases Skin Diseases,<br>Jaundice Diabetes.  |
| 146. | <i>Hemionitis arifolia</i><br>(Burm.f) Moore.      | Hemionitidaceae | Ramabhanam    | Whole plant | Knee pain.<br>Diabetic<br>Burns<br>Antifertility  |
| 147. | <i>Hibiscus hirsutus</i><br>(Lam) Sweet.           | Malvaceae       | Nela benda    | Leaves      | Chest pain  |
| 148. | <i>Hugonia mystax</i> L.                           | Linaceae        | Kaaki beera   | Root        | Antidote  |
| 149. | <i>Hybanthus enneaspermus</i><br>(L.) F.V.Muell.   | Violaceae       | Ratna pushpa  | Whole plant | Aphrodisiac   |
| 150. | <i>Ichnocarpus frutescens</i><br>(L.) R.Br.        | Apocynaceae     | Nalla teega   | Whole plant | Cancer<br>Diabetes<br>Skin Diseases<br>.Diabetes,<br>Dyspepsia<br>Bladder Stones.   |
| 151. | <i>Indigofera linnaei</i> Ali.                     | Fabaceae        | Yerra Palleru | Whole plant | Leucorrhoea<br>Fever<br>Epilepsy  |
| 152. | <i>Indigofera tinctoria</i> L.                     | Fabaceae        | Konda neeli   | Leave       | Increase Lactation<br>.Mothers Burns<br>Piles<br>JAundice<br>Leucorrhoea Anaemia<br>Aarthritis  |

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| 153. | <i>Indigofera linifolia</i><br>Retz .       | Fabaceae      | Yerra palleru     | Whole plant | Wound healing<br>tuberculosis<br>Obesity<br>kidney stone.<br>Seed antidote.                    |
| 154. | <i>Ixora pavetta</i><br>Andrews.            | Rubiaceae     | Korivi chettu     | Flowers     | Whooping cough   |
| 155. | <i>Jasminum rigidum</i><br>Zenk.            | Oleaceae      | Pedda malli       | Flower      | Cough.   |
| 156. | <i>Jasminum sambac</i><br>Ait.              | Oleaceae      | Virajaaji         | Flower      | Skin diseases.   |
| 157. | <i>Jatropha curcas</i> L.                   | Euphorbiaceae | Adavi-<br>amudamu | Latex       | Cracks on lips<br>Burns<br>Wounds<br>Toothache   |
| 158. | <i>Jatropha gossypifolia</i><br>L.          | Euphorbiaceae | Yerra<br>aamudamu | Leaves      | Heal Wounds<br>Cuts.   |
| 159. | <i>Kedrostis rostrata</i><br>(Rottl.) Cong. | Cucurbitaceae | Kunkuma donda     | Root        | Asthma<br>Piles.<br>Antidote Anthelmintic.   |
| 160. | <i>Lantana camara</i> L.                    | Verbenaceae   | Puli kampa        | Leaves      | Ringworm Infestations.   |
| 161. | <i>Lawsonia inermis</i> L.                  | Lythraceae    | Gorintaaku        | Leaves      | Skin Diseases Burns.   |
| 162. | <i>Leonotis nepetaefolia</i><br>(L)R.Br.    | Lamiaceae     | Yerra tummi       | Whole plant | Rheumatic pains<br>Wounds.   |
| 163. | <i>Leucas aspera</i><br>(Willd).Link.       | Lamiaceae     | Tummipoo          | Leaves      | Cough<br>Cold<br>Fever<br>Head ache<br>Scorpion Sting<br>Fever<br>Stomach Pain<br>Indigestion. |
| 164. | <i>Limonia alata</i><br>(W&A)Swungle.       | Rutaceae      | Munugudu          | Leaves      | Diabetes. Rheumatic<br>pains.  |
| 165. | <i>Lygodium flexuosum</i><br>(L.) Sw.       | Lygodiaceae   | Adavi shatavari   | Leaves      | Rheumatic pain wound<br>healing  |
| 166. | <i>Magifera indica</i> L.                   | Anacardiaceae | Maamidi           | Leaves      | Diarrhea Dysentery.<br>Rheumatism.<br>Diabetes.  |
| 167. | <i>Martynia annua</i> L.                    | Martyniaceae  | Telukondi kaaya   | Fruit       | Scorpion sting   |
| 168. | <i>Mimosa pudica</i> L.                     | Fabaceae      | Attipatti         | Whole plant | Aantidote.<br>Skin Diseases.   |
| 169. | <i>Mimosarubicaulis</i><br>Lam.             | Fabaceae      | Uddra kampa       | Root        | Wounds<br>Snakebite<br>Urinary Disorders   |

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| 170. | <i>Mimosops elengi L.</i>                | Sapotaceae       | Pogada           | Whole plant | Dental Disorders<br>Eye Diseases<br>Diabetes  |
| 171. | <i>Mimulus orbicularis Benth.</i>        | Scrophulariaceae | Verla kammi      | Whole plant | wound healing   |
| 172. | <i>Mitragyna parviflora Korth.</i>       | Rubiaceae        | Rudraganam       | Stem bark   | Other uses  |
| 173. | <i>Momordica charantia L.</i>            | Cucurbitaceae    | Kaakara          | Fruit       | Diabetes<br>Blood purifier. Diabetes.   |
| 174. | <i>Moringa pterygosperma Gaertn.</i>     | Moringaceae      | Munaga           | .Leaves     | Antifertility   |
| 175. | <i>Mucuna atropurpurea DC.</i>           | Fabaceae         | Dulagondi        | Roots       | Diarrhoea<br>Diabetes<br>Asthma.  |
| 176. | <i>Mukia maderaspatana (L)M.Roem.</i>    | Cucurbitaceae    | Nugudosa         | Whole plant | Diarrhoea<br>Tuberculosis Eczema.<br>Eye ache<br>Bronchitis                                   |
| 177. | <i>Mussaenda frondosa L.</i>             | Rubiaceae        | Naagavalli       | Leaves      | Cough.  |
| 178. | <i>Ocimum americanum Sims.</i>           | Lamiaceae        | Kukka tulasi     | Leaves      | Fever, Cold Bronchitis.   |
| 179. | <i>Ocimum gratissimum L.</i>             | Lamiaceae        | Rama tulasi      | Whole plant | Cough<br>Arthritis<br>Diabetes<br>Earache,<br>Toothache Indigestion.                          |
| 180. | <i>Ocimum tenuiflorum L.</i>             | Lamiaceae        | Krishna tulasi   | Leaves      | Diabetes<br>Cold, cough Asthma,<br>impotency<br>Hypertension<br>UJlcers<br>Stomach disorders. |
| 181. | <i>Oplismenus compositus (L.) Beauv.</i> | Poaceae          | Kodi juttu gaddi | stem        | Other uses  |
| 182. | <i>Opuntia dillenii Haw.</i>             | Cactaceae        | Naagajemudu      | . Flower    | Boils.<br>Whooping cough<br>Throat pain.  |
| 183. | <i>Panicum ramosum L.</i>                | Poaceae          | Edeguru gaddi    | stem        | Other uses  |
| 184. | <i>Panicum repens L.</i>                 | Poaceae          | Laddi gaddi      | stem        | Other uses  |
| 185. | <i>Parmelia sp.(Huds) Ach</i>            | Parmeliaceae     | Raati paachi     | Leaves      | Other uses  |
| 186. | <i>Passiflora foetida L.</i>             | Passifloraceae   | Tella jumiki     | Leaves      | Giddiness<br>Headache.<br>Asthma.<br>Wounds.  |
| 187. | <i>Phoenix sylvestris (L.) Roxb.</i>     | Arecaceae        | Pedda ita        | Leaves,     | Other uses  |

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| 188. | <i>Phyllanthus emblica L.</i>                          | Phyllanthaceae | Usirikaya         | Fruit       | Gastric problems,<br>Anaemia,<br>Dysentery<br>Liver problems.   |
| 189. | <i>Phyllanthus polyphyllus Willd.</i>                  | Phyllanthaceae | Adavi usirika     | Leaves      | Jaundice.   |
| 190. | <i>Phyllanthus amarus Schum.</i>                       | Phyllanthaceae | Nela usirika      | Whole plant | Jaundice<br>Diabetes.   |
| 191. | <i>Phyllanthus virgatus Forst.</i>                     | Phyllanthaceae | Toka usirika      | Leaves      | Diabetes<br>Jaundice<br>Urinary Problem   |
| 192. | <i>Plumbago zeylanica L.</i>                           | Plumbaginaceae | Tella chitramulam | Leaves      | Ulcers<br>Skin diseases.  |
| 193. | <i>Podaxis pistillaris(L.) Fries.</i>                  | Agaricaceae    | Yerri putta kokku | Leaves      | Skin diseases   |
| 194. | <i>Pongamia pinnata (L) Pier.</i>                      | Fabaceae       | Kanuga            | Leaves      | Skin diseases.<br>Night blindness.<br>Antidiabetic.<br>Cough.<br>KidneyStone, Abdominal pain<br>Snakebite |
| 195. | <i>Portulaca oleracea L.</i>                           | Portulacaceae  | Pedda paayalaaku  | Whole plant | Jaundice<br>Cardiac diseases<br>.Diabetes.  |
| 196. | <i>Portulaca quadrifida L.</i>                         | Portulacaceae  | Sanna paalaaku    | Whole plant | Asthma<br>cough<br>Urinary problem  |
| 197. | <i>Pouzolzia zeylanica (L).Benn&amp;R.Br.</i>          | Urticaceae     | Eddu mooti dumpa  | Whole plant | Sores,<br>Snakebites.   |
| 198. | <i>Premna tomentosa Willd.</i>                         | Verbenaceae    | Naaguraaku        | Stem bark   | Abdominal pin   |
| 199. | <i>Prosopis spicigera L.</i>                           | Fabaceae       | Jammi             | Stem bark   | Diarrhoea<br>Skin diseases cough.   |
| 200. | <i>Pseudarthria viscida (L.) W&amp;A.</i>              | Fabaceae       | Adavi chikkudu    | Roots       | Asthma<br>Diarrhoea   |
| 201. | <i>Psidium guajava L.</i>                              | Myrtaceae      | Jaama             | Leaves      | Diarrhoea<br>Vomiting.  |
| 202. | <i>Pterocarpus marsupium Roxb.</i>                     | Fabaceae       | Yegisa            | Gum         | Diabetes<br>Stomachulcers<br>Diarrhoea<br>Skin diseases<br>Pimples. Dysentery                             |
| 203. | <i>Pterospermum xylocarpum(Gaertn.) Sant&amp;Wagh.</i> | Malvaceae      | Lolugu chettu     | Leaves      | Leucorrhoea.  |
| 204. | <i>Pupalia lappacea (L.) A.Juss.</i>                   | Amaranthaceae  | Adavi uttaren     | Root paste  | Cuts, boils<br>Fever.   |

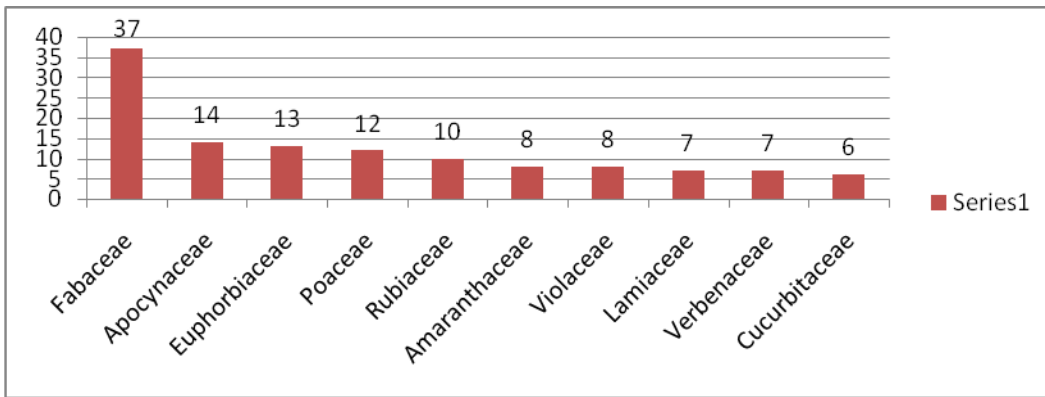
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|      |   |                  |                   |                 | Bone fracture.   |
| 205. | <i>Putranjiva roxburghii</i> Wall.            | Putranjivaceae   | Putra jeevika     | Seed            | Retention of pregnancy.  |
| 206. | <i>Rhynchosia aurea</i><br>DC.                | Fabaceae         | Adavi vulava      |                 | Other uses   |
| 207. | <i>Ricinus communis</i> L.                    | Euphorbiaceae    | Aamudamu          | Leaves          | Constipation, Arthritis,<br>Spondylitis,<br>Diabetes<br>Jaundice.          |
| 208. | <i>Ruellia prostrata</i> Poir.                | Acanthaceae      | Adavi kottimeera  | Leaves          | Gonorrhoea.<br>Ear problems  |
| 209. | <i>Sansevieria roxburghiana</i><br>Schult.    | Amaryllidaceae   | Seyanara          | Leaves          | Snakebite.   |
| 210. | <i>Santalum album</i> L.                      | Santalaceae      | Chandanamu        | oil<br>credited | Cooling<br>Diaphoretic<br>Burns<br>Headache.                               |
| 211. | <i>Sapindus emarginata</i><br>Vahl.           | Sapindaceae      | Kunkudu           | Fruit           | Anthelmintic.  |
| 212. | <i>Sarcostemma brevistigma</i><br>W&A.        | Apocynaceae      | Pulla jemudu      | latex           | Asthma.<br>Toothache.  |
| 213. | <i>Scilla hyacinthina</i><br>(Roxb) Macbride. | Liliaceae        | Adavi tellagadda  | Bulb            | Worm infestations  |
| 214. | <i>Scoparia dulcis</i> L.                     | Scrophulariaceae | Dakshini          | Whole<br>plant  | menstrual diseases.  |
| 215. | <i>Senna auriculata</i> (L.) Roxb.            | Fabaceae         | Tangedu           | Stem bark       | Diabetes   |
| 216. | <i>Senna occidentalis</i><br>Roxb.            | Fabaceae         | Kasinda           | Leaves          | Scorpion bite  |
| 217. | <i>Sesamum indicum</i> L.                     | Pedaliaceae      | Nuvvulu           | Seeds           | Skin diseases<br>Body heat<br>Sexual vigour<br>Fertility in sterile women. |
| 218. | <i>Setaria verticillata</i><br>(L).Beauv.     | Poaceae          | Chiklenta gaddi   | stem            | Other uses   |
| 219. | <i>Sida cordifolia</i> L.                     | Malvaceae        | Tella gorra       | Leaves          | Urinary disorders.   |
| 220. | <i>Smilax zeylanica</i><br>Linn.              | Smilacaceae      | Konda guruvateega | Root            | Skinproblems   |
| 221. | <i>Solanum americanum</i> Mill.               | Solanaceae       | Kamanchi          | Leaves          | Jaundice<br>Anaemia<br>Cough<br>Liver disorders.                           |
| 222. | <i>Solanum virginianum</i> L.                 | Solanaceae       | Naela vaakudu     | Whole<br>plant  | Skin Diseases<br>ToothProblems.  |
| 223. | <i>Solanum torvum</i><br>Swartz.              | Solanaceae       | Konda vushti      | Leaves          | Wounds<br>Cough<br>Toothache.  |
| 224. | <i>Spermocoe hispida</i><br>L.                | Rubiaceae        | Madana            | Leaves          | Haemorrhoids.  |
| 225. | <i>Striga asiatica</i> (L) Kuntz.             | Scrophulariaceae | Raati badanika    | Whole           | Snake bites  |

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| 226. | <i>Strychnos nux vomica</i><br>L.              | Loganiaceae    | Mushti            | plant<br>Root  | Epilepsy<br>Ringworm<br>Rheumatic<br>Pains                          |
| 227. | <i>Strychnos potatorum</i><br>L.               | Loganiaceae    | Chinna Mushti     | Stem bark      | Diabetes<br>Gonorrhea<br>Kidney stone.                              |
| 228. | <i>Stylosanthes fruticosa</i><br>(Retz)Alston. | Fabaceae       | Salla kampa       | Whole<br>plant | Fever.<br>Iarrhoea<br>Cold.   |
| 229. | <i>Tamirindus indica</i> L.                    | Fabaceae       | Chinta            | Seed<br>powder | Diarrhoea<br>antidote   |
| 230. | <i>Tectona grandis</i> L.f                     | Verbenaceae    | Teku              | Wood<br>powder | Leprosy<br>Diabetes<br>Skin diseases                                |
| 231. | <i>Tephrosia purpurea</i><br>(L.)Pers.         | Fabaceae       | Vempali           | Whole<br>plant | Bronchitis<br>cough<br>Boils, pimples jaundice<br>kidney disorders. |
| 232. | <i>Terminalia arjuna</i><br>W&A.               | Combretaceae   | Tella Maddi       | Leaves         | Leucoderma  |
| 233. | <i>Terminalia chebula</i><br>Retz.             | Combretaceae   | Kaakarakaya       | Fruit          | Diabetes<br>Jaudice<br>Cough<br>Obesity                             |
| 234. | <i>Thespesia populnea</i><br>Cav.              | Malvaceae      | Gangiraavi        | Leaves         | Joint pain.<br>Cough.<br>Antidote                                   |
| 235. | <i>Tinospora cordifolia</i> Miers.             | Menispermaceae | Tippa teega       | Leaves         | Jaundice  |
| 236. | <i>Tragia cannabina</i> L.f                    | Euphorbiaceae  | Gogu gondi        | Leaves         | Jaundice  |
| 237. | <i>Trema orientalis</i><br>(L.)Blume.          | Ulmaceae       | Konda jonna       | Root           | Epilepsy.   |
| 238. | <i>Trianthema portulacastrum</i> L.            | Aizoaceae      | Nelagalijeru      | Leaves         | Asthma.   |
| 239. | <i>Tribulus terrestris</i> L.                  | Zygophyllaceae | Chinna palleru    | Leaves         | Jaundice<br>kidney stone. Rheumatic<br>pains                        |
| 240. | <i>Tricholoma gigantea</i> .<br>Massee         | Agaricaceae    | Putta godugu      | fruit          | Edible  |
| 241. | <i>Tridax procumbens</i><br>L.                 | Asteraceae     | Gaddi chamanti    | Leaves         | Skin diseases<br>Eye diseases<br>cuts and wounds.<br>Jaundice       |
| 242. | <i>Tylophora asthmatica</i> W&A.               | Apocynaceae    | Kakapaala         | Root           | Asthma<br>Bbronchitis<br>Snakebite                                  |
| 243. | <i>Urginea indica</i>                          | Liliaceae      | Adavi yerra gadda | Bulb           | Cough and Rheumatic   |

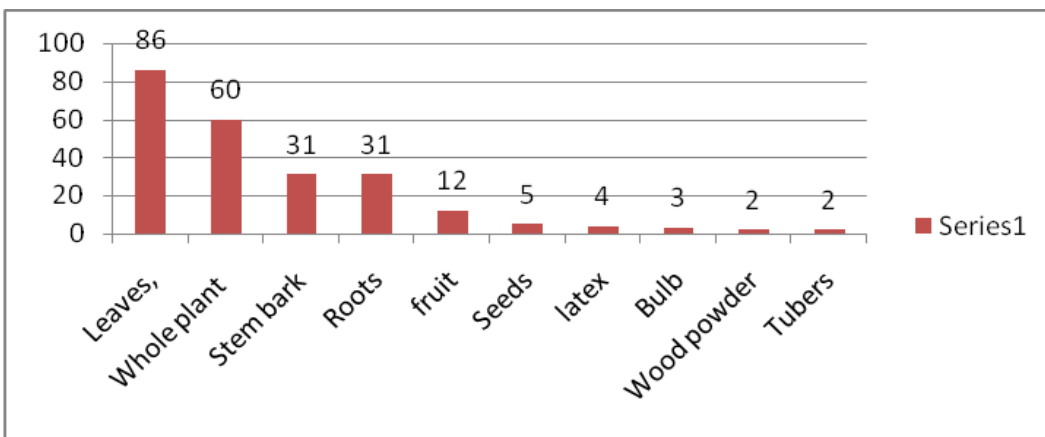


|      |  |              |                    |             |  |
|------|--|--------------|--------------------|-------------|--|
|      | (Roxb.)Kunth.                          |              |                    |             |  |
| 244. | <i>Vanda tessellata</i> Hook ex G.Don. | Orchidaceae  | Saga vega badanika | Leaves,     | Earache  |
| 245. | <i>Viscum articulatum</i> Burm.f.      | Loranthaceae | Kaada Badanika     | Whole plant | Cuts, wounds<br>fever<br>Increase<br>Sexual vigour |
| 246. | <i>Vitex altissima</i> L.f             | Verbenaceae  | Nemiladugu         | Stem bark   | Fever.   |
| 247. | <i>Vitex negundo</i> L.                | Verbenaceae  | Tella vaavili      | Whole plant | Cough<br>Cold<br>Body pains                        |
| 248. | <i>Waltheria indica</i> L.             | Malvaceae    | Nalla benda        | Whole plant | Wound healing<br>Skin diseases.                    |
| 249. | <i>Ziziphus mauritiana</i> Lam.        | Rhamnaceae   | Regu               | seed        | Diabetes,<br>Aasthma<br>Piles                      |

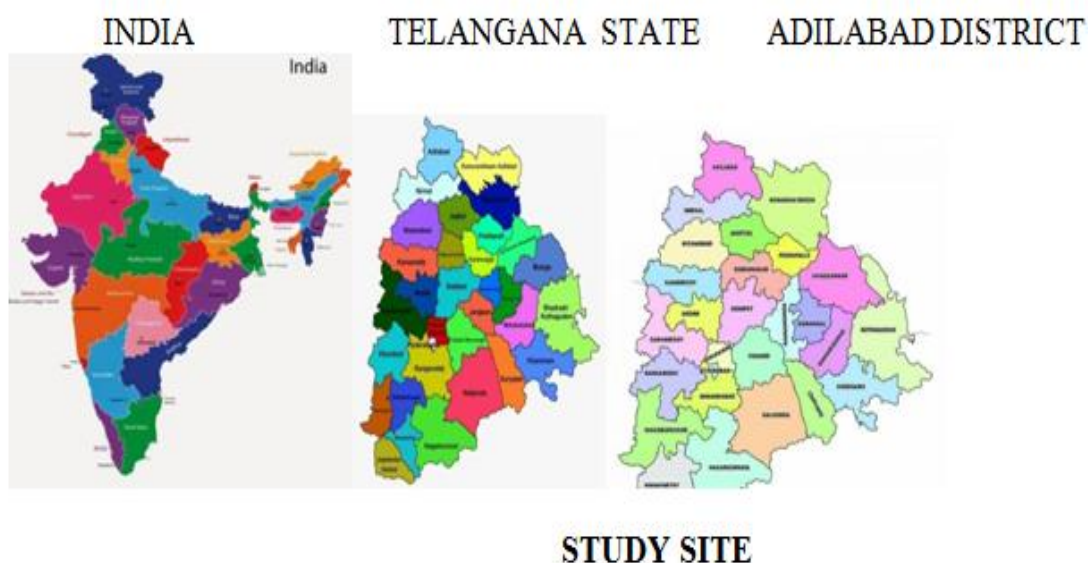
Graph.1 Graph showing No. of species from some families



Graph.2 Plants parts used



**Fig.1 Study Area**



**Fig.2**



In the rainy season they also use tender leaves of *Achyranthes aspera*, *Aegle marmelos*, *Aerva lanata*, *Balanites roxburghii*, *Commelina benghalensis*, *Emilia sonchifolia*, *Gymnema sylvestre*, *Limonia acidissima*, *Madhuca indica*, *Momordica charantia*, *Moringa concanensis*, *Oroxylum indicum*, *Phyllanthus emblica*, *Pupalia lappacea*, *Terminalia bellirica* and *Terminalia chebula* as leafy vegetables. Tribal communities extract oil from the

oil seeds for edible and non- edible purposes. Edible oil plant species are *Arachis hypogea*, *Carthamus tinctoris*, *Helianthus annua*, *Gossypium herbacium*, *Guizotia abyssinica*, *Madhuca indica*, *Ricinus communis*, *Schleichera oleosa*, *Sesamum indicum*, where as non- edible oil species like, *Jatropha curcas*, *Pongamia pinnata* are used by the tribal communities for their traditional lamps and these oils are also used as biodiesel in the urban societies.

Various indigenous medicinal formulations and practices employed by the herbal healers and traditional Practitioners should be evaluated by Tribal communities are completely depended on wild fodder species to feed their animals.

Tree species are mostly lopped by the tribals to feed their cattle and goats. The species which are lopped for green leaves as fodder in the summer are *Acacia catechu*, *Acacia nilotica*, *Albizia lebeck*, *Butea monosperma*, *Ficus tinctoria*, *Azadirachta indica*, *Ficus virens*, *Holoptelea integrifolia*, and *Mangifera indica*. During rainy and winter season species like *Bambusa arundinacea*, *Bauhinia recemosa*, *Cassia fistula*, *Gmelina arborea* and *Moringa concanensis* are used as fodder. Climber species like *Coccinia grandis*, *Pueraria tuberosa* and shrub species like *Ixora pavetta*, *Solanum xanthocarpum* are used in winter and rainy season as fodder. Herbs and grasses like *Achyranthes aspera*, *Asparagus recemosus*, *Boerhavia diffusa*, *Cassia occidentalis*, *Cocculus hirsutus*, *Dioscorea oppositifolia*, *Eclipta prostrata*, *Ipomoea carnea*, *Trianthema portulacastrum* and grass species of *Cynodon dactylon* were found to be used for their animals. The country has a number of alternative medicines, like Ayurveda, Unani, Siddha and Homeopathic systems which are predominantly based on plant based raw materials in most of their preparations and formulations. Herbal preparations for various purposes including pharmaceutical and cosmetic form part of traditional biodiversity uses in India. India is one of the twelve mega biodiversity countries in the world representing 6.5 percent of world's know wildlife and 12 percent of plant life. Of this ten percent of flora is on the verge of

extinction, and many more are on the threatened list while some of them are already rare or disappeared due to inhospitable atmosphere created by man to the plants.

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