

Ethnobotany of Tai-Khamtis of Lakhimpur District, Assam

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Abstract:

Ethnobotany is the study of uses of plants since ancient times. This work is comprised of study of ethnobotany among the Tai-Khamtis of Lakhimpur District Assam India. Although various research works had been done related to the botanical resources of Lakhimpur district, Assam; the ethnobotanical study related to the ethnic tribe “Tai-khamti” is yet unexplored. So, a field work and previous literature study had done to know the ethnobotany among them

Introduction:

According to American taxonomist Richard Evans Schultes, who is known as the “Father of Ethnobotany”, Ethnobotany simply means investigating plants used by societies in various parts of the world. With due course of modernisation on the relevance of ethnobotany been established in various sectors. Even various research works has been done by various institutions to study ethnobotany in an elaborate manner.

Although various research works had been done related to the botanical resources of Lakhimpur district, Assam; the ethnobotanical study related to the ethnic tribe “Tai-khamti” is yet to be done. So, the region inhabited by the Tai-khamti people of Lakhimpur district could be the best possible choice of work to study the ethnobotany of a ethnic group that remain unexplored.

The Tai Khamtis were originally migrated in batches in different historical times from Bor-Khamti or Khamti-mung or Khamti-long or Munche situated near Irawady.

In 1843, as a punitive measure the British Government deported some of the Tai-Khamtis in a steam ship to Lakhimpur district and settle them in Narayanpur.

Tai Khamtis are following Hinayani or Theravada school of Buddhism. As a part of their religious, cultural, social, economical, agricultural needs, the Tai-Khamtis have utilized the diversified flora (and fauna) for their day-to-day requirements and thus have contributed to a very rich traditional knowledge as well as ethnobotanical knowledge.

Aims and objective:

Several Tai community groups are found in Assam. These groups are- Tai-aiton, Tai-Ahom, Tai-Khamyang, Tai-Turung, Tai- Phake and Tai-Khamti. They all have historical impacts on Assam history including Battle of Saraighat 1671, Moamarias Rebel 1769-1805, Tai-Khamti rebellion of 1839 etc.

Several aims were come forth while doing this work-

1. To collect the names of the plants in Tai-Khamti language and make a collection of them with several other at least two languages for future prospect and to create a link of communication.
2. To collect details regarding these medicinal practices.

3. To study various flowers found in their locality.

Materials and methodology:

Site description:

Lakhimpur District is located in the northeast corner of Assam, on the north bank of the Brahmaputra River. The district is located between latitudes 26o48' and 27o53' north and longitudes 93o42' and 94o20' east (approx.) Forests are mostly tropical rain forest.

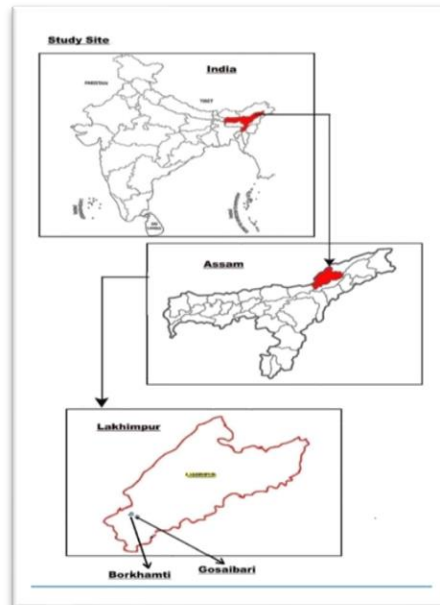


Fig 1: Map of the study area

Data Collection:

Data collection was done visiting the area several times within the years 2021-2023. For collecting the proper data several areas conserved by other Tai groups were also visited to understand the basic differences between them with Tai-Khamtis.

Field Work:

A field book was used to record plant observations and information about their usage. All of the plants utilized by the Tai Khamtis have been collected and the voucher specimens were maintained using the standard herbarium process (Jain and Rao, 1978).

Data were collected visiting various informants.

Herbaria:

Herbarium sheets and accompanying field notes have also proven to be an excellent source of ethnobotanical information. In the current study, a specimen-to-specimen search was conducted using the herbarium collection of North Lakhimpur College (Autonomous) and by using the BSI website for identification.

Evaluation of data:

The data obtained from all the sources mentioned in the preceding paragraphs are scrutinized with earlier important publications. Such as-

"Encyclopedic Dictionary of Medicinal Plants" by Thakur *et al.*(2017)

"Dictionary of Indian folk medicine and ethnobotany" (Jain, 1991)

“Encyclopedic Dictionary of Medicinal Plants”and “

“Dictionary of Indian folk medicine and ethnobotany”

Presentation of data:

Attention has been paid to plants in this study that the Tai-Khamtis believed to be valuable. The plants have been organised in alphabetical order using their scientific names.

The botanical descriptions are kept relatively succinct, sometimes to a few words of certain essential traits of the plant, for the purpose of brevity and as accessible in the majority of the flora.

Results and discussion

The total number of species falling under these categories is 494 as opposed to the 274 plant species that were gathered; this increase is the result of the inclusion of certain plants that are employed for several purposes in multiple categories. Plant species utilised as masticators, insecticides, insect repellents, and other items fall under the category of miscellaneous.

Tab. 1: Family wise distribution of Plant species:

Family name	No. of Species	Family name	No. of Species
Acanthaceae	6	Crassulaceae	1
Alanginaceae	1	Cucurabitaceae	9
Amaranthaceae	9	Dioscoreaceae	6
Anacardiaceae	2	Dipterocarpaceae	2
Apiaceae	2	Equisetaceae	1
Apocynaceae	6	Euphorbiaceae	6
Aracaceae	10	Fabaceae	12
Araliaceae	1	Gesneriaceae	1
Asteraceae	11	Icacinaceae	1
Athyriaceae	1	Lamiaceae	8
Balsaminaceae	2	Lauraceae	4
Barringtoniaceae	1	Leguminosae	6
Begoniaceae	3	Liliaceae	3
Boraginaceae	1	Lygodiaceae	1
Brassicaceae	5	Lytharaceae	3
Bromeliaceae	1	Magnoliaceae	1
Caesalpinaceae	3	Malvaceae	6
Caryophyllaceae	2	Maranthaceae	2
Cesalpiniaceae	2	Mazaceae	1
Clusiaceae	1	Marsileaceae	1
Combretaceae	4	Melastomaceae	1
Commelinaceae	2	Meliaceae	2

Convolvulaceae	2	Menispermaceae	1
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Family name	No. of Species	Family name	No. of Species
Mimosaceae	2	Puniaceae	1
Moraceae	4	Resedaceae	1
Moringaceae	1	Rhamnaceae	1
Musaceae	2	Rosaceae	5
Myrtaceae	4	Rubiaceae	5
Nelumbonaceae	1	Rutaceae	8
Nyctaginaceae	3	Sapindaceae	2
Nymphaeaceae	1	Sapotaceae	1
Oleaceae	3	Saururaceae	1
Onagraceae	1	Selaginellaceae	1
Orchidaceae	9	Smilacaceae	1
Oxalidaceae	1	Solanaceae	11
Pandanaceae	1	Sonneratiaceae	1
Papaveraceae	1	Theaceae	1
Pedaliaceae	1	Thelypteridaceae	1
Petiveriaceae	1	Tiliaceae	1
Piperaceae	4	Ulmaceae	1
Plantaginaceae	3	Umbelliferae	1
Poaceae	14	Urticaceae	1
Polygonaceae	2	Verbenaceae	3
Pontederiaceae	3	Vitaceae	1
Portulacaceae	1	Zingiberaceae	4
Pteridaceae	1	Total	274

Table 1: Family wise distribution of plants

The 274 plant species has various ethnobotanical uses .It is showed in the list below-

Sl no.	Scientific name	Family	Local names As: Assamese Kh: Khamti	Parts used	Purpose of use
1	<i>Acacia farnesiana</i> (L.)Wild.Minosaceae	Fabaceae	As: Tarua Kadam Kh: Nang-nukkyeng	Root Stem Bark	Medicinal Ornamental
2	<i>Achyranthes bidentata</i> Blume	Amaranthaceae	As:Apamarga ,Bonsodh Kh:	Root	Medicinal
3	<i>Acrostichum aureum</i> L.	Pteridaceae	As: Hunali dhekia Kh:pa-kut	Leaves	Miscellaneous

4	<i>Aegle marmelos</i> (L.) Corr	Rutaceae	As: Bel gos Kh: Mak-puk-na	Root Stem Leaves Flower Ripe fruit Seeds	Medicinal Religious
5	<i>Aerva seuginolenta</i> (L.) Bl.	Amaranthaceae	As: Saru arokson Kh: Bhung- maya-ja-noi	Shoot Leaves	Medicinal Vegetable
6	<i>Ageratum conzoides</i> L.	Asteraceae	As: Gendhela bon Kh: Yaphui-hak	Leaves Shoots	Medicinal
7	<i>Ageratum houstonianum</i> Mill.	Asteraceae	En: Blue pussy leaf Kh:	Plant	Ornamental
8	<i>Alangium begoniaefolia</i>	Alanginaceae	As: Sika- Morolia Kh: Po-tong-pa	Leaves Wood Plant	Medicinal Religious Miscellaneous
9	<i>Allium sativum</i> L.	Liliaceae	As: Nohoru Kh: Puru-ching	Bulb Leaves	Food Medicinal Cultivation Miscellaneous
10	<i>Alocasia indica</i> (Roxb.) Scott	Aracaceae	As: Man-kochu Kh: Muk-man	Rhizomes Petioles	Food
11	<i>Alocasia macrorrhiza</i> (L.) G. don	Aracaceae	As: Kola-Kochu Kh: Muk-nam	Petiole Plant	Food Economical Vegetable
12	<i>Aloe barbadensis</i> Mill.	Liliaceae	As: Sal-konwari Kh: Lu-hui	Leaves Plant	Medicinal Miscellaneous Ornamental
13	<i>Alternanthera sessilis</i> (L.) R. Br. ex DC.	Amaranthaceae	As: Mati- kanduri Kh: Pi-tean-kai	Shoot Plant	Medicinal Vegetable Economical
14	<i>Amaranthus spinosus</i> L.	Amaranthaceae	As: Hati- Khutora Kh: Pu-hom	Leaves Plant Shoots	Medicinal Vegetable Economical
15	<i>Amaranthus viridis</i> L.	Amaranthaceae	As: Jati Khutora, Khutora Kh: Po-houm	Plant Shoots	Medicinal Vegetable Economical
16	<i>Amaranthus</i>	Amaranthaceae	As: Ronga	Plant	Medicinal

	gangeticus	e	morisa Kh:		Vegetable Economical
17	<i>Amorphophallus campanulatus</i> (Roxb.) Bl. ex. Dence.	Aracaceae	As: Ul kochu Kh:Mok-lai	Corm Leaves	Medicinal Vegetable Food Economical
18	<i>Ananas comosus</i> (L.) Merr.	Bromeliaceae	As:Mati-kothal Kh:Mak-kinghom	Leaves Fruit Shoots	Medicinal Miscellaneous Food Economical
19	<i>Andrographis paniculata</i> (Wall.) ex Nees	Acanthaceae	As:Chirota, Kal-megh Kh:Ya-Khum-Chirata	Leaves	Medicinal
20	<i>Anthocephalus chinensis</i> (Lamk.) Rich. ex Walp.	Rubiaceae	As: Kodom-gos Kh:Tun-Kodam	Wood	Miscellaneous
21	<i>Areca catechu</i> L.	Arecaceae	As: Tamul Kh:Mak-mu	Leaves Nuts Stem	Food Miscellaneous
22	<i>Areca negensis</i> Griff.	Aracaeae	As: Mamoi-tamul Kh:Huitam-piung	Nut Plants	Food Ornamental
23	<i>Artocarpus chama</i> Buch. Ham.	Moraceae	As:Cham-kothal Kh:Tun-malangthoun	Leaves Fruit	Food Miscellaneous
24	<i>Artocarpus heterophyllus</i> Lamk.	Moraceae	As:Kothal Kh:Mak-lang	Fruit Seeds Plant	Food Religious Ornamental
25	<i>Asparagus racemosus</i> Willd.	Liliacee	As: Satmul Kh:Ya-chaenhak	Root	Medicinal Food
26	<i>Asystasia gangetica</i> (L.) T.Anderson	Acanthaceae	En:Creeping foxglove	Flower	Religious
27	<i>Azadirachta indica</i> A. Juss.	Meliaceae	As:Moha-neem Kh:Tam-maa	Root Stem Leaves Bark	Medicinal Vegetable
28	<i>Baccaurea ramiflora</i> Lour.	Euphorbiaceae	As:Leteku Kh:Mak-phai	Leaves Ripe fruit	Medicinal Food

				Bark	Vegetable Economical
29	<i>Bacopa monnieri</i> (L.) Pennell	Plantaginaceae	As:Brahmi Kh:	Plant	Medicinal Vegetable
30	<i>Bambusa balcooa</i> Roxb	Poaceae	As:Bhalukaban h Kh:Maichang	Shoot Stem Culm	Medicinal Food Miscellaneous Economical
31	<i>Bambusa nutans</i> <u>Wall. ex Munro</u>	Poaceae	As:Mokal banh Kh:Mai- khaolam	Culm	Miscellaneous
32	<i>Bambusa pallida</i> - Munro	Poaceae	As:Bijuli banh Kh:Mai- khaolam-noi	Stem	Miscellaneous
33	<i>Bambusa tulda</i> Roxb.	Poaceae	As:Jati-banh Kh:Mai-houn	Shoot Plant Culm	Miscellaneous Economical Cultivation
34	<i>Bauhinia purpurea</i> L.	Caesalpinaceae	As:Kanchan Kh:Black-ciw	Plant Flower	Ornamental Religious
35	<i>Bauhinia variegata</i> L.	Caesalpinaceae	As : Kanchan Kh:Mai-xiu	Plant Flower	Ornamental Religious
36	<i>Begonia roxburghii</i> DC.	Begoniaceae	As: Nogatengechi Kh:Thun-chum	Leaves Plant	Food Ornamental
37	<i>Brassica eruca</i> L.	Brassicaceae	As:Bon-sariah Kh:Ya-man	Plant Leaves	Vegetable
38	<i>Benincasa hispida</i> (Thumb) Cogn.	Cucurbitaceae	AsKumura: Kh:Ma- bamenhong	Root Shoot Fruit Leaves	Medicinal Vegetable
39	<i>Blumea fistulosa</i> (Roxb.) Kurz	Asteraceae	As: Bonoria-lai Kh::Phak-kat- na	Leaves Shoots	Medicinal Vegetable
40	<i>Boerhaavia diffusa</i> L.	Nyctaginaceae	As:Ponounoua Kh:Ya-it-mu	Leaves Shoots	Medicinal Vegetable
41	<i>Bougainvillea</i> Comm. ex Juss.	Nyctaginaceae	As: Kagoj ful Kh:	Flower	Religious Ornamental
42	<i>Brassica juncea</i> - (L.) Czern. et Coss.	Brassicaceae	As:Jati-lai Kh:Phak- katkrum	Leaves Shoots	Vegetable Economical
43	<i>Brassica campestris</i> L.	Brassicaceae	As:Boga-sariah Kh:Nam-	Leaves Seeds	Food Cultivation

			man	Plants	Vegetable Economical
44	<i>Brassica nigra</i> L.	Brassicaceae	As:Bon horioh Kh:Pa-kat-khum	Leaves Shoots Plants	Food Cultivation Vegetable
45	<i>Brugmansia insignis</i> x	Solanaceae	As:Nishigondha Kh:	Flower	Religious
46	<i>Butea monosperma</i> (Lamk.) Taub.	Fabaceae	As:Polash gos Kh:mo-pao-hom	Root Plant Flower	Religious Ornamental Medicinal
47	<i>Caesalpinia cuculata</i> Roxb.	Caesalpiniaceae	As: Bagh-achura bon Kh:Thao-naonam	Root	Medicinal
48	<i>Caesalpinia pulcherrima</i> (L.) Sw.	Fabaceae	As: Radhasura Kh:	Flower	Religious
49	<i>Cajanus cajan</i> (L.) Millsp.	Fabaceae	As: Rahar-mah Kh:Tho-rahar	Seeds Leaves Flower	Vegetable Medicinal
50	<i>Calamus erectus</i> Roxb.	Arecaceae	As:Bet gos Kh:Phak-bunkhoum	Leaves Stem Fruit	Food Miscellaneous Economical
51	<i>Calamus tenuis</i> Roxb.	Arecaceae	As:Jati-bet Kh:Mai-kapnam	Shoot Stem Fruit	Food Miscellaneous Economical
52	<i>Celosia argentea</i> L.	Amaranthaceae	As:Kukura ful Kh:	Plant Flower	Ornamental Religious
53	<i>Camellia sinensis</i> (L.) Kuntz	Theaceae	As: Sah gos Kh:Tun-pha-lap	Leaves	Food Medicinal Cultivation
54	<i>Capsicum annuum</i> L.	Solanaceae	As: Jolokia Kh:Mak-phit	Fruit Plants	Cultivation Food Economical
55	<i>Capsicum frutescens</i> L.	Solanaceae	As: Kon-Jolokia Kh:Mak-phitkon	Fruit Plants	Cultivation Economical
56	<i>Careya arborea</i> Roxb.	Barringtoniaceae	As:Bogi-jamuk Kh:Pha-hat	Fruit	Food Economical
57	<i>Cascabela thevetia</i>	Apocynaceae	As:Korobi-phul	Plant	Ornamental

	(L.) <u>Lippold</u>		Kh:Tun-pathaopatai	Flower	Religious
58	<i>Cassia angustifolia</i> Vahl	Fabaceae	As:Jayanti ful Kh:	Plant Flower	Ornamental Religious
59	<i>Cassia alata</i> L.	Cesalpiniaceae	As:Khorpat Kh:Tun-min-Chiri	Leaves	Medicinal
60	<i>Cassia fistula</i> L.	Cesalpiniaceae	As: Sonaru Kh:Mai-khumngow	Plant Flower	Ornamental Religious
61	<i>Cephalandra indica</i> Naud.	Cucurbitaceae	As: Kunduli Kh:Mak-Khaongu	Leaves Fruit	Vegetable Economical
62	<i>Centella asiatica</i> (L.) <u>Urban</u>	Apiaceae	As:Bormanimu ni	Plant	Medicinal
63	<i>Celtis tetrandra</i> Roxb.	Ulmaceae	As: Sukuta Kh:Tun-su-kuta	Leaves Twigs	Medicinal Miscellaneous
64	<i>Cissus quadrangula</i> L.	Vitaceae	As: Har-joroo Kh:Nya-duk	Stem Shoot Plant	Medicinal Vegetable Ornamental
65	<i>Cinnamomum verum</i> J.Presl	Lauraceae	As: Dal-seni gos Kh:	Leaves Bark	Food Economical
66	<i>Cinnamomum tamala</i> (<u>Buch.Ham.</u>) <u>T.Nees</u> & <u>C.H.Eberm.</u>	Lauraceae	As: Tezpat Kh:Mao-hom	Leaves Bark	Food Economical
67	<i>Citrus acida</i> Roxb.	Rutaceae	As:Kaji-nemu Kh: Mak-fa	Fruits Leaves	Medicinal Food Economical
68	<i>Citrus aurantifolia</i> (Christm.) <u>Swingle</u>	Rutaceae	As:Gol-nemu Kh:Mak-miliw	Fruits Leaves	Medicinal Food Economical
69	<i>Citrus aurantium</i> L.	Rutaceae	As:Chokola-tenga Kh: mak-pup	Fruit Plant	Horticultural Food Economical
70	<i>Citrus maxima</i> (Burm, f.) Merr.	Rutaceae	As:Robab-tenga Kh:Mak-ap-pup	Root Fruit Pulp	Medicinal Food Economical Miscellaneous
71	<i>Citrus medica</i> L.	Rutaceae	As:Jora-tenga	Fruits	Medicinal

			Kh:Tun-majoun	Leaves	Food Economical
72	<i>Clerodendrum colebrookianum</i> Walp.	Verbenaceae	As:Nephaphu Kh:Pata-khai	Leaves Shoots	Medicinal Food Economical
73	<i>Clerodendrum viscosum</i> Vent.	Verbenaceae	AsDhopat-tita Kh:Tong-pingkhoun	Leaves	Food
74	<i>Clitoria ternatea</i> L.	Leguminosae	As:Aparajita Kh:	Root Flower	Medicinal Religious
75	<i>Crotalaria retusa</i> L.	Leguminosae	As: Ghontakorna Kh:	Plant	Miscellaneous
76	<i>Clerodendrum thomsonie</i> Balf.f.	Lamiaceae	En:Bleeding heart vine Kh:	Flower	Religious
77	<i>Chenopodium album</i> L.	Amaranthaceae	As:Jilmil hak Kh:	Plant	Vegetables
78	<i>Cocos nucifera</i> L.	Arecaceae	As:Narikol Kh:Ma-pao	Fruit Endosperm Lamina	Food Miscellaneous
79	<i>Coix lachryma-jobi</i> L.	Poaceae	As:Kawori-moni Kh:Mak-hui-ka , Muk-mai	Petiole Tender Leaves Shoot Spathe	Vegetable
80	<i>Combretum indicum</i> (L.) DeFilipps	Combretaceae	As:Maloti-ful Kh:Tha-mang	Flower	Religious
81	<i>Commelina bengalensis</i> L.	Commelinaceae	As:Kana-simalu Kh:Phak-cannai nam	Stem	Medicinal
82	<i>Coriandrum sativum</i> L.	Umbelliferae	As: Dhania Kh: toun-pa-ki	Shoot Leaves	Vegetable Economical
83	<i>Crateva religiosa</i> G.Forst.	Capparaceae	As:Barun gos Kh:Pu-kum-noi	Wood	Miscellaneous
84	<i>Cucumis sativus</i> L.	Cucurbitaceae	As: Tioh Kh:	Fruit	Food Economical
85	<i>Cucurbita maxima</i>	Cucurbitaceae	As: Ronga-lao	Fruit	Food

	Duch. ex lamk.		Kh:Ma-pakkham	Flower Leaves Seeds Plants	Cultivation
86	<i>Curcuma longa</i> L.	Zingiberaceae	As:Haladhi Kh:Kha-maen	Rhizomes	Food Medicinal Economic
87	<i>Curcuma amada</i> Roxburgh	Zingiberaceae	As: Aam ada Kh:	Rhizomes	Food Economic
88	<i>Cyanthillium cinereum</i> (Carl Linnaeus) H.Rob	Asteraceae	En:Cyanthilium	Leaves	Medicinal
89	<i>Cymbidium aloifolium</i> (L.) Sw.	Orchidaceae	As: Gejeng phul Kh:Mok hang meew	Plant	Ornamental
90	<i>Cymbidium bicolour</i> (L.) Sw. (1799)	Orchidaceae	As: Jethua kopou Kh:Mok hang meew	Plant	Ornamental
91	<i>Cynodon dactylon</i> (L.) Pers	Poaceae	As: Dubari-bon Kh:Ya-me-che	Plant	Medicinal
92	<i>Dactyloctenivm aegypticum</i> (L.) P. Beauv.	Poaceae	As: Bobochabon Kh:Yapak-khai	Root Shoots	Medicinal
93	<i>Dalbergia sisso</i> Roxb.	Leguminosae	As:Sisso Kh:Tun- sisso	Plant	Miscellaneous
94	<i>Datura stramonium</i> L.	Solanaceae	As: Dhatura Kh: Mak-hu	Leaves Flower Seed Fruit	Medicinal Food
95	<i>Delonix regia</i> (Boj. ex Hook.) Raf.	Fabaceae	As: Krishnachura Kh:	Flower	Religious
96	<i>Dendrobium fimbriatum</i> Hook. (1823)	Orchidaceae	En: Fringe lipped dendrobium Kh: Mok-ya-tu	Plant	Ornamental
97	<i>Dendrobium nobile</i> Lindl.	Orchidaceae	En: Noble dendrobium Kh:	Plant	Ornamental
98	<i>Dendrobium</i>	Orchidaceae	As:Haliki thutia	Plant	Ornamental

	<i>aphyllum</i> (Roxb.) C.E.C.Fisch.		kopou Kh:		
99	<i>Dendrocalumus hamiltonii</i> Gamble	Poaceae	As:Kako-banh Kh:Mai-huk	Shoot Culm	Food Economical Miscellaneous
100	<i>Dioscorea arachinida</i> Prain et Burk.	Dioscoreaceae	As:Tinipotiaalu Kh:Mnmao- cham	Tubers Leaves	Food Economical
101	<i>Dioscorea bulbifera</i> L.	Dioscoreaceae	As: Kath-alu Kh:Man-kin- huo	Tubers Leaves	Food Economical Religious
102	<i>Dioscorea esculenta</i> (Lour.) Burk.	Dioscoreaceae	As:Mou-alu Kh:Man-mou	Tubers Leaves	Food Economical
103	<i>Dioscorea spinosa</i> Roxb. ex Hook.	Dioscoreaceae	As: Jopora-alu Kh:Pao-man	Tubers	Food Economical
104	<i>Dioscorea pentaphyla</i> L.	Dioscoreaceae	As: Panch- potia-alu Kh:Man-bao-ha	Tubers	Food Economical
105	<i>Dioscorea hispita</i> Dennst.	Dioscoreaceae	As:Hati- muriaalu Kh:Manhoo- chang	Tubers	Food Religious Economical
106	<i>Diplazium esculentum</i> (Retz.) Sw.	Athyriaceae	As: Dhekia Kh:Phu- kut,Pakkut	Leaves	Vegetable Economical
107	<i>Dipterocarpus macrocarpus</i> Vesque	Dipterocarpace ae	As: Holong Kh:Mai-khet	Wood	Miscellaneous
108	<i>Drymaria cordata</i> (L.) Willd. ex Schul t.	Caryophyllace ae	As: Lai-jabori Kh:Ya-ket-hoin	Leaves Shoots	Food Medicinal
109	<i>Duabanga grandiflora</i> (Roxb. ex DC.) Wal pers	Sonneratiaceae	As:Khokon Kh:Mai-kaa	Wood	Miscellaneous
110	<i>Ecbolium viride</i> (Forsk.) Alston	Acanthaceae	As:Nilakantha Kh:Nya- phungchi	Root	Medicinal
111	<i>Eclipta alba</i> (L.) hassk.	Asteraceae	As: Keh-rajbon Kh:Ya- hom-kheo	Shoots Leaves	Medicinal

112	<i>Ehretia acuminata</i> R.Br.	Boraginaceae	As:Buwal gos Kh:Pa-chang	Wood	Miscellaneous
113	<i>Embllica officinalis</i> Gaertn. F	Euphorbiaceae	As: Amlokhi Kh:Mak-khom	Fruit	Food Medicinal
114	<i>Eichhornia crassipes</i> (Mart.) Silms-Laub.	Pontederiaceae	As: Meteka Kh:Phak-bong	Flowers	Medicinal
115	<i>Elsholtzia blanda</i> (Benth.) Benth.	Lamiaceae	As:Bon-tulashi Kh: Pha-lun	Shoot Leaves	Food
116	<i>Entada scandens</i> Renth.	Mimosaceae	As: Makari- ghila Kh:Thao-mi- lim	Seeds	Miscellaneous
117	<i>Endydra fluctuans</i> Lour.	Asteraceae	As: Helonchi- sak Kh:Phak-nam	Shoot Leaves	Food Economical
118	<i>Equisetum debile</i> Roxb. ex Vouch.	Equisetaceae	As:Harjora bon Kh:Ya-mai	Cataplasm Plant	Medicinal
119	<i>Eria pannea</i> Lindl.	Orchidaceae	As: Kh:Khandala	Leaves	Medicinal
120	<i>Ervatamia coronaria</i> (Jacq.) Stapf	Apocynaceae	As:Kothona-ful Kh:Mak-khaw- pi	Flower	Religious
121	<i>Eugenia jambolana</i> Lamk.	Myrtaceae	As:Bor jamuk Kh: Mak- maikon	Fruit	Economical
122	<i>Euphorbia hirta</i> L.	Euphorbiaceae	As: Gakhiratiban Kh:Pe-khep	Plant Shoot	Medicinal Vegetable
123	<i>Ficus altissima</i> Blume	Moraceae	As:Dimoru Kh:Tun-pak	Fruit	Food
124	<i>Flemingia strobilifera</i> (L.) W.T.Aiton ¹	Leguminosae	As: Makhioti Kh: Tun ma- leng	Root Plant	Medicinal Horticultural
125	<i>Floscopa scandens</i> Tour.	Commelinaceae	As:Saru-kona- simalu Kh:Ya-konoi	Latex	Medicinal
126	<i>Gamochaeta pensylvanica</i> (Willd.) Cabrera	Asteraceae	As: Bon kopahi Kh:	Flower	Miscellaneous
127	<i>Glycyrrhiza glabra</i>	Leguminosae	As: Jesthomodhu	Leaves	Food

	L.		Kh:		
128	<i>Gmelina arborea</i> Roxb.	Verbenaceae	As: Gomari Kh: Mai-chu-Ah	Leaves Wood	Food Miscellaneous
129	<i>Grewia sapia</i> Roxb.	Tiliaceae	As: Houra gos Kh: Phak-kao-lang	Leaves Fruit	Food
130	<i>Gossypium herbogeuem</i> L.	Malvaceae	As: Kopah Kh: Tun-kuin	Leaves Cotton	Medicinal Miscellaneous Religious
131	<i>Heteropanax fragrans</i> (Roxb.) Seem.	Araliaceae	As: Kecheru Kh: Tun-kecheru	Bark Roots Leaves	Medicinal Food
132	<i>Hibiscus rosa-sinensis</i> L.	Malvaceae	As: Ronga-joba Kh: Tun-mokphung	Leaves Flower Plant	Medicinal Religious Horticulture Miscellaneous
133	<i>Hibiscus mutabilis</i> L.	Malvaceae	As: Thol podum Kh:	Plant Flower	Ornamental Religious
134	<i>Hibiscus sabdariffa</i> L.	Malvaceae	As: Tenga-mora Kh: Tun-kyengkyang	Leaves Calyx Shoots	Medicinal Religious Horticulture
135	<i>Houttuynia cordata</i> Thinb.	Saururaceae	As: Mochundari Kh: Pe-che-hum	Plant	Food Economical
136	<i>Hydrocotyle sibthorpioides</i> Lam.	Apiaceae	As: Saru-manimuni Kh: Panang-lung	Plant	Food Medicinal
137	<i>Impatiens balsamina</i> L.	Balsaminaceae	As: Dem-deoka Kh: Pa-kao	Leaves Flowers	Medicinal Religious
138	<i>Impatiens glandulifera</i> Roylei	Balsaminaceae	As: Koria bijol Kh:	Plant	Horticultural
139	<i>Impereta arundinaceae</i> Cyrill.	Poaceae	As: jati-kher Kh: Kha-noi, Kha-phi	Leaves	Miscellaneous
140	<i>Ipomea aquatica</i> Forsk.	Convolvulaceae	As: Kolmou Kh: Phak-innam, Pa-pung, Phak-pung	Lentil Shoot	Medicinal Food Economic
141	<i>Ipomea batatas</i> (L.) Lam.	Convolvulaceae	As: Mitha-alu Kh: Man-phang, man-ban	Leaves Shoots	Food Economic
142	<i>Jasminum</i>	Oleaceae	As: Aakhoi ful	Flower	Religious

	<i>elongatum</i> (Bergius) Willd.		Kh:		
143	<i>Jasminum sambac</i> (L.) Aiton	Oleaceae	As: Bat duamali Kh:	Flower	Religious
144	<i>Jatropha gossipifolia</i> L.	Euphorbiaceae	As:Bhat-era Kh:Tun-kongnyeng	Leaves Seeds	Food Miscellaneous
145	<i>Justicia adkatoda</i> L.	Acanthaceae	As:Boga-bahok Kh:Mow-la	Leaves	Medicinal
146	<i>Kalanchoe pinnata</i> (Lamk.) Pers.	Crassulaceae	As:Dupor-tenga Kh:Ya-chum-richi	Leaves	Medicinal
147	<i>Lablad purpureus</i> (L.) Sw.	Fabaceae	As: Urohi Kh:Tho-theo	Fruit	Food Economical
148	<i>Lagenaria siceraria</i> (Molina) Standley	Cucurbitaceae	As: Pani-lao Kh:	Fruit Shoots	Food Medicinal Economical
149	<i>Lagerstroemia speciosa</i> Pers.	Lythraceae	As: Ajar Kh:Tun-hup-pha	Flower Plant	Religious Ornamental
150	<i>Lasia spinosa</i> (L.) T hrew.	Aracaceae	As: Cheng-mora Kh: Pa-nammou	Leaves	Food Economical
151	<i>Lawsonia inermis</i> L.	Lytharaceae	As: Jetuka Kh:Tun-hak	Leaves	Medicinal
152	<i>Leonurus japonicus</i> Houtt.	Lamiaceae	As:Ronga-doron Kh:Block-runnyes	Root Leaves	Medicinal
153	<i>Leucas indica</i> (L.) Br. ex Vatke	Lamiaceae	As:Doron Kh:Block-ron, Nua-nu	Root Leaves	Medicinal Food
154	<i>Litchi chinensis</i> Sonn	Sapindaceae	As: Lichu Kh:	Fruit	Food Economical
155	<i>Litsea salicifoli</i> (Nees) Hook. fil.	Lauraceae	As:Digh-lati Kh:Mi-phit-nam	Leaves	Medicinal Food Economical
156	<i>Livistona jenkinsiang</i> Griff	Arecaceae	As:Tokou Kh: Tun-kou	Fruit Leaves	Food Miscellaneous
157	<i>Ludwigia</i>	Onagraceae	As:Panikhutura	Shoot	Food

	<i>abscendens</i> (L.) Hara		Kh:Phak-homnam	Leaves	Economical
158	<i>Luffa aegyptiaca</i> Mill.	Cucurbitaceae	As:Bhul Kh:Bhul	Shoot Flower Fruit	Food Economical Miscellaneous
159	<i>Luffa acutangula</i> (L.) Roxb.	Cucurbitaceae	As: Jika Kh:Po-noi-chum	Fruit	Food Economical
160	<i>Lygodium flexuosum</i> (L.) Sw.	Lygodiaceae	As:Kopou-dhekia Kh:Phak-kutthao-nuk	Shoot Leaves	Food
161	<i>Machilus odoratissima</i> Nees	Lauraceae	As: Sum Kh:Tun-mak-naj	Leaves Plants Wood	Medicinal Cultivation Miscellaneous
162	<i>Magnolia sphenocarpa</i> (William Roxburgh)	Magnoliaceae	As: Borhom-thuri Kh:Tun-lukchak	Shoots Leaves Stem	Food Miscellaneous
163	<i>Malva verticillata</i> L.	Malvaceae	As: Lofa Kh:Pumun	Shoots Leaves Stem	Food Medicinal Economical
164	<i>Magifera indica</i> L.	Anacardiaceae	As: Aam Kh:Mak-moumung	Fruit Leaves	Food Medicinal Economical
165	<i>Malvaviscus arboreus</i> var. arboreus	Malvaceae	As: Tilinga ful Kh:	Flower	Religious
166	<i>Manihot utilissima</i> Crantz	Euphorbiaceae	As:Simolu alu Kh:Man-lio	Fruit Leaves	Food Medicinal Economical
167	<i>Maranta arundinaceae</i> L.	Maranthaceae	As:Tora-alu Kh:Man-tongching	Rhizomes	Food Economical
168	<i>Marsilea minnata</i> L.	Marsileaceae	As:Pani-tengechi Kh:Ya-checheng	Leaves	Food
169	<i>Mazus pumilus</i> (Burm. f.) Steenis	Mazaceae	En:Japanese mazus Kh:	Plant	Medicinal
170	<i>Melastoma</i>	Melastomaceae	As: Phutuka	Fruit	Food

	<i>malabathricum</i> L.	e	Kh:Thao-phu- aning	Stem	Miscellaneous
171	<i>Melia azedarach</i> L.	Meliaceae	As:Ghora- neem Kh:Tun-maa	Leaves	Food Medicinal
172	<i>Mesua ferrea</i> L.	Clusiaceae	As:Nahor Kh:Blok-cheng	Twig Flower Plant Wood Seeds	Ornamental Religious Miscellaneous
173	<i>Meyna laxiflora</i> Robyns.	Rubiaceae	As:Khotora Kh:Ma-nyow	Leaves	Food Economical
174	<i>Mikania micrantha</i> Kunth	Asteraceae	As: China-lota Kh:Thao-khe	Leaves Shoots Plants	Medicinal Food
175	<i>Mimosa pudica</i> L.	Mimosaceae	As: Nilaji-bon Kh:Ya-non	Root	Medicinal
176	<i>Mimusops elegni</i> L.	Sapotaceae	AsBokul: Kh:Block-chip- rip	Bark Fruit Flower	Medicinal Food Miscellaneous
177	<i>Mirabilis jalapa</i> L.	Nyctaginaceae	As:Godhuli- gopal Kh:Blok-kham	Plant Flower	Ornamental Religious
178	<i>Momordica charantia</i> L.	Cucurbitaceae	As:Tita-kerela Kh: Mak- khaikhum	Shoots Fruits	Food Economical
179	<i>Momordica cochinchinensis</i> (Lour.) Spreng.	Cucurbitaceae	As:Bhat-kerela: Kh:Mak- khaikhou	Shoots Fruits	Food Economical
180	<i>Monochoria hastaefolia</i> Presl.	Potenderiaceae	As:Bhat- meteka Kh:Hoo-pi-nin	Leaves	Food Economical
181	<i>Monochoria veginalis</i> (Burm.f.) C.Presl e x <u>Kunth</u>	Potenderiaceae	As:Norameteka Kh:Phak-kham	Leaves	Food Economical
182	<i>Morinda pterigosperma</i> Gaertn. nom. illeg.	Moringaceae	As: Sajina Kh:Kan-cheo- lien	Root Fruit	Medicinal Food
183	<i>Morus indica</i> Roxb.	Moraceae	As:Nuni Kh:Mo-mon-kai	Leaves Fruit	Food
184	<i>Murraya koenigii</i>		As: Narasingha	Root	Medicinal

	(L.) Spreng.	Rutaceae	Kh:Tun- phiphan	Leaves	Food
185	<i>Musa balbisiana</i> <u>Colla 1820</u>	Musaceae	As:Athia-kol Kh:Kui-hui	Fruit	Medicinal Food Miscellaneous
186	<i>Musa paradisiaca</i> L.	Musaceae	As:Kach-kol Kh:Kuin-chum	Fruit	Food
187	<i>Mussadena roxburghii</i> Hook. F.	Rubiaceae	As: Hukloti Kh:Nai, Ya- huknai, Ya-nai	Shoot Leaves	Food
188	<i>Natsiatum herpeticum</i> Buch.- Ham.	Icacinaceae	As:Hukati-lota Kh:Chik- konthen	Shoot Leaves	Medicinal Food
189	<i>Nelumbo nucifera</i> <u>Gaertn.</u>	Nelumbonaceae	As: Podum Kh:Mok-mu	Flower Plant	Religious Ornamental
190	<i>Nerium indicum</i> Mill.	Apocynaceae	As:Korobi Kh:	Flower Plant	Religious Ornamental
191	<i>Nicotina tabaccum</i> L.	Solanaceae	As:Dhopat-gos Kh:Ya-phai	Leaves	Food Economical
192	<i>Nyctanthes arbor- tristis</i> L.	Oleaceae	As:Sewali-phul Kh:Blok- pampung	Root Flower Plant	Medicinal Food Religious Ornamental
193	<i>Nymphaea nouchali</i> <u>Burm. f.</u>	Nymphaeaceae	As:Bhet Kh:Blok- pampung	Flower Plant	Religious Ornamental
194	<i>Ocimum bacilicum</i> L.	Lamiaceae	As:Ramtulashi Kh:Im-khim- phouk	Leaves and shoots	Medicinal
195	<i>Ocimum sanctum</i> L.	Lamiaceae	As : Tulashi Kh:Im-khim- nap	Leaves and shoots	Medicinal
196	<i>Oldenlandia corymbosa</i> L.	Rubiaceae	As:Bon-jaluk Kh:Pa-ta-pa	Shoot Leaves Plant	Medicinal Vegetable
197	<i>Oroxylum indicum</i> (L.) Vent.	Bignoniaceae	As:Bhat-ghila Kh:Lin-faa	Roots	Medicinal
198	<i>Oxalis acetosella</i> L.	Oxalidaceae	As:Bor- tengechi Kh: Cheng- kachum	Plant	Medicinal Food Economical

199	<i>Oryza sativa</i> L.	Poaceae	As:Dhan Kh:Khao	Grains Straw	Food Miscellaneous
200	<i>Paederia foetida</i> L.	Rubiaceae	As: Bhedai-lota Kh:Thao-min-tut	Leaves	Medicinal Food
201	<i>Papaver somniferum</i> L.	Papaveraceae	As:Kani Kh: Ya-fin	Leaves	Food
202	<i>Papilionanthe teres</i> (Roxb.) Schltr.	Orchidaceae	As:Bhatou-phul	Plant	Ornamental
203	<i>Parthenium hysterophorus</i> L.	Asteraceae	As:Congress Grass Kh:	Plant	Miscellaneous
204	<i>Pandanus tectorius</i> <u>Parkinson ex Du Roi</u>	Pandanaceae	As:Keteki-ful Kh: Che-la-wa	Plant Flower	Ornamental Religious
205	<i>Perilla ocimoides</i> L.	Lamiaceae	As:Noga-till Kh:Nga-khakhang	Seeds	Food
206	<i>Phaseolus mungo</i> L.	Fabaceae	As:Mati mah Kh:Thino-nin	Seeds	Food
207	<i>Phaseolus radiatus</i> L.	Fabaceae	As:Mogu-mah Kh:Thou-khou	Seeds	Food
208	<i>Phlogacanthus thyrsoflorus</i> (Roxb.) Nees	Acanthaceae	As: Tita ful Kh:Paet khum	Flower	Food Economical
209	<i>Phrynium pubinerve</i> Bl.	Maranthaceae	As: Kowpat Kh:Tong-ching	Leaves	Miscellaneous Religious
210	<i>Phyllanthus acidus</i> (L.) Skeels	Euphorbiaceae	As:Pora-amlok bhi, pamlokhi Kh:Ma-kham	Fruit	Food Economic
211	<i>Piper betle</i> L.	Piperaceae	As:Paan Kh:Thao-maopu	Leaves	Food Economic
212	<i>Piper nigrum</i> L.	Piperaceae	As:Jaluk Kh:Mi-phitloun	Fruit	Food Medicinal
213	<i>Piper sylvaticum</i> Roxb.	Piperaceae	As: Hatipan Kh:Chr-beo , Thao-pan-hati	Leaves	Food Economic
214	<i>Piper thomsonii</i> (A. DC.) Hook. f.	Piperaceae	As: Aoni-pan Kh:Thao-	Leaves	Food Economic

			panaoni		
215	<i>Plantago major</i> L.	Plantaginaceae	As: Pani-singia Kh:Tun-pa-thaloo	Leaves	Food Medicinal
216	<i>Polygonum chinense</i> L.	Polygonaceae	As: Modhu-suleng Kh:Phak-chumrao	Leaves Shoots	Food Economic
217	<i>Portulaca oleracea</i> L.	Portulacaceae	As: malbhugkhutara Kh:Phak-cannan	Plant	Food Economic
218	<i>Prunus jenkinsii</i> Hook. f. Th.	Rosaceae	As: Thereju-tenga Kh:Tun-makdam	Fruit	Food Economic
219	<i>Prunus persica</i> (L.) Batsch 1801 not Stokes 1812 nor (L.) Siebold & Zucc. 1845	Rosaceae	As: Nora bogori Kh: Mak-moun	Fruit	Food Economic
220	<i>Pseudostachyum polymorphum</i> Munro	Poaceae	As:Tomal-banh Kh:Mai-chai	Culm	Miscellaneous
221	<i>Psidium guajava</i> L.	Myrtaceae	As:Madhuri-am Kh:Mak-ma, Ma-naw-klam,	Fruit Leaves	Food Economic Medicinal
222	<i>Punica granatum</i> L.	Puniaceae	As: Dalim Kh:Mak-dalim, Mak-khaonong, Tun-khapit Tun-tim	Fruit	Food Economic
223	<i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz	Apocynaceae	As:Ashok-ful Kh:Bhung-ma-ya-ja	Flower Plant	Ornamental Religious
224	<i>Rosa alba</i> L.	Rosaceae	As: Golap	Flower Plant	Ornamental Religious
225	<i>Rosa multiflora</i> Thunb.	Rosaceae	As:Bonoria golap	Flower Plant	Ornamental Religious
226	<i>Rhynchochum</i>	Gesneriaceae	As:Mezenga	Leaves	Food

	<i>ellipticum</i> (Wall. ex D.Dietr.) A.DC.		Kh:Phak-kang-Kham-ring		Economic
227	<i>Rhynchostylis retusa</i> (L.) Blume	Orchidaceae	As:Kopou ful Kh: Kham-ring	Plant Inflorescence	Ornamental Miscellaneous
228	<i>Ricinus communis</i> L.	Euphorbiaceae	As: Era gos Kh:Tun- kung	Leaves	Food
229	<i>Rivina humilis</i> L.	Petiveriaceae	En: Blood berry	Fruit	Food
230	<i>Rubus moluccanus</i> L.	Rosaceae	As:Jetuli-poka Kh: Mak- pu	Leaves Fruit	Food Medicinal
231	<i>Rumex vesicarius</i> L.	Polygonaceae	As:Suka xak Kh:Phak-khum-chum	Plant	Food Economic
232	<i>Saccharum officinarum</i> L.	Poaceae	As:Kuhiar Kh:Tun- ooi	Stem	Food Economic
233	<i>Sapindus mukorossi</i> Gaertn.	Sapindaceae	As: Moni-chal Kh: Tun mok-chal	Seed	Miscellaneous
234	<i>Saraca asoca</i> (Roxb.) Willd	Fabaceae	As:Ashok-gos Kh: Tun-mok-ngong	Bark Plant	Medicinal Ornamental
235	<i>Sarcochlamys pulcherrima</i> (Roxb.) Gaudich.	Urticaceae	As:Mechaki Kh:Pa-kenchang, Phakkam-chang	Leaves	Food
236	<i>Scoparia dulcis</i> L.	Plantaginaceae	As:Kukura-til Kh:Nga- kai	Plant	Food
237	<i>Salaginella strovirides</i> Sensu Burkill	Selaginellaceae	As:- Hunali Dhekia Kh:- Pha-kut, Phu-kut, Pu-kut	Shoot Leaves	Food Miscellaneous
238	<i>Sesamum indicum</i> L.	Pedaliaceae	As: Till Kh: Mak-nam	Seed	Food
239	<i>Shorea robusta</i> Roth	Dipterocarpaceae	As:Sal Kh:Mai-sak	Wood	Miscellaneous
240	<i>Smilax perfoliata</i> Lour.	Smilacaceae	As:Tikoni-borua	Leaves Shoot	Food Miscellaneous

			Kh:Nam-kanghang	Stem	Medicinal
241	<i>Solanum indicum</i> L.	Solanaceae	As:Sorutitabhekuri Kh:Mehaeng	Fruit	Food Economical
242	<i>Solanum khasianum</i> C.B.clarke	Solanaceae	As: Kutahi bengena Kh:Toun makkhou	Fruit	Food
243	<i>Solanum lycopersicum</i> L.	Solanaceae	As:Bilahi Kh:Mak-khusoum	Fruit	Food Economical
244	<i>Solanum melongena</i> L.	Solanaceae	As: Bengena Kh:- Mak-khru, Mak-khu	Fruit	Food Economical
245	<i>Solanum melongena</i> <i>var.depressum</i> L.	Solanaceae	As:Khorua bengena Kh: Toun makkhou	Fruit	Food Economical
246	<i>Solanum torvum</i> Sw.	Solanaceae	As: Hati-bhekuri Kh: Me-heng-chang	Fruit	Food Economical
247	<i>Sphaerostephanos unitus</i> (L.) Holttum	Thelypteridaceae	As:Bih-longoni Kh:Phakkut-phiet	Plant	Food
248	<i>Spathoglottis plicata</i> Blume	Orchidaceae	As:Mati kopou	Plant	Ornamental
249	<i>Spilanthes paniculata</i> Wall. ex DC.	Asteraceae	As: Jiva-gutigos, hu-huwoni-bon Kh:Ya-mok-laeng	Flower	Medicinal
250	<i>Spondias pinnata</i> (L.f.) Kurz	Anacardiaceae	As:Amora Kh:Mak-nu-kok,Mak-kak	Fruit	Food Economical
251	<i>Stellaria media</i> (L.) Vill.	Caryophyllaceae	As: Morolia-sak Kh:Po-chon	Plant	Food
252	<i>Stixis</i>	Resedaceae	As:Madhoi-	Plant	Ornamental

	<i>suaveolens</i> (Roxb.) Baill.		maloti Kh:Thao- mathoi	Flower	Religious
253	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	As:Kola-jamu Kh:Tow	Fruit	Food Economical
254	<i>Syzygium jambos</i> L. (Alston)	Myrtaceae	As: Bogijamuk Kh:Chep-phouk	Fruit	Food Economical
255	<i>Tabernaemontana</i> <i>divaricata</i> R.Br. ex Roem. & Schult.	Apocynaceae	As:- Togor En:Penwheel flower	Plant Flower	Ornamental Religious
256	<i>Tagetes</i> <i>erecta</i> L.	Asteraceae	As:Narji Kh:Mok-khan- kon	Plant Leaves Flower	Medicinal Ornamental Religious
257	<i>Tamarindus</i> <i>indica</i> L.	Fabaceae	As: Teteli Kh:-Mak-kyeng	Fruit	Food Economical
258	<i>Telanthera ficoidea</i> (L.) Moq.	Amaranthacea e	As: Brinda-bon Kh:Mokbrinda	Leaves	Medicinal
259	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Combretaceae	As:Bhumura Kh:Tun- mai-pu-mun	Fruit	Food Economical
260	<i>Terminalia</i> <i>chebula</i> Retz.	Combreta ceae	As:Silikha Kh:Pa-na	Fruit	Food Economical
261	<i>Terminalia</i> <i>myriocarpa</i> Van Heurck and Mull.Arg	Combretaceae	As: Sholok Kh: Mai-kaa	Wood	Economical
262	<i>Thunbergia</i> <i>grandiflora</i> (Roxb. ex Rottler) Roxb.	Acanthaceae	As: Nil-kantha ful Kh:	Leaves	Medicinal Food
263	<i>Thymus</i> <i>vulgaris</i> L.	Lamiaceae	En:Garden thyme Kh:	Plant	Ornamental
264	<i>Thysanolaena</i> <i>latifolia</i> (Roxb. ex Hornem.) Honda	Poaceae	As:Jaru-bon Kh:Tuntheom	Leaves Panicles	Food Miscellaneous Economical
265	<i>Tinospora</i> <i>cordifolia</i> (Thunb.) Miers	Menispermace ae	As: Shaguni- lota Kh:Thao-mou	Root	Medicinal

266	<i>Trapa natans</i> L.	Lythraceae	As: Pani-singori Kh:Tun-mai-quo-tat	Fruit	Food
267	<i>Uraria logopoides</i> Dc.	Leguminosae	As: Hiyal-nejia ful	Plant Flower	Ornamental Religious
268	<i>Vigna cylindrica</i> (L.) Skeels	Fabaceae	As: Lecheramah Kh:Thao-chai	Fruit	Food Economical
269	<i>Vinca major</i> L.	Apocynaceae	As:Nayantora kh:	Plant Flower	Ornamental Religious
270	<i>Zanthoxylum oxyphyllum</i> Edgeworth	Rutaceae	As: Mezenga Kh: Pa-kan-chyang	Leaves	Food Economical
271	<i>Zea mays</i> L.	Poaceae	As: Makoi ,Gum-dhan Kh: Ma-koi	Corn	Food Economical
272	<i>Zingiber capitatum</i> Roxb.	Zingiberaceae	As:Bon-ada Kh:-Khing-bok	Inflorescence	Food
273	<i>Zingiber officinale</i> Roscoe	Zingiberaceae	As: Ada Kh:Khing	Rhizome	Food Medicinal Economical
274	<i>Zizyphus rugosa</i> Lam.	Rhamnaceae	As:Bihuti bogori	Fruit	Food

Table 2: List of plants against their ethnobotanical uses including their vernacular name and plant parts used

MEDICINAL ASPECTS:

99 species belonging to 97 genera 52 families have found to be used as medicinal plant. Of these 72 species are also used in other purposes.

The prescriptions can be divided into the following categories according to the curative qualities they are linked to:-

Cut wounds, swellings and skin diseases, digestive system problems, gynaecological disorders, nocturnal diseases, pain and fevers, respiratory disorders, urinogenital disorders etc

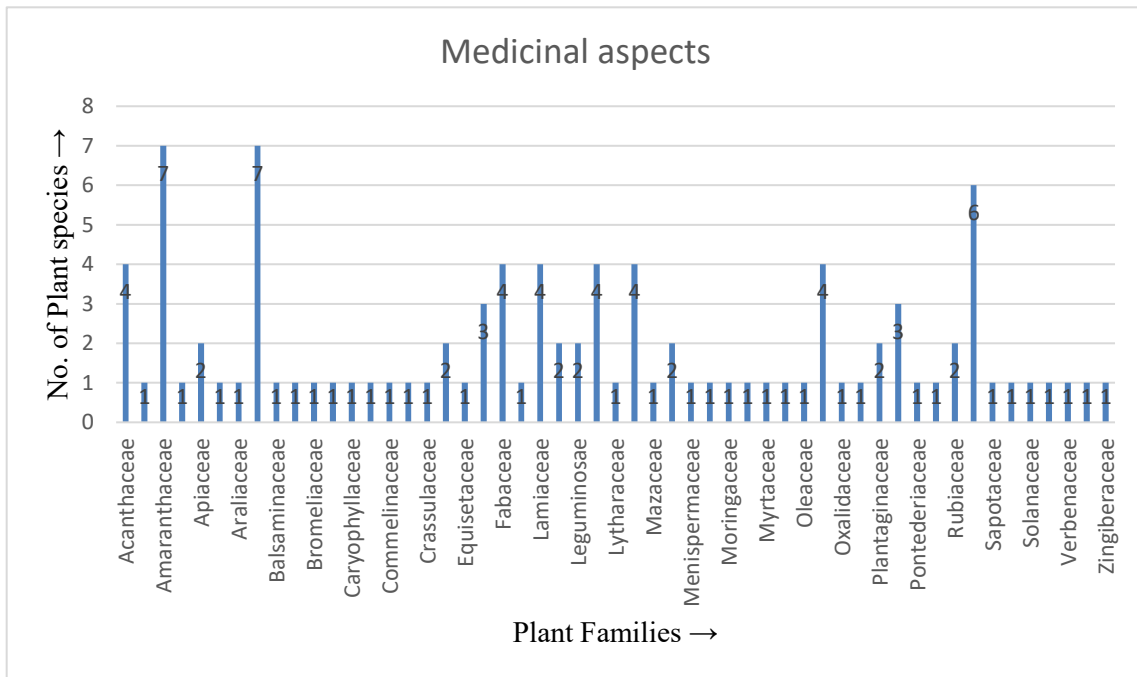


Fig. 2: No. of Plant species against each family towards medicinal aspects

FOOD AND DRINK:

144 species belonging to 110 genera have been reported to be used as food and drink. Of these, 124 species are also used in other purposes

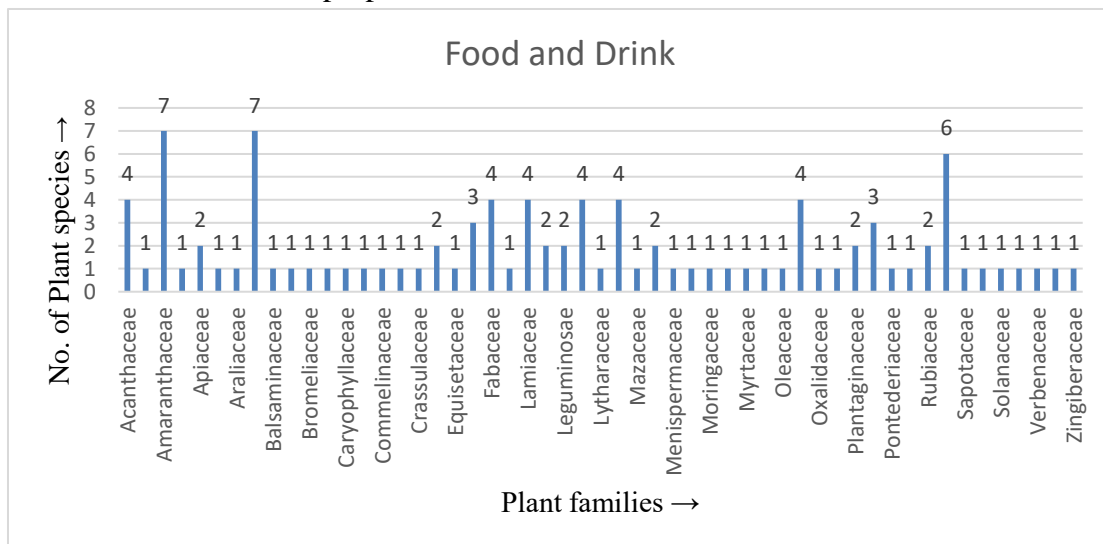


Fig. 3: Histogram showing No. of Plant species against each family with regard to Food & Drinks

RELIGIOUS:

46 species belonging to 40 genera have reported among which 36 species were used in other purpose. In religious texts of the community several species were mentioned as directly associated with Lord Buddha; among them 34 species could be identified in the area.

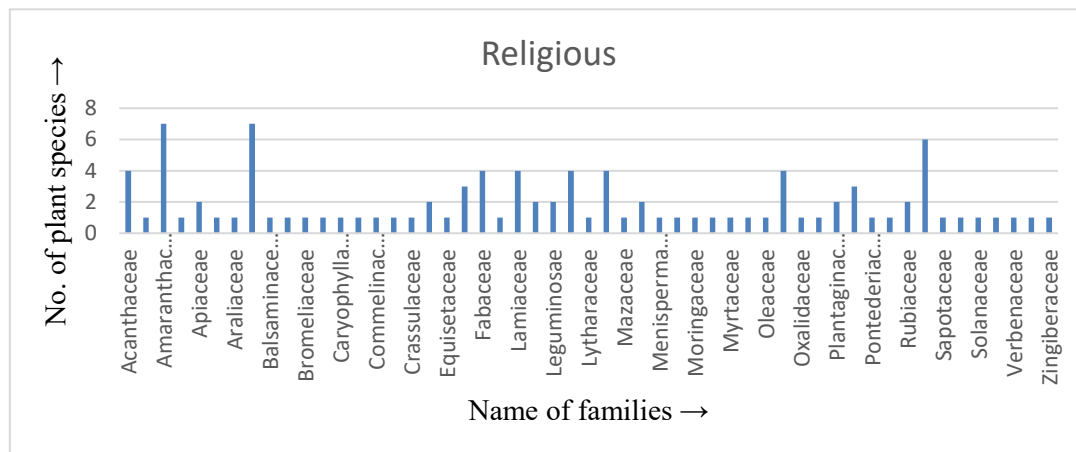


Fig. 4: Histogram showing No. of Plant species against each family used for religious aspects

MISCELLANEOUS:

There are certain applications of plants that are not clearly covered in any of the categories above and are thus retained in this section. 50 species of 44 genera are used on miscellaneous purposes. It includes the plants used in making household ornaments; plants used in smoking, rope making, fencing etc.

CONCLUSION

The present work on “Ethnobotany of Tai-Khamtis of Lakhimpur District; Assam”; contains the ethnobotanical uses of plants among the Tai-Khamtis by doing several field visits and studying several works on their culture, religion, plants etc.

Either interviewing the informants and then verifying the information, or by observing the actual usage, was the basic process for getting the data. All of the plants utilised by the Tai-Khamtis had voucher specimens gathered for them, and these specimens were correctly identified by comparison with specimens in the North Lakhimpur College (Autonomous) herbaria, according to information on that herbarium on the Botanical Survey India website. For the purpose of highlighting the main results, the data were examined in conjunction with all prior noteworthy publications.

A detailed list of 274 plant species that were observed during field study has been provided, including the scientific name with family, significant synonym(s), local name(s), plant parts used and purpose of use.

The ethnobotany of the Tai-Khamtis of Lakhimpur district, Assam, is the subject of the current study, which takes a systematic method. The ecology, cultural legacy, religion, and linguistics of the Tai-Khamti tribe that calls the Lakhimpur district home were also considered in for the study. The inquiry includes looking at the local plant species that the Tai-Khamtis use for a range of things, including food, medicine, crafts, leisure, and trade. The current study lists a sizable number of plant species that have historically been employed by the tribe and have important roles to perform in their lively hood

Future prospect:

The study found that the region is rich in Floristic plants, which might help with future ethnobotanical research. The religious texts of Tai-Khamtis include names of plants associated with Buddha, the finding of those plants in the study region can be a future topic of ethnobotanical research.

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