

|                                                                                   |                                                                                                                                                                                                                                                                                                             |                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | <p>Journal Homepage: - <a href="http://www.journalijar.com">www.journalijar.com</a></p> <h2>INTERNATIONAL JOURNAL OF<br/>ADVANCED RESEARCH (IJAR)</h2> <p>Article DOI: 10.21474/IJAR01/19828<br/>DOI URL: <a href="http://dx.doi.org/10.21474/IJAR01/19828">http://dx.doi.org/10.21474/IJAR01/19828</a></p> |  |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|

### RESEARCH ARTICLE

#### ETHNOMEDICINAL PLANT USED BY DIFFERENT COMMUNITIES OF MAJULI, ASSAM, INDIA

Juli Gogoi, Md. Aminul Islam and Indira Borah

Department Of Botany, Majuli College, Kamalabari, Majuli-785106, Assam, India.

#### Manuscript Info

##### Manuscript History

Received: 06 September 2024

Final Accepted: 12 October 2024

Published: November 2024

##### Key words:-

Ethnomedicine, Traditional Knowledge,  
Medicinal Plant, Majuli

#### Abstract

Since ancient times, plant have been utilised in ethnomedicine to treat a variety of illnesses. This study aimed to document the extent of plant resources utilized by the common local population to treat various ailments. Numerous diseases, such as diarrhea, indigestion, asthma, malaria, piles, fever, body aches, coughs, skin disorders, jaundice, headaches, kidney, and liver problems were treated with these plants. Field trips and questionnaire surveys were used to gather data on the applications of different plants. A total of 93 plant species from 56 families were described in this study, and they have utilized to cure about 52 different ailments. The widely used family was Zinziberaceae with 6 species. The predominantly used plant part is leaf with 31 species. The majority of the plants were classified as trees, shrubs, and herbs.

Copyright, IJAR, 2024,. All rights reserved.

#### Introduction:-

Ethnomedicine has been an important resource for health for many years in various communities around the world. Abundantly existing plant resources have been utilized in different traditional medicine to treat various ailments, from respiratory issues to neurological disorders. Ethnobotany, the study of traditional medicine, provides a clear understanding of the uses of plants for human health. Almost all population in India utilizes plants as medicine, with a total of 7500 plant species being utilized by multiple ethnic communities. About 225 tribal communities inhabit in North East India (Chatterjee et al., 2006) and it is acknowledged as biodiversity hotspot (Mao et al., 2009) which falls Indo-Burma and Himalayan Biodiversity hotspots of India. Majuli is the world's largest river island which is situated in the north-eastern state of Assam located between 26°45' N- 27°12' N latitude and 93°39' E and 94°35' E longitude. It covers an area of approximately 880 square Kilometers, although erosion has reduced its size significantly over the years. The island district is home to a distinctive fusion of traditional practices and environmental importance, as well as a rich Assamese cultural legacy. Paddy fields, water bodies, and an abundance of vegetation define the peaceful island's scenery. Scheduled tribes and castes, as well as non-tribal castes, make up Majuli's population. Members of the Mishing (the majority), Deori, Kaibarta, and Sonowal Kachari tribes are among the indigenous populations. The Hindu Assamese groups of Koch, Kalita, Ahom, Sutiya, and Jogi are non-tribal castes. The majority of Majuli people still rely on traditional remedies to treat their illnesses. Herbal practitioners inherited their knowledge of medicines from their ancestors, and frequently, this knowledge system is lost when the practitioner passes away. Therefore, appropriate scientific investigations of the ethnomedicinal knowledge are urgently needed in order to conserve and facilitate the transfer of this amazing medical system for the benefit of future generations. Based on the information mentioned above, the study was conducted to document the ethnomedicinal use of plants by various communities of Majuli.

**Corresponding Author: Juli Gogoi**

Address: Department of Botany, Majuli College, Kamalabari, Majuli-785106, Assam, India.

### Methodology:-

The study was carried out between October 2023 to January 2024. Information was gathered by visiting several traditional healers both women and men healers and common people in the district. The botanical literature, such as Flora of India (Sharma et al., 1993) and Flora of Assam (Kanjilal et al., 1934–1940), as well as the deposited herbaria of the Botany Department, Majuli College, Majuli, were used to identify the plants. The available literature on these medicinal plants and their ethnobotany was compared to the information obtained (Chopra and Verma, 1968; Jain, 1991).

### Results and Discussion:-

The results of this study are displayed in Table 1. The plant species are listed in the table alphabetically along with their families, and regional names, growth habits; portion utilized, illnesses they cure, and preparations. The traditional knowledge of herbal medicine was recorded from Assamese, Mishing, Deori, Kaibarta, and Sonowal Kachari communities of the river island Majuli, Assam. The medicinal properties of 93 plants from 56 distinct families have been recorded. Maximum plant species belong to Zingiberaceae, Poaceae, Lamiaceae, Malvaceae, Rubiaceae, Verbinaceae, Apocynaceae, Liliaceae, and Amaranthaceae families. With six species, the Zinziberaceae family was the largest, and the bulk of the 31 species leaves were used to treat various illnesses. According to life form (growth habit), the number of plant species utilized by the communities is 47% herbs, 27% trees, 19% shrubs, 5% climbers, and 2% creepers respectively. For the treatment of 52 distinct ailments, these plants are used. Among these, 21 plants were acknowledged for their effectiveness in treating different intestinal issues, 13 plants were utilized to treat respiratory problems and fever, muscle and joint pains, 12 plants for relief of jaundice and liver problems, and 6 other plants were the healing of wounds, cuts, and burns, and 3 plants for the treatment of skin diseases and infections.

**Table 1:-** Result of Field Study.

| Sl No. | Botanical name/Family                                               | Regional name/Growth Habit | Portion utilized | Preparation and illness cured by the plant                                            |
|--------|---------------------------------------------------------------------|----------------------------|------------------|---------------------------------------------------------------------------------------|
| 1      | <i>Acarus calamus</i> L.<br>(Aracaceae)                             | Bach/Herb                  | Rhizome          | Rhizome extract is utilized to treat <b>indigestion and gastrointestinal disorder</b> |
| 2      | <i>Acacia farnesiana</i> L.<br>(Mimosaceae)                         | Torua kadam/Tree           | Bark             | Bark extract is utilized to treat <b>malaria and primary dismanorrhya</b>             |
| 3      | <i>Adhatoda vasica</i> . Roxb.<br>(Acanthaceae)                     | Bogaa Baahok/Shrub         | Leaf             | Leaf extract is utilized to treat <b>cough and asthma</b>                             |
| 4      | <i>Aegle marmelos</i> L.<br>(Rutaceae)                              | Bel /Tree                  | Leaf and Fruit   | Boil leaf and fruit are used to cure <b>stomachache</b> .                             |
| 5      | <i>Aloe vera</i> Tourn ex. Linn.<br>(Liliaceae)                     | Salkonwari/Herb            | Leaf             | Leaf paste applied externally on forehead in <b>high fever</b> .                      |
| 6      | <i>Alocasia indica</i> (L). G Don.<br>(Araceae)                     | Man kosu/Herb              | Rhizome          | Boil rhizome paste is used to relieve <b>abdominal pain</b>                           |
| 7      | <i>Allium sativum</i> L.<br>(Asteraceae)                            | Rasun, Nohoru/Herb         | Bulb             | Bulb paste along with hot mustard oil applied externally to relieve <b>body ache</b>  |
| 8      | <i>Allium cepa</i> L.<br>(Liliaceae)                                | Peaj/Herb                  | Bulb             | Bulb juice is used to cure <b>asthma</b>                                              |
| 9      | <i>Amaranthus spinosus</i> L.<br>(Amaranthaceae)                    | Hatikhutara/Herb           | Root             | Juice prepared from root is used to treat <b>pregnancy treatment</b>                  |
| 10     | <i>Alternanthera sessilis</i> (L)<br>R Br. Ex DC<br>(Amaranthaceae) | Mati-kanduri/Herb          | Stem and leaf    | Boiled stem and leaves are consumed to cure <b>loose motion</b>                       |
| 11     | <i>Amaranthus spinosus</i> L.<br>(Amaranthaceae)                    | Khutura/Herb               | Root             | Root is used to treat <b>abscess</b>                                                  |
| 12     | <i>Ananas comosus</i> (L.)<br>Merr.                                 | Anaras/Herb                | Unripe fruit     | Unripe fruit is directly taken to treat as <b>Abortifacient</b>                       |

|    |                                                                        |                      |               |                                                                                                    |
|----|------------------------------------------------------------------------|----------------------|---------------|----------------------------------------------------------------------------------------------------|
|    | (Bromeliaceae)                                                         |                      |               |                                                                                                    |
| 13 | <i>Andrographis paniculata</i> (Burm.f.) Nees. (Acanthaceae)           | Sirata/Herb          | Leaf          | Leaf juice is very effective to relief from intestinal <b>worm</b>                                 |
| 14 | <i>Asparagus racemosus</i> Wild. (Liliaceae)                           | Satmul/woody climber | Root          | Root extract is suitable to treat <b>menopause</b> syndrome and certain <b>infectious diseases</b> |
| 15 | <i>Artocarpus heterophyllus</i> Lam. (Moraceae)                        | Kothal/Tree          | Latex         | Latex is used to treat <b>Skin disease</b>                                                         |
| 16 | <i>Areca catechu</i> Linn. (Arecaceae)                                 | Tamul/Tree           | Fruit         | Fruit is directly taken to cure <b>dry cough</b>                                                   |
| 17 | <i>Averrhoa carambola</i> L. (Oxalidaceae)                             | Kordoi/Tree          | Fruit         | Fruit extract is utilized to treat <b>jaundice.</b>                                                |
| 18 | <i>Azadirachta indica</i> A. Jesus. (Meliaceae)                        | Nim/Tree             | Leaf and bark | Leaf is used for various skin related issues and bark extract is used to kill <b>worm</b>          |
| 19 | <i>Bacopa monnieri</i> Pennel. (Scrophulariaceae)                      | Brahmi/Herb          | Leaf          | Fried leaf in ghee is used as <b>memory stimulant</b>                                              |
| 20 | <i>Boerhavia diffusa</i> L.nom.cons. (Nyctaginaceae)                   | Pononua/Herb         | Whole plant   | Extract of plan is taken to relief from <b>jaundice and inflammation</b>                           |
| 21 | <i>Cajanus cajan</i> (L.) Huth. (Fabaceae)                             | Rahar dal/Shrub      | Leaf          | Leaf extract is used to cure <b>Jundice</b>                                                        |
| 22 | <i>Cassia alata</i> L. (Caesalpinaceae)                                | Khor goss/Shrub      | Leaf          | Leaf mixed with garlic paste is suitable to treat in <b>allergy</b>                                |
| 23 | <i>Cassia tora</i> (L.) Roxb. (Caesalpinaceae)                         | Medelua/Shrub        | Seed and Leaf | Seed and leaf paste is used externally to treat <b>skin diseases.</b>                              |
| 24 | <i>Catharanthus roseus</i> (L.)G.Don. (Apocynaceae)                    | Nayantara/Herb       | Leaf          | Leaf extract consumed to relief from <b>Gastritis</b>                                              |
| 25 | <i>Carica papaya</i> L. (Caricaceae)                                   | Omita/Tree           | Latex         | Plant latex is externally applied on <b>burns and cut wounds</b>                                   |
| 26 | <i>Centella asiatica</i> L. (Apiaceae)                                 | Manimuni/Herb        | Leaf          | Leaf with garlic boil used in <b>stomachache.</b>                                                  |
| 27 | <i>Cinnamomum tamala</i> (Buch. Ham.) T. Nees & C.H.Eberm. (Lauraceae) | Tejpat/Shrub         | Bark          | Bark is useful to treat in loose motion                                                            |
| 28 | <i>Citrus lemon</i> (Christ.) SW. (Rutaceae)                           | Nemu/Tree            | Fruit         | Juice from fruit is consumed to treat <b>Jaundice and diarrhea</b>                                 |
| 29 | <i>Cissus quadrangularis</i> L. (Vitaceae)                             | Harjora/Creepers     | Stem          | Stem paste applied externally to join fractured bone                                               |
| 30 | <i>Cissampelos parera</i> L. (Menispermaceae)                          | Tubukilota/Climber   | Leaf          | Leaf paste used in <b>fever.</b>                                                                   |
| 31 | <i>Clitoria ternatea</i> Linn. (Fabaceae)                              | Aparajita/Creepers   | Flower        | The flower extract used to cure <b>antimicrobial and anti-diabetic activities</b>                  |
| 32 | <i>Clerodendrum colebrookianum</i> Walp. (Verbinaceae)                 | Nephaphu/Shrub       | Leaf          | Boil leaf along with garlic is a controller of high <b>blood pressure.</b>                         |
| 33 | <i>Costus speciosus</i> (J. Konig) C.Specht.                           | Jomlakhuti/Shrub     | Rhizome       | The rhizome paste is suitable to treat urinary tract infection,                                    |

|    |                                                                      |                        |                 |                                                                                                  |
|----|----------------------------------------------------------------------|------------------------|-----------------|--------------------------------------------------------------------------------------------------|
|    | (Zingiberaceae)                                                      |                        |                 | <b>headache, stomachache and jaundice</b>                                                        |
| 34 | <i>Commenlina benghalensis</i> L.<br>(Commelinaceae)                 | Kona himolu/Herb       | Whole plant     | Plant extrac is used to cure <b>sore feet and wounds</b>                                         |
| 35 | <i>Curcuma longa</i> Linn.<br>(Zingibaraceae)                        | Haladhi/Herb           | Rhizome         | Rhizome paste prepared is taken in <b>Cough</b> and used to <b>relief pain.</b>                  |
| 36 | <i>Curcuma aromatica</i> Salisb.<br>(Zingiberaceae)                  | Ban-haladhi/Herb       | Rhizome         | Rhizome is used in <b>menstrual pain.</b>                                                        |
| 37 | <i>Curcuma longa</i> L.<br>(Zingiberaceae)                           | Haladhi/Herb           | Rhizome         | Rhizome extract applied externally on injured body part to <b>relief pain.</b>                   |
| 38 | <i>Cymbopogon flexuosus</i> (Nees ex Steud.) W. Watson.<br>(Poaceae) | Lemon grass/Herb       | Whole plant     | Plant extract is taken orally to get rid of <b>headache, and rheumatism.</b>                     |
| 39 | <i>Cynodon dactylon</i> ( L.) Pers.<br>(Poaceae)                     | Dubari bon /Herb       | Whole plant     | Paste of plant is applied externally on injured organ to stop bleeding                           |
| 40 | <i>Cyperus rotundus</i> L.<br>(Cyperaceae)                           | Keya bon/Herb          | Tuber           | Tuber paste is applied on injured places to <b>cure boils.</b>                                   |
| 41 | <i>Desmodium caudatum</i> (Thunb.) DC.<br>(Fabaceae)                 | Bor-biyoni habota/Herb | Whole plant     | Decoction is used to treat <b>haemospermia.</b>                                                  |
| 42 | <i>Dillenia indica</i> L.<br>(Dilleniaceae)                          | Outenga/Tree           | Fruit           | Fruit boiled with molasses used to treat <b>dysentery.</b>                                       |
| 43 | <i>Drymaria cordata</i> L.(Wild).<br>(Caryophyllaceae)               | Lai-jabori/Herb        | Whole plant     | Paste of whole plant is applied on tongue in <b>fungal infection.</b>                            |
| 44 | <i>Eclipta alba</i> L.<br>(Asteraceae)                               | Kenharaj/Herb          | Leaf            | Leaf extract used in <b>chicken pox.</b>                                                         |
| 45 | <i>Emblica officinalis</i> Gaertn.<br>(Euphorbiaceae)                | Aamlokhi/Tree          | Fruit           | Fresh fruit is used as liver tonic and dried fruit used against the treatment of <b>jaundice</b> |
| 46 | <i>Elletaria cardamomum</i> (L.) Maton.<br>(Zingiberaceae)           | Elachi/Herb            | Seed            | Seed powder used in <b>intestinal sore</b>                                                       |
| 47 | <i>Eupatorium odoratum</i> L.<br>(Asteraceae)                        | Jarmani bon/Shrub      | Leaf            | Crushed leafs are applied in <b>Cuts and wounds</b>                                              |
| 48 | <i>Euphorbia hirta</i> L.<br>(Euphorbiaceae)                         | Gakhiroti bon/Herb     | Entire plant    | Plant is used to treat <b>gastrointestinal and respiratory diseases</b>                          |
| 49 | <i>Gmelina arborea</i> L.<br>(Verbenaceae)                           | Gomari/Tree            | Seed            | Paste of seeds are spread affected area to <b>treat Itching</b>                                  |
| 50 | <i>Hedyotis diffusa</i> Willd.<br>(Rubiaceae)                        | Bon-jaluk/Herb         | Whole plant     | Decoction is used in <b>body ache</b>                                                            |
| 51 | <i>Heliotropium indicum</i> L.<br>(Boraginaceae)                     | Biyoni habota/Herb     | Leaf            | Leaf extract applied externally to cure <b>wounds.</b>                                           |
| 52 | <i>Hibiscus rosa-sinensis</i> L.<br>(Malvaceae)                      | Jaba/Shrub             | Leaf and flower | Leaf and flowers paste are used in <b>boils</b><br>Leaf and flower paste used to                 |

|    |                                                           |                    |                 |                                                                                                                  |
|----|-----------------------------------------------------------|--------------------|-----------------|------------------------------------------------------------------------------------------------------------------|
|    |                                                           |                    |                 | rupture <b>abscess and insect bite.</b>                                                                          |
| 53 | <i>Hibiscus mutabilis</i> L.<br>(Malvaceae)               | Sthala-padma/Shrub | Leaf and flower | Leaf and flower paste applied externally to <b>cure burns and other skin problems</b>                            |
| 54 | <i>Houttuynia cordata</i><br>Thunb.<br>(Saururaceae)      | Mosondari/Herb     | Leaf            | Steamed leaf is consumed to cure <b>diarrhea and dysentery</b>                                                   |
| 55 | <i>Hydrocotyle javanica</i><br>Thunb.<br>(Araliaceae)     | Horu manimuni/Herb | Whole plant     | Juice of the plant is given to kill <b>intestinal worms</b> . Decoction is given in <b>dysentery</b>             |
| 56 | <i>Lawsonia inermis</i> L.<br>(Lythraceae)                | Jetuka/Shrub       | Leaf            | Leaves paste applied topically on head for <b>hair growth</b> and also applied to <b>cure paronychia</b> .       |
| 57 | <i>Leucas aspera</i> (Wild.)<br>(Lamiaceae)               | Durun bon/Herb     | Leaf            | Boiled leaf taken to relief <b>bodyache</b> .                                                                    |
| 58 | <i>Kalanchoe pinnata</i><br>(Lam.)Pers.<br>(Crassulaceae) | Dupor tenga/Herb   | Leaf            | Leaf paste used externally to cure fever, <b>diarrhea, headache and jaundice</b>                                 |
| 59 | <i>Mangifera indica</i> L.<br>(Anacardiaceae)             | Aam/Tree           | Bark            | Juice prepared from bark mixed with sugar is used to treat <b>bleeding piles</b>                                 |
| 60 | <i>Mentha arvensis</i> L.<br>(Lamiaceae)                  | Poduna/Herb        | Leaf            | Leaf as well as stem can be eaten raw which helps in <b>digestion</b>                                            |
| 61 | <i>Michelia champaca</i> L.<br>(Magnoliaceae)             | Titachopa/Tree     | Leaf and seed   | Leaf and seed extract taken as appetizer and also in <b>stomach problem</b>                                      |
| 62 | <i>Mimosa pudica</i> L.<br>(Mimosaceae)                   | Nilagi bon/Herb    | Stem            | Stem extract are taken to cure <b>Bone fracture</b> . Root extract used in <b>piles</b> and to <b>kill worms</b> |
| 63 | <i>Mimosops elengii</i> L.<br>(Sapotaceae)                | Bakul/Tree         | Bark            | Bark extract mixed with water used to cure <b>loosening of teeth</b> .                                           |
| 64 | <i>Moringa oleifera</i> Lamk.<br>(Moringaceae)            | Sajina/Tree        | Bark            | Bark juice mix with sugar is used to treat <b>Jaundice</b>                                                       |
| 65 | <i>Murraya koenigii</i> Spreng.<br>(Rutaceae)             | Narasingha/Shrub   | Leaf            | Boil leaf used in <b>stomachache and weakness</b> .                                                              |
| 66 | <i>Musa paradisiaca</i> L.<br>(Musaceae)                  | Kolgos/Herb        | Bark            | Bark juice for <b>kidney problem</b> and dried fruit extract used to <b>kill tapworm</b> .                       |
| 67 | <i>Nerium indicum</i> Mill.<br>(Apocynaceae)              | Karabi/Tree        | Leaf            | Leaf used against <b>skin disease</b>                                                                            |
| 68 | <i>Ocimum basilicum</i> L.<br>(Lamiaceae)                 | Tulasi/Shrub       | Leaf            | Leaf juice mixed with honey is taken against <b>cough and fever</b> .                                            |
| 69 | <i>Ocimum sanctum</i> L.<br>(Lamiaceae)                   | Kola-tulasi/Shrub  | Leaf            | Leaf with salt used to cure cough                                                                                |
| 70 | <i>Oroxylum indicum</i> Vent.<br>(Bignoniaceae)           | Bhatghila/Tree     | Bark and root   | Bark along with water used for <b>stomachache</b> and root used for <b>TB</b> .                                  |
| 71 | <i>Oxalis corniculata</i> L.<br>(Oxalidaceae)             | Tengeshitenga/Herb | Whole plant     | Whole plant used as <b>appetizer</b>                                                                             |
| 72 | <i>Oxalis corymbosa</i> DC.                               | Bor tengesi        | Whole plant     | Plant extract is used to treat                                                                                   |

|    |                                                                   |                      |               |                                                                                                       |
|----|-------------------------------------------------------------------|----------------------|---------------|-------------------------------------------------------------------------------------------------------|
|    | (Oxalidaceae)                                                     | saak/Shrub           |               | <b>diarrhea and wound healing</b>                                                                     |
| 73 | <i>Paederia foetida</i> L.<br>(Rubiaceae)                         | Bhadeli lota/Climber | Leaf          | Decoction of leaf is used to treat <b>diarrhea, stomach ache, dysentery, piles and bowel diseases</b> |
| 74 | <i>Piper betle</i> L.<br>(Piperaceae)                             | Paan/Climber         | Leaf          | Crashed leaf applied externally to cure wounds                                                        |
| 75 | <i>Piper nigrum</i> L.<br>(Piperaceae)                            | Jaluk/Climber        | Seed          | Seed used for viral coryza<br>Seed with honey used to <b>treat cough</b>                              |
| 76 | <i>Phyllanthus niruri</i> L.<br>(Euphorbiaceae)                   | Bhui aamlokhi/Herb   | Whole plant   | Entire plant juice use to cure <b>jaundice</b>                                                        |
| 77 | <i>Phyllanthusa emblica</i> L.<br>(Phyllanthaceae)                | Aamlokhi/Tree        | Fruit         | Used the fruit for <b>healthy hair and skin</b>                                                       |
| 78 | <i>Psidium guava</i> L.<br>(Myrtaceae)                            | Modhuri/Tree         | Leaf          | Tender leaf extract used to treat <b>dysentery and diarrhea.</b>                                      |
| 79 | <i>Pterospermum acerifolium</i> (L.) Wild.<br>(Malvaceae)         | Kanak champa/Tree    | Bark          | Bark extract is taken to cure <b>inflammation, pain and ulcer</b>                                     |
| 80 | <i>Portuleca oleracea</i> L.<br>(Portulacaceae)                   | Malbhog khutara/Herb | Leaf and stem | Leaf and stem are used to treat <b>dysentery and diarrhoea</b>                                        |
| 81 | <i>Raphanus sativus</i> L.<br>(Brassicaceae)                      | Mula/Herb            | Root          | Root used in <b>urinary tract infection.</b>                                                          |
| 82 | <i>Ricinus communis</i> L.<br>(Euphorbiaceae)                     | Nuni/Tree            | Seed          | Seed oil used externally against <b>rheumatism, leaves are used in bodyache</b>                       |
| 83 | <i>Saccharum officinarum</i> L.<br>(Poaceae)                      | Kuhlar/Herb          | Stem          | Stem juice used for <b>jaundice</b>                                                                   |
| 84 | <i>Solanum nigrum</i> L.<br>(Solanaceae)                          | Soru pokmou/Herb     | Whole plant   | Whole part row or boiled used in <b>liver problem and indigestion</b>                                 |
| 85 | <i>Solanum indicum</i> L.<br>(Solanaceae)                         | Tita bhekuri/Shrub   | Fruit         | Roasted fruit is used as <b>blood purifier</b>                                                        |
| 86 | <i>Spilanthes acmella</i> (L.)<br>(Asteraceae)                    | Maisung/Herb         | Fruit         | Fruit used to treat <b>inflammation of the throat.</b>                                                |
| 87 | <i>Spondias pinnata</i> ( Lf.)<br>Kurz).<br>(Anacardiaceae)       | Amora /Tree          | Fruit         | Fruit used to cure <b>chronic dysentery.</b>                                                          |
| 88 | <i>Terminalia arjuna</i><br>(Roxb.)Wight & Arn.<br>(Combretaceae) | Arjun/Tree           | Bark          | Bark decoction is used in <b>hypertension</b>                                                         |
| 89 | <i>Terminalia belerica</i><br>(Gaert) Roxb.<br>(Combretaceae)     | Bhumura/Tree         | Fruit         | Fruit is taken directly to treat <b>cough and Diarrhoea</b>                                           |
| 90 | <i>Tamarindus indica</i> L.<br>(Caesalpiniaceae)                  | Teteli/Tree          | Fruit         | Ripe fruit are directly taken for <b>headache, high pressure</b>                                      |
| 91 | <i>Terminalia chebula</i> Retz.<br>(Combretaceae)                 | Hilikha/Tree         | Fruit         | Fruit eaten raw works as an appetizer and cure <b>small pox.</b>                                      |
| 92 | <i>Vitex negundo</i> L.<br>(Verbenaceae)                          | Posotia/Shrub        | Leaf          | Cooked leaf with garlic and mustard oil helps to relief <b>rheumatic pain</b>                         |
| 93 | <i>Zinziber officinale</i> Roxc.<br>(Zingiberaceae)               | Ada/Herb             | Rhizome       | Juice prepared from rhizome is taken to treat <b>diarrhoea and cough</b>                              |

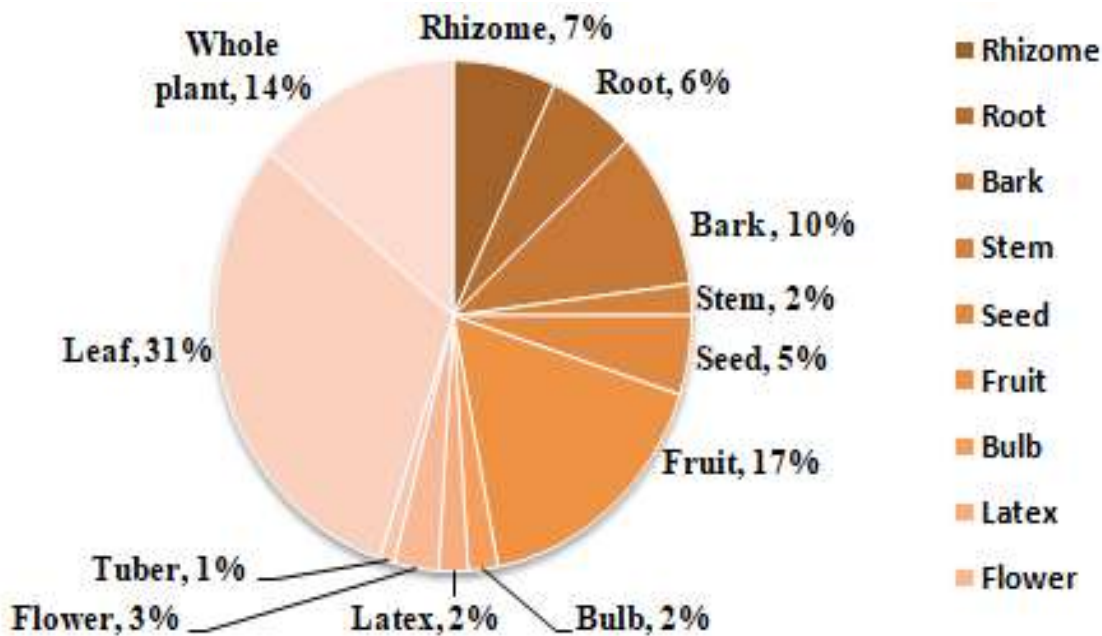


Fig 1:- Statistics of plant parts documented in the study.

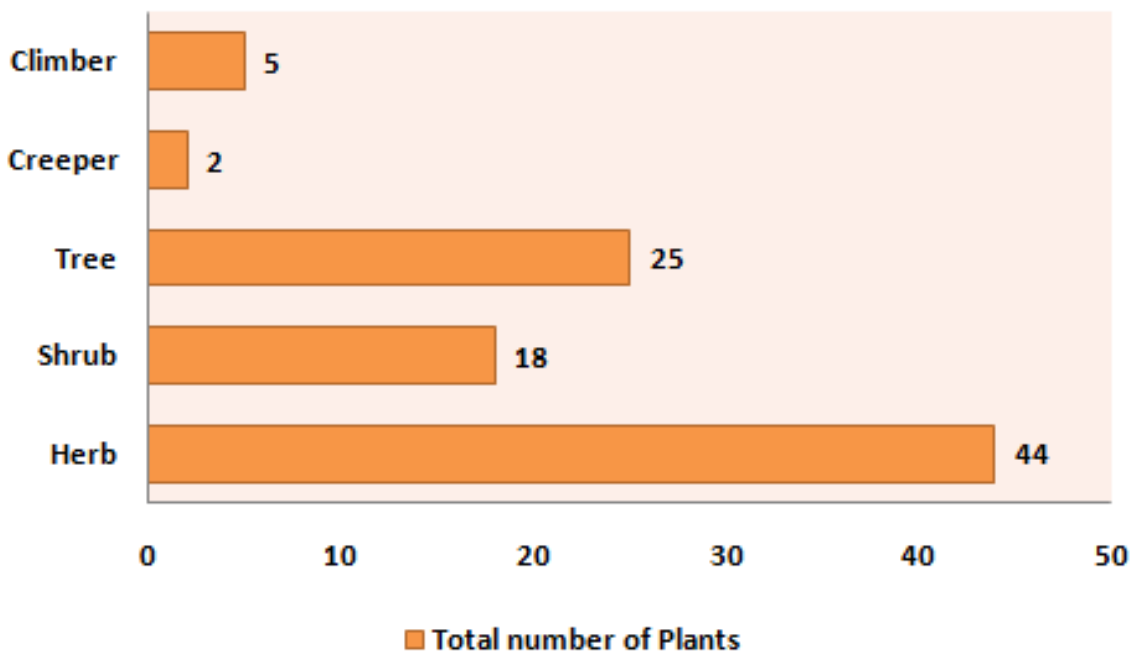


Fig 2:- Diversity of growth habits of medicinal plant documented in the study.

**Conclusion:-**

Since ethno-medicine is believed to be going extinct soon, it is important to conserve this ancient knowledge. Large-scale resource extraction and human dependence on chemical resources in the pace of human development pave the way for future resource insecurity and, eventually, human fatalities. Future generations will benefit from ethnomedicine since it is a method that uses natural resources ethically, which is crucial for life on Earth.

**Acknowledgement:-**

The authors appreciate the villagers and local herbal practitioners for cooperating with the survey by sharing their valuable ethnomedicinal knowledge.

**References:-**

1. Chatterjee, S., Saikia, A., Dutta, P., Ghosh, D., Pangging, G., and Goswami, A. K., (2006): Biodiversity significance of North East India. WWF India. New Delhi
2. Chopra, I.C., and Verma, B.S., (1968): Supplement to the glossary of Indian medicinal plants, New Delhi, Council of Scientific and Industrial Research.
3. Jain, S.K., (1991): Dictionary of Indian folk medicine and ethnobotany, New Delhi, Deep publication.
4. Kanjilal, U.N., Kanjilal, P.C., Das, A., and Purkayastha, C., (1934-1940): Flora of Assam, vol. 1-4. Govt. of Assam, Shillong.
5. Kattamani, K.N., Munikrishnappa, B.M., Hussain, S.A. and Reddy, P.N. (2000): Uses of plants as medicine under semi arid of tropical climate of Raipur district of North Karnataka. J. of Med. Arom. Plant sci., 22.23: 406-410.
6. Mao, A. A., Hyniewta, T. M., and Sanjappa, M., (2009): Plant wealth of North East India with reference to Ethnobotany. Ind. J Trad. Know. 8 : 96-103.
7. Sharma, B.D., Balakrishnanah, N.P., Rao, R.R. and Hajra, P.K. (Eds.) (1993): Flora of India, vol. 1 (Ranunculaceae – Barclayaceae). B.S.I., Calcutta.