# **PEOPLE'S BIODIVERSITY REGISTER RUALALUNG**

**Compiled by** Members of Biodiversity Management Committee, Rualalung &

**Mizoram State Biodiversity Board Office of Chief Wildlife Warden Environment, Forest & Climate Change Department** MINECO, Khatla, Aizawl Mizoram

# PART – I

# 1. The Biological Diversity Act, 2002 & Rules, 2004

The Biological Diversity Act, 2002 (No. 18 of 2003) was notified by the Government of India on 5<sup>th</sup> February, 2003. The Act extends to the whole of India and reaffirms the sovereign rights of the country over its biological resources. Subsequently the Government of India published Biological Diversity Rules, 2004 (15<sup>th</sup> April, 2004). The Rules under section 22 states that 'every local body shall constitute a Biodiversity Management Committee (BMC) within its area of jurisdiction'.

# 2. People's Biodiversity Registers and role of the Biodiversity Management Committee

The mandate of the Biodiversity Management Committee has been clearly highlighted in the Biological Diversity Rules 2002 as follows:

- > The main function of the BMC is to prepare People's Biodiversity Register in consultation with the local people. The register shall contain comprehensive information on availability and knowledge of local biological resources, their medicinal or any other use.
- The other functions of the BMC are to advice on any matter referred to it by the State Biodiversity Board or Authority for granting approval, to maintain data about local vaids and practitioners using the biological resources.
- The Authority shall take steps to specify the form of People's Biodiversity Registers, and the particulars it shall contain and the format for electronic database.
- The Authority and the State Biodiversity Boards shall provide guidance and technical support to the Biodiversity Management Committees for preparing People's Biodiversity Register.
- > The People's Biodiversity Registers shall be maintained and validated by the Biodiversity Management Committees.

# 3. People's Biodiversity Registers and role of National Biodiversity Authority (NBA)

The National Biodiversity Authority shall provide guidance and technical support to the Biodiversity Management Committee (BMC) for preparing People's Biodiversity Register.

# People's Biodiversity Registers and the role of State Biodiversity Board (SBB)

The State Biodiversity Board (SBB) would provide necessary training to the technical Support Group (TSG) of the district and enable smooth functioning and aid in networking for creation and maintenance of People's Biodiversity Registers (PBR).

# People's Biodiversity Registers and Role of the Technical Support Group (TSG)

The Technical Support Group (TSG) will consist of experts from various disciplines and line departments, universities, research institutes, colleges and schools and non-governmental organizations. The Technical Support Group will provide technical inputs and advice to the BMC's on identification of plants and animals, monitor and evaluate the PBR exercise, examine confidential information and advice on legal protection, maintain a database of local and external experts on biodiversity.

# 4. People's Biodiversity Registers (PBR)

Being a mega biodiverse country, India is very rich in biological and cultural diversity. It is also a home of many tribal groups, pursuing different kinds of nature based livelihoods. In addition, a large number of farming, fishing communities, and nomadic group possessed traditional knowledge of varying degrees. The development of modern science and technology in biotechnology and information technologies have increased the value of biodiversity and associated knowledge including traditional knowledge (TK). The growing importance of biodiversity, bio-resources and associated knowledge is fairly well understood. The first step towards conservation is sustainable utilization of biodiversity and its documentation. Biodiversity and associated knowledge is found in different ecosystems under different legal management regimes and hence the results and the manner of documentation will also differ.

The present manual guidelines have been drafted taking into consideration different ecosystems and include the rural, urban and protected areas. The guidelines may be customized and further information may be added to enrich the effort. It is important to keep in mind some of the issues related to PBRs:

- ▶ It is to be undertaken in a participatory mode involving varying sections of village society
- > While documenting the PBR, knowledge and views of both genders are to be recorded
- Information's provided by the community should be collated, analyzed and crosschecked by the members of the Technical Support group (TSG) before documentation
- > PBR is important base document in the legal arena as evidence of prior knowledge and hence careful documentation is necessary
- The document should be endorsed by the BMC and later publicized in the Gram Sabha/Grma Panchayat/Panchayat Samiti. The document can be a very useful tool in the management and sustainable use of bio-resources. The document can also be a very useful teaching tool for teaching environmental studies at schools, colleges and university level.
- > The document should be periodically updated with the additional and new information as and when generated.

# 4.1 The PBR Process

The preparation of People's Biodiversity registers (PBR) involves the active support and cooperation of a large number of people who need to share their common as well as knowledge (traditional knowledge). The first and foremost important task for preparing a PBR is organizing a group meeting to explain the objectives and purpose of the exercise. Different social groups in the village need to be identified for purpose of data collection from those groups. In an urban situation, spots where biodiversity are important need to be identified for the purpose of the study and documentation. The documentation process includes information gathered from individuals through detailed questionnaire; focused group discussion with person's having knowledge and published secondary information.

# 4.2 Documentation and Traditional Knowledge (TK) related to biodiversity

Documentation of knowledge of individuals with regard to biodiversity and its uses is an important part of PBR. Every effort should be made to identify the persons with proven knowledge of local biodiversity; special attention should be given to the elderly persons who can also provide information on the biodiversity which was available in the past but no longer seen at present. In some cases focus group discussion may be held for the purpose of documentation.

# 4.3 **PBR Methodology**

The PBR is a participatory process requiring intensive and extensive consultation with the people. The objectives and purpose is to be explained in a group meeting in the presence of all sections of people in the Panchayat, members of the BMC, students, knowledgeable individuals and those interested in the effort. Documentation includes photographs (including digital images), drawings, audio and video recordings and other records like printed material.

## 4.4 **Process in PBR Preparation**

- **Step I** : Formation of Biodiversity Management Committee (BMC)
- **Step II** : Sensitization of the community/local people about the study, survey and possible management
- **Step III** : Training of members in identification and collection of data on biological resources and traditional knowledge
- **Step IV** : Collection of data. Data collections includes review of literature on the natural resources of the districts, Participatory Rural Appraisal (PRAs) at village level, household interviews, individual interviews with village leaders and knowledgeable individuals, household heads, key actors of the panchayat raj institutions and NGOs and direct field observations
- **Step V** : Analysis and validation of data in consultation with technical support group and BMC
- **Step VI** : Preparation of People's Biodiversity Register (PBR)
- **Step VII** : Computerization of information and resources.

# General Details of People's Biodiversity Register (PBR) of Rualalung

Name of the village	:	Rualalung
Block	:	Lungsen
District	:	Lunglei
State	:	Mizoram
Geographical Area of the Panchayat Samity	:	11 sq.kms
Population under the Panchayat Samity	:	585
Male	:	307
Female	:	278
Habitat and Topography	:	Tropical evergreen forest, Hilly terrain & Plain
Climate (Rainfall, Temperature and other weather patterns)	:	7°C - 40°C (temp); 2000-3500 mm (Rainfall)
Land use (Nine fold classification available with village records)	:	Agriculture/Farming
Date, Month and Year of PBR preparation	:	January 2022
Management Regime: Reserve Forests (RF)/ Joint Management (JM)/Protected areas (PA)/ Community Owned and Managed Forests (COM)	:	RF, COM

# Annexure I

Details of the BMC members of the Panchayat (One elected chairperson and six persons nominated by the local body; not less than one third to be women and not less than 18% belonging to SC/ST)

1.	Name of the Chairman	:	C. Lalremliana	2.	Name	:	KV. Luimawia
	Age	:	60		Age	:	45
	Gender	:	Male		Gender	:	Male
	Address	:	Rualalung		Address	:	Rualalung
	Area of specialization	:	Farming		Area of specialization	:	Farming
3.	Name	:	F. Lalfakawma	4.	Name	:	Jony Lalkhawliana
	Age	:	38		Age	:	50
	Gender	:	Male		Gender	:	Male
	Address	:	Rualalung		Address	:	Rualalung
	Area of specialization	:	Farming		Area of specialization	:	Govt Service
5.	Name	:	LP. Vanlaldanglova	6.	Name	:	Ngurthanpari
	Age	:	30		Age	:	58
	Gender	:	Male		Gender	:	Female
	Address	:	Rualalung		Address	:	Rualalung
	Area of specialization	:	Farming		Area of specialization	:	Farming

7.	Name	:	Lalnunnemi
	Age	:	50
	Gender	:	Female
	Address	:	Rualalung
	Area of specialization	:	Farming

# Annexure II

List of Vaids, hakims and traditional healthcare (human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village.

5	U		
Name		:	NIL
Age		:	
Gender		:	
Address		:	
Area of spec	cialization	:	
Location fro	om which the person		
accesses bio	ological material	:	
Perception of	of the practitioner		
on the resou	irce status	:	

# Annexure III

List of individuals perceived by the villagers to possess Traditional knowledge (TK) related to biodiversity in agriculture, fisheries and forestry.

Name	:	NIL
Age	:	
Gender	:	
Address	:	
Area of Specialization	:	
Annovuro IV		

## Annexure IV

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR

1) Contact F	Person :	Dr. Lalneihpuia Chhakchhuak
Name and	d Address :	Technical Assistant
		Mizoram State Biodiversity Board
2) Contact F	Person :	Derrick Zothanmawia
Name and	d Address :	Field Assistant
		Mizoram State Biodiversity Board

# PART - II

# AGROBIODIVERSITY

# **Format 1 : Crop Plants**

1	2	3	4	5	6	7	
Сгор	Scientific Name	Local Name	Variety	Landscape/	Approx. area	Local S	tatus
				Habitat	sown	Past	Present
Turmeric	Curcuma longa	Aieng	Local	Hilly terrain, Jhum land	Not measured	Frequent	Frequent
Para cress	Acmella paniculata	Ankasa	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Mustard	Brassica rapa	Antam	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Deccan hemp	Hibiscus cannabinus	Anthur	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
White or Winged yam	Dioscorea alata	Bachhim	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Wild coriander	Eryngium foetidum	Bahkhawr	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Perennial herb	Colocasia sp	Baibing	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Taro	Colocasia esculenta	Bal	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Brinjal	Solanum melongena	Bawkbawn	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Lady's finger	Abelmoschus esculentus	Bawrhsaiabe	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Cow pea	Vigna unguiculata	Behlawi	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Pigeon pea	Cajanus cajan	Behliang	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Soyabean	Glycine max	Bekang	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Snake gourd	Trichosanthes anguina	Berul	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Rice	Oryza sativa	Buh	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Bitter gourd	Momordica charantia	Changkha	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
White durra	Sorghum cernuum	Chhawhchhi	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Cucumber	Cucumis sativas	Fanghma	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Birds eye chilli	Capsicum frutescens	Hmarchate	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Aromatic herb	Elsholtzia communis	Lengser	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Pumpkin	Cucurbita maxima	Mai/Maian	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Ash gourd	Benincasa hispida	Maipawl	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Spiny bitter tomato	Momordica cochincinensis	Maitamtawk	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
-	Clerodendrum colebrookianum	Phuihnam	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Wild basil	Ocimum americanum	Runhmui	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Bitter tomato	Solanum aethiopicum	Samtawk	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Ginger	Zingiber officinale	Sawhthing	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Tobacco plant	Nicotiana tabacum	Vaihlo	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent
Maize	Zea mays	Vaimim	Local	Hilly terrain, Jhum land	-do-	Frequent	Frequent

	9	10	11	12	13	14
Special Features	Cropping	Uses	Associated TK	<b>Other Details</b>	Source	Community
	Season				of Seeds	Knowledge
					/Plants	Holder
Rhizome is used as condiment	Mar-April	Edible	Juice of rhizome is used for stomach ulcer, jaundice, doarrhoea,	-	Local	Mizo
			dysentery, cholera, asthma, food poisoning, and also used as a tonic			
			for blood purifier			

Leaves and stems as vegetable	Mar-April	Edible	Flowers are chewed to relieve toothache and affections of the gum and throat	-	Local	Mizo
Young leaves are eaten as vegetables	Mar-April	Edible	Seeds and oil are used in medicine	-	Local	Mizo
Leaves are eaten as vegetables, curry	Mar-April	Edible	Leaves are used as diuretic, sedative, refrigerant	-	Local	Mizo
Tuber is anthelmintic	Mar-April	Edible	Tubers and bubils are used as vegetable, tuber is used in treating cancer, piles, and gonorrhoea	-	Local	Mizo
Leaves used as flavouring dishes	Mar-April	Edible	Leaves are used for expulsion of threadworms from the body, as a remedy for food poisoning. Roots and leaves are boiled and the water is drunk for malarial fever, diabetes, pneumonia, and constipation	-	Local	Mizo
Spadix is eaten cooked as vegetable	Mar-April	Edible	-	-	Local	Mizo
Corm, stem and young leaves are eaten as vegetables	Mar-April	Edible	Acrid juice is applied to wounds and bee sting. Whole plant is used for pig feed	-	Local	Mizo
Unripe fruit as vegetable	Mar-April	Edible	Root, leaves, fruits and seeds are used as medicine	-	Local	Mizo
Unripe fruit eaten as vegetable	Mar-April	Edible	Cut fruit soaked in water overnight (water) is used to control diabetes	-	Local	Mizo
Young leaves, pods and seeds as vegetable	Mar-April	Edible	Seed is useful to strengthen stomach and kills worm in the stomach	-	Local	Mizo
Tender leaves, pods as vegetable, yellow seeds as pulse	Mar-April	Edible	Leaves and seeds are medicinal, leaves as cattle fodder	-	Local	Mizo
Seeds are edible rich in protein, oils and minerals	August	Edible	Seeds are cooked, fermented and eaten as delicacies (called <i>Bekang</i> famous –traditional Mizo dish). Boiled water of seeds are given to pigs for fertility control	-	Local	Mizo
Fruit and young leaves as vegetable	Mar-April	Edible	Fruits and leaves are considered antidote for snake bite	-	Local	Mizo
Grain is the staple food	April	Edible	Chipstraw is boiled and the water is used for kidney stone and urinary problems. Rice wash water is also used for diarrhoea, dysentery	-	Local	Mizo
Young fruit and leaves are cooked or fried eaten as vegetable	Mar-April	Edible	Leaves and fruits are medicinal used to treat fever, jaundice, diabetes, dysentery, intestinal worms etc	-	Local	Mizo
-	Mar-April	Edible	Baked grains are pounded and eaten as curry	-	Local	Mizo
Fruit is edible	Mar-April	Edible	Juice of the leaves and stem are used in high blood pressure. Fruits and seeds are also medicinal	-	Local	Mizo
Fruits are condiment and leaves as vegetable	Mar-April	Edible	Juice of the fruits is applied to burns, snake bite and centipede sting	-	Local	Mizo
Leaves and flowers -are used for flavouring curry-	Mar-April	Edible	-	-	Local	Mizo
Flowers, fruit, you-ng leaves and stem are all eaten as v-egetables	Mar-April	Edible	Seeds are used to expel worms from the body	-	Local	Mizo
Fruits and tender leaves are eaten as vegetable	Mar-April	Edible	Juice of the fruit is a cure for cholera, diarrhoea, dysentery, fever, asthma, vomiting and kidney diseases. Infusion of leaves and fruit are used externally in snake bite	-	Local	Mizo
Fruit is cooked and eaten as vegetable	Mar-April	Edible	-	-	Local	Mizo
Leaves and flowers are eaten cooked as vegetable	Mar-April	Edible	Leaves are cooked with water and water is taken for hypertension, blood sugar etc	-	Local	Mizo
Leaves and flowers are used as condiment	Mar-April	Edible	-	-	Local	Mizo

Green- fruit are eaten as vegetable	Mar-April	Edible	Fruit is good for high blood pressure, skin problems and anti	-	Local	Mizo
			microbial			
Rhizomes are used as spice and	Mar-April	Edible	Tender leaves, young flowers are eaten cooked as vegetable, juice of	-	Local	Mizo
condiment, taken as cure for food			the pounded rhizomes is given to women in case of insufficient			
poisoning			supply of milk for their babies and also dropped into the ear when			
			attacked by ticks.			
-	Mar-April	Edible	Leaves are pounded, dried and used for making cigarette	-	Local	Mizo
Grains are eate-n cooked, roasted,	Mar-April	Edible	Grains and leaves are used to feed poultry, pigs and cows. Decoction	-	Local	Mizo
fried-			of the grain is used as hip bath for piles, lessen pain			

# Format 2 : Fruit plants

1	2	3	4	5	6	
Plant	Scientific name	Local name	Variety	Landscape/habitat	Local s	status
					Past	Present
Herb	Musa acuminata	Balhla	Local	Hilly Terrain	Frequent	Frequent
Herb	Ananus comosus	Lakhuihthei	Local	Hilly Terrain	Frequent	Frequent
Shrub	Citrus limon	Nimbu	Local	Hilly Terrain	Frequent	Frequent
Climber	Eleagnus pyriformis	Sarzukte	Local	Hilly Terrain	Frequent	Frequent
Shrub	Citrus maxima	Sertawk	Local	Hilly Terrain	Frequent	Frequent
Shrub	Citurs reticulata	Serthlum	Local	Hilly Terrain	Frequent	Frequent
Tree	Carica papaya	Thingfanghma	Local	Hilly Terrain	Frequent	Frequent

7	8	9	10	11	12
Source of	Season of	Associated TK	Uses	Other details	Community
seeds/plants	fruiting			Market/	Knowledge
				Own use	holder
Locally available	Mar-Dec	-	Fruit is edible	Market/own use	Mizo
Locally available	October	-	Fruit is edible	Market/own use	Mizo
Locally available	August	Fruit juice rich in vitamin C is used to treat various	Fruit is edible	Market/own use	Mizo
		diseases like stomach problems, liver diseases,			
		hypertension, diabetes etc			
Locally available	October	Decoction of root and boiled leaves is medicinal	Fruit is edible	Own use	Mizo
Locally available	Jan-Feb	Fruit is medicinal	Seeds are used for hypertension and diabetes	Market/own use	Mizo
Locally available	September	Fruit is a rich source of vitamin C, eaten by man	Water of boiled leaves used for bathing in fever	Market/own use	Mizo
Locally available	Jan – August	Ripe fruit is good for digestion. Decoction of unripe		Market/own use	Mizo
		fruit is used to cure jaundice, diabetes etc. juice of			
		boiled leaves is used to treat various type of cancer and			
		stomach problems			

# Format 3 : Fodder crop

1	2	3	4	5		
Plant	Scientific name	Local name	Landscape/habitat	Local status		
				Past	Present	
Herb	Brassica rapa	Antam	Jhum field	Frequent	Frequent	
Herb	Colocasia esculenta	Bal	Jhum field	Frequent	Frequent	
Herb	Musa acuminata	Balhla	Cultivated land	Frequent	Frequent	
Grass	Oryza sativa	Buh	Jhum field	Frequent	Frequent	
Herb	Musa sp.	Changel	Hilly terrain, fallow land	Frequent	Frequent	
Herb	Colocasia esculenta	Dawl/Bal	Cultivated and fallow land	Frequent	Frequent	
Grass	Imperata cylindrica	Di	Fallow land	Frequent	Frequent	
BroomGrass	Thysanolaena latifolia	Hmunphiah	Cultivated and fallow land	Frequent	Frequent	
Mile-a minute	Mikania micrantha	Japanhlo	Hilly terrain, fallow land	Frequent	Frequent	
Climber	Ipomoea batatas	Kawlbahra	Cultivated land	Frequent	Frequent	
Tree	Artocarpus heterophyllus	Lamkhuang	Hilly terrain, Forest	Frequent	Frequent	
Grass	Saccharum longisetosum	Luang	Cultivated and fallow land	Frequent	Frequent	
Shrub	Manihot esculenta	Pangbal	Jhum field	Frequent	Frequent	
Shrub	Carica papaya	Thingfanghma	Cultivated land	Frequent	Frequent	
Maize	Zea mays	Vaimim	Cultivated land	Frequent	Frequent	

6	7	8	9	10
Source of	Associated TK	Part Used	Other details	Community/
seeds/plants				Knowledge holder
Wild /Local	Leaves are used for pig feed	Leaves	-	Mizo
Wild /Local	Corm, leaves and stem are used for pig feed	Corm, leaves, stem	-	Mizo
Wild /Local	Stems and unripe fruit are used for pig feed	Stem, unripe fruit	-	Mizo
Wild /Local	Grains are cooked and used for pig feed	Grains	-	Mizo
Wild /Local	Stem is used for pig feed. Leaves are used for serving food when feast is prepared	Stem	-	Mizo
Wild /Local	Whole plant is used for pig feed and corm is eaten by wild boar etc. Corm, stem and young	Whole plant	-	Mizo
	leaves are eaten as vegetables. Juice of corm and leaves are medicinal			
Wild /Local	Levaes are used for cattle fodder, pig feed	Leaves	-	Mizo
Wild /Local	Flower panicles are used for making brooms, leaves are for cattle fodder	Panicles & Leaves	-	Mizo
Wild /Local	Juice of crushed leaves used for fever, stomachache, diarrhoea, dysentery, fresh cuts.	Leaves	-	Mizo
Wild /Local	Cooked leaves are used against diarrhoea, dysentery, stomach problems, diabetes etc	Leaves	-	Mizo
Wild /Local			-	Mizo
Wild /Local	Young leaves are good for cattle fodder	Leaves	-	Mizo
Wild /Local	Leaves are used for cattle fodder, pig feed	Leaves	-	Mizo
Wild /Local	Unripe fruit is used for pigs feed	Unripe fruit	-	Mizo
Wild /Local	Grains are eaten as vegetables. Used for feeding poultry and pigs	Grains & Leaves	-	Mizo

# Format 4 : Weeds

1	2	3	4	5	6
Plant	Scientific name	Local name	Affected Crop	Impact	Landscape/habitat
Herb	Vernonia cinerea	Buar	Jhum crops	-	-
Grass	Imperata cylindrical	Di	-do-	-	-
Shrub	Mimosa pudica	Hlonuar	-do-	-	-
Climber	Mucuna bracteata	Hruiduk	-do-	-	-
Climber	Mikania micrantha	Japanhlo	-do-	-	-
Climber	Hedyotis capitellata	Kelhnamtur	-do-	-	-
Herb	Centella asiatica	Lambak	-do-	-	-
Herb	Saccharum longisetosum	Luang	-do-	-	-
Grass	Chrysopogon aciculatus	Phaitualhnim	-do-	-	-
Shrub	Rubus birmanicus	Siali nu chhu	-do-	-	-
Herb	Cheilocostus speciosus	Sumbul	-do-	-	-
Shrub	Chromolaena odorata	Tlangsam	-do-	-	-
Herb	Ageratum houstonianum	Vailenhlo	-do-	-	-

7	7	8	9	10	11	12
Local	Local Status Uses if any		Management options	Associated	Other	Community/
Past	Present			ТК	details	Knowledge holder
Abundant	Abundant	Some weeds have medicinal properties	Weeding is done by using	-	-	Mizo
Abundant	Abundant	and were used for treating fresh cuts, and	hands/knives. Herbicides or any other	-	-	Mizo
Abundant	Abundant	certain illness. While other weeds like	chemicals were not used for	-	-	Mizo
Abundant	Abundant	<i>Imperata cylindrical, Mikania micrantha</i> etc are used for pig feed and cattle fodder.	mangaging weeds.	-	-	Mizo
Abundant	Abundant			-	-	Mizo
Abundant	Abundant			-	-	Mizo
Abundant	Abundant			-	-	Mizo
Abundant	Abundant			-	-	Mizo
Abundant	Abundant			-	-	Mizo
Abundant	Abundant			-	-	Mizo
Abundant	Abundant			-	-	Mizo
Abundant	Abundant			-	-	Mizo
Abundant	Abundant			-	-	Mizo

# Format 5 : Pests of Crops -

1	2	3	4	5	6
Plant	Insect/Animal	Scientific Name	Local Name	Habitat	Time/Season of attack
Bal	Worm	-	Balung	Jhum field	September - October
Buh	Animal	Rhizomys sumatrensis	Bui	Jhum field	June – August
Vaimim	Insect pest	Spodoptera frugiperda	Fall army worm	Jhum field	June – August
Vaimim	Insect	Caelifera sp.	Khau	Jhum field	June – August

Bawkbawn leh Hmarcha	Insect	Epicauta hirticornis	Kutdurh	Jhum field	July – November
Buhleh Vaimim	Reptile	Eutropis carinata	Laitel	Jhum field	May – June
Buh leh Vaimim	Bird	Streptopelia orientalis	Mimsirikut	Jhum field	May - June
Buh	Bird	Lonchura sp	Pit	Jhum field	September – November
Buh leh Vaimim	Bird	Gallus gallus	Ram-Ar	Jhum field	July – November
Bal leh Pangbal	Animal	Atherurus macrourus	Sakuh/Kuhsi	Jhum field	September – November
Buh	Animal	Sus scrofa	Sanghal	Jhum field	September – November
Buh	Animal	Melursus ursinus	Savawm	Jhum field	September – November
Buh leh Vaimim	Animal	Rattus rattus	Sazu	Jhum field	July - November
Buh leh Vaimim	Animal	Tamiops macclellandi	Thehlei	Jhum field	July - November
Serthlum	Insect	Eusthenes sp.	Thlangdar	Forest	June - December
Hmarcha	Bird	Pycnonotus cafer	Tlaiberh	Forest & Jhum field	Sepetember – December
Buh	Bird	Psittacula sp.	Vaki	Jhum field	September – November
Buh	Bird	Carpodacus erythrinus	Vasuih	Jhum field	September – November
Buh leh Vaimim	Bird	-	Vathu	Jhum field	May – June

7	8	9	10
Management Mechanism	Associated TK	Other Details	Community/ Knowledge holder
Local communities do not used insecticides or pesticides to control pest attacking crops. They do not	-	-	Mizo
follow any specific mechanisms to manage these pests. Recent outbreak of fall armyworm attacking			
maize in the jhum fields have caused a serious damage to the crops and some farmers used insecticides			
like Emamectin benzoate 5% SG to control such pests . Red Soap (Bangla Sahbawn sen) is diluted with			
water and is sprayed or dropped to the worms or crop affected by fall army worm			

# Format 6 : Market for domesticated animals

1	2	3	4	5	6	7	8	9
Name of the Market & location	Weekly (D)/ Fortnightly (D)/ Monthly (D)/ Biannual (M)/ Annual (M)	Types of Animals bought & sold	Types and No. of animals transacted in a day	Places from which animals are bought	Places to which animals are sold/ transported	Name & location of fish market	Types of fish sold	Source of fish
Chawngte, Kamalanagar	Weekly	Chicken	Not recorded	Locality	Chawngte	-	-	-

# Format 7 : Peoplescape

1	2	3	4	5	6
Community & Population	Community & Population Families & S		Depending	Major resources accessed	Landscape Management
	Major	occupation	Landscape	and seasons of access	Practices
	Occupation				
585, Mizo	103	Poultry	-	Forest products - timber, firewood, raw materials	Terrace system has been practiced by the
	Farming	farming		for constructions and furniture, wild vegetables	community and done by funds from NREGS
				and medicinal plants are the major resources and	
				season of access may vary from their availability.	

7	8	9	10	11
<b>Resource Management Practices</b>	Cast/Tribe	Social Condition	Nature of inhabitants	No of Households
There is no specific mechanism followed for the resource management.	Mizo	Lower & Middle class	Assam type, Pucca Assam type	110

# Format 8 : Landscape

		1	2	3	4	5	6
Majo	or Landso	capes	Sub-land	Features	Ownership	General Flora	General Fauna
Agri.	Pond	Fallow	scape	and approx.			
Land		Land		area			
7	-	1		Hill	Mizo	Acmella paniculata, Ageratina adenophora,	Arctogalidia trivirgata, Trachypithecus pileatus,
sq.kms		sq.km		Slope/Hilly	(Local	Alseodaphne petiolaris, Ananus comosus, Bauhinia	Aonyx cinerea, Nyctiebus bengalensis
				Terrain	Commu	variegata , Bidens pilosa, Brassica rapa, Cajanus cajan,	Bufo stomaticus etc
					-nity)	Callophyllum polyanthum, Citrus limon, Zea mays etc	

7	8	9	10	11	12
User Groups	Management Practices	General Uses	Associated TK	Other details	Community accessed
Local people (Mizo)	No specific management practice followed by the community or BMC. Terrace system has been done by the community.	U 1	-	-	Mizo

## Format 9 : Waterscape

1	2	3	4	5	6
Waterscape Element	Sub-type	Features and	Ownership	General Flora	General fauna
type		approx. area			
Rivers in this village	2	Not measured	Mizo,	-	Prawn, Crab and indigenous fishes like Garra sp (Nghalim), Neolissochilus sp
includes – Phairuang	waterholes		Local		(Nghahrah), Garra lissorhynchus (Nghazawngek), Macrognathus sp. (Nghalerh),
lui, Lungrang lui,	in the		community		Barilius barila (Lengphar), Devario devario (Nghadawl), Anguilla bengalensis
Sailiam lui, Chhek In	village				(Ngharul), Botia sp (Nghasanghal).Nghatun, Dawntial, Nghameidum, Thaichhawni
lui, Sih lui. Water has	viz.,				Nu, Sumsi, Satel, Nghakhing, Nghavawk, Nghafunglawr, Sarba etc etc
been drawn from this	Khurchhak				
rivers by using pipe	Baptisma				
for domestic purposes.	lui				

7	8	9	10	11	12	13
Major Uses	User Groups	Management Practices	General Uses	Associated TK	Other details	Community accessed
Domestic uses like cooking,	Local people	No specific management practiced	Domestic uses	-	-	Local Community
washing etc.						

Format 10 : Soil type

1	2	3	4
Soil Type	Color & Texture	Features	Soil Management
Clayey Soil, Loamy	Red, Black and Brown	-	Soil fertility is maintained and preserved by practicing terrace system for cultivation of agricultural crops.
Soil.			Usually they practice using pig/cow dung and chicken manure as fertilizers for their crops. Soils are highly
			fertile and any kind of jhum crops can be cultivated and thrives very well in this kind of soils.

5	6	7	8
Plants/Crop Suitable	Flora and Fauna	Associated TK	<b>Other Information</b>
Nearly all kinds of agricultural	Flora: Acmella paniculata, Ageratina adenophora, Alseodaphne petiolaris, Ananus comosus, Bauhinia		
crops and jhum crops are	variegata, Bidens pilosa, Brassica rapa, Cajanus cajan, Callophyllum polyanthum, Citrus limon,	-	-
cultivated.	Colocasia esculenta, Commelina benghalensis, Croton tiglium, Drimycarpus racemosus, Dryopteris sp.,		
	Engelhardtia spicata, Erythrina variegata, Fragaria ananassa, Haematocarpus validus, Hibiscus		
	cannabinus, Imperata cylindrical, Inula cappa, Ipomoea batatas etc etc		
	Fauna: Arctogalidia trivirgata, Trachypithecus pileatus, Aonyx cinerea, Nyctiebus bengalensis,		
	Stump-tailed Macaque, Macaca fascicularis, Callosciurus pygerythrus, Catopuma temmincki, Neofelis		
	nebulosa, Trachypithecus pileatus, Trachypithecus phayrei, Arctonyx collaris, Helarctos malayanus,		
	Leopoldamis edwardsi, Hoplobatrachus crassus, Bufo stomaticus etc		

# DOMESTICATED BIODIVERSITY

# Format 11 : Fruit Trees

1	2	3	4	5		6	7
Plant	Scientific name	Local name	Variety	Landscape	Local	Status	Source of Plants/Seeds
type				Habitat	Past	Present	
Tree	Protium serratum	Bil	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Phyllanthus acidus	Kawlsunhlu	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Psidium guajava	Kawlthei	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Dillenia indica	Kawrthindeng	Local	Hilly Terrain, Plain	Frequent	Frequent	Locally available
Tree	Rhus chinensis	Khawmhma	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Artocarpus heterophyllus	Lamkhuang	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Baccaurea ramiflora	Pangkai	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Melia dubia	Sakhithei	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Citrus maxima	Sertawk	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Citurs reticulate	Serthlum	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Phyllanthus emblica	Sunhlu	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Artocarpus chama	Tatkawng	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Tamarindus indica	Tengtere	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Mangifera indica	Theihai	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Sarcosperma griffithii	Theikhawkham	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Ficus semicordata	Theipui	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Carallia brachiata	Theiria	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Artocarpus lacucha	Theitat	Local	Hilly Terrain	Frequent	Frequent	Locally available

Tree	Carica papaya	Thingfanghma	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Garcinia succifolia	Tuaithleng /Tuaihabet	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Parkia timoriana	Zawngtah	Local	Hilly Terrain	Frequent	Frequent	Locally available
Tree	Morus alba	Thing Theihmu	Local	Hilly Terrain	Frequent	Frequent	Locally available

8	9	10	11	12
Season of Fruiting	Uses (Usage)	Associated TK	Other details	Community/ Knowledge Holder
Apr – Jun	Fruit is edible. Wood is used for furniture, gunstock etc	-	Own/Market use	Mizo
Mar-Jun	Ripe fruit is edible	Leaves are eaten cooked as vegetable and also used for pigs feed	Own/Market use	Mizo
Sept-Nov	Bark & young leaves are used against diarrhoea, dysentery. Richest natural source of vitamin C	Juice of pounded bark, leaves & ripe fruits are applied to carbuncle. Bark paste is applied to toothache.	Own/Market use	Mizo
Dec – March	Wood is used for building, plywood, charcoal etc. fruit is edible	Juice of the crushed fruit is taken against rabies, cholera, diarrhoea. Bark and leaves are also medicinal.	Own/Market use	Mizo
Dec-Jan	Decoction of fruit used for colic, diarrhoea, dysentery	Wood used for fence posts & gun powder	Own/Market use	Mizo
Jun-Aug	Decoction of root used in fever, asthma, leaves used in fever, skin diseases, wounds, boils etc	Young fruits and seeds used as vegetable	Own/Market use	Mizo
June-Aug	Bark is used for constipatioan and leaves for toothache	-	Own/Market use	Mizo
Nov- Jan	Wood used for planking, ceilings, pencils, match boxes, plyboard, building purposes, fence post etc	-	Own/Market use	Mizo
Nov-Mar	Fruit is medicinal	Seeds are used for hypertension and diabetes	Own/Market use	Mizo
Oct-Feb	Fruit is a rich source of vitamin C, eaten by man	Water of boiled leaves used for bathing in fever	Own/Market use	Mizo
Whole year	Fruit which is very rich in vitamin C.	Bark is used for poisoning fish. Juice of the crushed bark is used for lung diseases, tarantula bite, dysentery and diarrhoea. Bark is boiled and water is used for washing rash or sores. Pounded fruits are soaked in water and are taken for expelling the retained placenta. Fruits are boiled in water and drunk for diabetes.	Own/Market use	Mizo
Mar-Jun	Wood is used for building, furniture, plywood etc. leaves are lopped for cattle fodder	Bark is used in diarrhoea, milky juice is applied on inflammatory diseases of gland.	Own/Market use	Mizo
Frb – April	Wood used for furniture, tool handles, rice pounders, firewood, charcoal etc. young leaves and pods are used as vegetable	Seeds are considered antidote for snake bites. Fruit and juice of leaves are used for fever, jaundice ulcers and itching etc	Own/Market use	Mizo
May-Aug	Wood is used fir furniture, boat building, planking, tea boxes, pcking cases etc. Fruits is eadible and used for making pickles.	Decoction of young leaves used in diabetes, diarrhoea, ash of dried leaves is also taken to stop hiccough.	Own/Market use	Mizo
Apr – May	Wood hard, heavy, elastic used for building and firewood.	Seed is used for expelling intestinal worms and threadworms.	Own/Market use	Mizo
Throughout the year	Bark fibre is used for making ropes. Fruits are edible. Leaves are used for cattle fodder and polishing wood	Young fruits are pounded with tender shoots of <i>Acacia pennata</i> and eaten.white latex is applied on boils. Roots, bark and fruits are used in medicine	Own/Market use	Mizo

Dec – Mar	Fruit is edible. Leaves are lopped for cattle fodder	Bark and leaves are used in septic poisoning and itch.	Own/Market use	Mizo
May-July	Fruit is edible, wood is used for firewood.	-	Own/Market use	Mizo
Whole year	Ripe fruit is good for digestion.	Decoction of unripe fruit is used to cure jaundice, diabetes etc. juice of boiled leaves is used to treat various type of cancer and stomach problems	Own/Market use	Mizo
Aug-Sept	Fruits are edible	-	Own/Market use	Mizo
Nov-Feb	Unmatured pods and tender leaves are eaten as vegetable.	Young leaves and seeds are useful against food allergy, colic, diarrhoea and dysentery. Bark and fruits are prescribed to check excessive bleeding during menstruation. Juice of the green rind of the pod is applied to fresh cuts, scabiea and itching.	Own/Market use	Mizo
April - June	Silkworm fed on its leaves. Young leaves and twigd are for fodder. Wood is used for furniture, house construction etc	Leaves are sometimes boiled with meats and eaten as curry	Own/Market use	Mizo

### **Format 12 : Medicinal Plants**

1	2	3	4	5	6
Plant type	Local Name	Scientific Name	Variety	Landscape/habitat	Source of Plant/Seeds
Herb	Aieng	Curcuma longa	Local	Cultivated	Tuber
Herb	Anchiri	Homalomena aromaticum	Local	Wild	Seeds
Climber	Ar-a fanghma	Cyclanthera pedata	Local	Wild	Seeds
Tree	Archangkawm	Oroxylum indicum	Local	Wild	Seeds
Fern	Awmvel	Platycerium wallichii	Local	Wild	Seeds
Climber	Bachhim	Dioscorea alata	Local	Wild	Seeds
Herb	Bahkhawr	Eryngium foetidum	Local	Wild/cultivated	Seeds
Herb	Bakkhate	Glinus oppositifolius	Local	Wild/cultivated	Seeds
Tree	Belthei	Aegle marmelos	Local	Wild	Seeds
Sub-shrub	Buarze	Blumea lanceolaria	Local	Wild	Seeds/Plantlet
Shrub	Builukham Pa/Nu	Osbeckia crinita/chinensis	Local	Wild	Seeds
Shrub	Chawng	Euphorbia royleana	Local	Wild	Seeds
Tree	Chhawntual	Aporosa octandra	Local	Wild	Seeds
Grass	Fu	Saccharum officinarum	Local	Cultivated	Seeds
Climber	Hlozak/Hlonuar	Mimosa pudica	Local	Wild	Plantlet
Tree	Hnahkiah	Callicarpa arborea	Local	Wild	Plantlet/seeds
Climber	Hruivankai	Tinospora sinensis	Local	Wild	Seeds
Climber	Japanhlo	Mikania micrantha	Local	Wild	Seeds
Tree	Kawhtebel	Trevesia palmata	Local	Cultivated	Seeds
Shrub	Kawldai	Justicia adhatoda	Local	Wild	Seeds
Herb	Kelba-an	Plantago major	Local	Wild	Seeds
Climber	Kelhnamtur	Hedyotis scandens	Local	Wild	Seeds
Herb	Kham damdawi	Bergenia pacumbis	Local	Wild	Seeds
Herb	Khatual	Picria felterrae	Local	Wild	Seeds
Tree	Khawitur	Hydnocarpus kurzii	Local	Wild	Seeds

Tree	Khawmhma	Rhus chinensis	Local	Wild/cultivated	Seeds
Herb	Lambak	Centella asiatica	Local	Wild	Seeds
Climber	Maipawl	Benincasa hispida	Local	Cultivated	Seeds/Plantlet
Herb	Mitthi Sunhlu	Phyllanthus urinaria	Local	Wild	Seeds
Tree	Nauthak	Litsea monopetala	Local	Wild	Seeds
Tree	Neem	Azadirachta indica	Local	Cultivated	Seeds
Shrub	Nimbu	Citrus limon	Local	Cultivated	Seeds
Undershrub	Perhpawng chaw	Scoparia dulcis	Local	Wild	Seeds
Shrub	Phuihnam	Clerodendrum colebrookianum	Local	Wild/Cultivated	Seeds/Plantlet
Shrub	Saisiak	Flueggea virosa	Local	Wild	Seeds
Climber	Sarzuk	<i>Elaeagnus</i> sp	Local	Wild/Cultivated	Seeds
Herb	Sawhthing	Zingiber officinale	Local	Cultivated	Tuber
Herb	Sekhupthur	Begonia sp.	Local	Wild	Seeds
Herb	Sumbul	Cheilocostus speciosus	Local	Wild	Seeds
Shrub	Tawkpui	Solanum torvum	Local	Wild/cultivated	Seeds/Plantlet
Shrub	Tawkte	Solanum anguivi	Local	Wild/cultivated	Seeds/Plantlet
Herb	Thasuih	Lindernia ruellioides	Local	Wild	Seeds
Tree	Theihai	Mangifera indica	Local	Cultivated	Seeds
Climber	Theikelki	Stelmocrypton khasianum	Local	Wild	Seeds
Tree	Thingfanghma	Carica papaya	Local	Cultivated	Seeds
Tree	Thingsia	Castanopsis tribuloides	Local	Wild	Seeds
Tree	Thuamriat	Alstonia scholaris	Local	Wild	Seeds
Shrub	Tlangsam	Chromolaena odorata	Local	Wild	Seeds/Plantlet
Climber	Tluangngil	Smilax glabra	Local	Wild	Seeds
Herb	Tumbu	Musa sp.	Local	Wild	Seeds
Herb	Uithinthang	Houttuynia cordata	Local	Wild	Seeds
Climber	Va ko	Thunbergia alata	Local	Wild	Seeds
Shrub	Vakep	Mussaenda roxburghii/Mussaenda glabra	Local	Wild	Seeds
Climber	Vawihuihhrui	Paederia foetidia	Local	Wild	Seeds
Tree	Zihnghal	Stereospermum tetragonum/chelonoides	Local	Wild	Seeds
Climber	Zuanghnuang	Byttneria grandifolia	Local	Wild	Seeds

7 8 9		9	10	11	12	
Local	Status	Uses	Part Used	Associated TK	Other details	Community/
Past	Present	(Usage)			market/	Knowledge Holder
					own use	
Frequent	Frequent	Medicinal	Rhizome	Juice of rhizome is used for stomach ulcer, jaundice, doarrhoea, dysentery,	Own use	Mizo
				cholera, asthma, food poisoning, and also used as a tonic for blood purifier		
Frequent	Frequent	Medicinal	Stalks,	Stalks are used as vegetables, cooked stalk are eaten to increase breast milk.	Own use	Mizo
			Rhizomes	Rhizomes are used in manufacturing of prefumes		
Frequent	Frequent	Medicinal	Fruit	Fruit is rich in antioxidant and used in medicine	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves, fruit,	Decoction of root & bark is used in fevers, colic, stomach ulcer, indigestion,	Own use	Mizo

			bark	dysentery, diarrhoea etc. Poultice of the bark is applied to rheumatism, sprains, imflammations and skin diseases. Decoction of leaves is used in flatulence, ulcers, etc. decoction of fruit is used to treat diseases iof liver, hepatitis etc		
Frequent	Frequent	Medicinal	Leaves	Juice of leaves is applied to herpes eruptions	Own use	Mizo
Frequent	Frequent	Medicinal	Tuber, Bulbil	Tubers and Bulbil are use as vegetable and also used to treat cancer	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves, roots	Leaves are used for flavouring curry. They are used for expulsion of threadworms from the body, as a remedy for food poisoning. Roots and leaves are boiled for treating malarial fever, diabetes, pneumonia, constipation	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Whole Plant is medicinal	Own use	Mizo
Frequent	Frequent	Medicinal	Fruit, Bark	Fruit is useful in diabetes, digestion, dysentery and diarrhoea. Root bark is used for poisoning of fish.	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Decoction of leaves used in ulcer, asthma, sores, dandruff etc	Own use	Mizo
Frequent	Frequent	Medicinal	Root & leaves	Decoction of roots is used in diarrhoea, dysentery, hepatitis etc, leaves for toothache	Own use	Mizo
Frequent	Frequent	Medicinal	Shrub, milky juie	Pith of this shrub and unripe fruit of papaya are cooked with chicken and water is taken against diseases of liver, chronic fever. Milky juice is used externally for ringworm, rheumatism, sciatica, boils, warts etc	Own use	Mizo
Frequent	Frequent	Medicinal	Bark, Leaves	Bark and leaves decoction used in stomach ulcer, diarrhoea and dysentery.	Own use	Mizo
Frequent	Frequent	Medicinal	Stem juice	Juice of the stem is used as a remedy for jaundice, purifies blood, good for lungs, diuretic etc	Own use	Mizo
Frequent	Frequent	Medicinal	Roots	Roots decoction used in piles and jaundice, diseases of liver and kidney etc	Own use	Mizo
Frequent	Frequent	Medicinal	Bark & Leaves	Decoction of bark and leaves used for diabetes, cholera, internal bleeding, stomach ulcer etc. Leaves are used for fermenting cooked soya bean ( <i>Bekang</i> ), famous mizo dish.	Own use	Mizo
Frequent	Frequent	Medicinal	Rhizome	Juice of the pounded rhizome is used in indigestion, stomach trouble, dysuria, dysentery.	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Leaf juice applied on fresh wounds, stomach pain & ulcer	Own use	Mizo
Frequent	Frequent	Medicinal	Root, leaves	Roots and leaves are used to treat stomachache	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Decoction of leaves is used for dysentery, jaundice, malarial fever, asthma, bronchitis, and juice of the crushed leaves is also applied to fresh cuts	Own use	Mizo
Frequent	Frequent	Medicinal	Whole plant	The leaves are eaten raw in salad or cooked as a potherb. The plant is very rich in vitamin B11 and Riboflavin. Decoction of the whole plant is used in malarial fever, diabetes and tuberculosis. Warm water of cooked leaves is retained in mouth sore and tooth-ache. Juice of the leaves is externally used for wounds, boils, chronic ulcers, cuts, otitis, sprains, stings, swellings etc. leaves are crushed with fruits of <i>Solanum anguivi</i> and applied to pimples and small boils on the face. Poultice of leaves is also bound to cuts to draw out thorns and splinters.	Own use	Mizo
Frequent	Frequent	Medicinal	Roots & leaves	Decoction of roots/leaves is medicinal. The plant is also used as fish poison	Own use	Mizo
Frequent	Frequent	Medicinal	Root	Bitter root is used in fever, dysuria, spleen enlargement, liver diseases, stomachache, diarrhoea, dysentery etc and also applied to wounds, sores and boils.	Own use	Mizo

Frequent	Frequent	Medicinal	Whole plant	Bitter leaves are used for making Sa-chek. Decoction of the plant is prescribed as a remedy for enlarged spleen, fever and stomachache.	Own use	Mizo
Frequent	Frequent	Medicinal	Seeds	Seeds yields chaulumugra oil which is used in rheumatism, leprosy, psoriasis and other skin diseases.	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves & fruits	Decoction of fruit & Leaves used in various diseases	Own use	Mizo
Frequent	Frequent	Medicinal	Whole plant	Plant is used in diabetes, jaundice, pile,dysentery,diarrhoea,hypertension etc	Own use	Mizo
Frequent	Frequent	Medicinal	Fruit & Leaves	Juice of fruit is used for diarrhoea, cholera, diabetes, vomiting, kidney problems	Own use	Mizo
Frequent	Frequent	Medicinal	Roots and leaves	Roots and leaves are used in medicine	Own use	Mizo
Frequent	Frequent	Medicinal	Whole plant	Juice of the whole plant is used for cholera, dyenstery, fever, liver problems and jaundice, diabetes etc	Own use	Mizo
Frequent	Frequent	Medicinal	Root, bark, leaves	Muga silkworm feeds on the leaves. Roots, bark and leaves are used in medicine	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Boiled water of leaves is used to treat diabetes, hypertension, stomach problems etc	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves, stem, Roots	Juice of the pounded leaves, stem and roots are used in diabetes, stomach troubles, nausea, diarrhea, dysentery, toothache and also removal of stones in kidney. Juice of the leaves is also useful as external applications for snake bite, sores, burns and cuts.	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Leaf juice used in High blood pressure	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Decoction of leaves used in measles, chicken pox, scabies etc	Own use	Mizo
Frequent	Frequent	Medicinal	Roots & leaves	Decoction of roots and leaves is used for treating menstrual and urinary problems	Own use	Mizo
Frequent	Frequent	Medicinal	Rhizome	Rhizomes are used as spice and condiment, taken as a cure for food poisoning. Juice of pounded rhizome is is given to women in case of sufficient supply of milk for their children and also dropped into the ear when attacked by ticks.	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves, stem	Stem and leaves are eaten against diarrhoea and dysentery, juice of the sten or stalk is also applied to rash or sores etc	Own use	Mizo
Frequent	Frequent	Medicinal	Roots	Juice of crushed roots used in diseases of kidney, fever, jaundice, bronchitis etc	Own use	Mizo
Frequent	Frequent	Medicinal	Fruit	-do-	Own use	Mizo
Frequent	Frequent	Medicinal	Fruit	Unripe fruit are eaten as vegetable. Roots and fruit are used in high blood pressure, asthma, dysuria, fever, colic. Crushed fruit is used in burns, boils etc	Own use	Mizo
Frequent	Frequent	Medicinal	Whole plant	Whole plant is used as poultice for cramps, rheumatism, sciatica, wounds etc	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Young leaves are cooked and juice is eaten for food poisoning, diarrhoea, dysentery etc	Own use	Mizo
Frequent	Frequent	Medicinal	Roots, Leaves	Roots or leaves are cooked and water is taken for curing diseases of liver and jaundice	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves, fruit	Fruit is edible and used for constipation, stomach troubles, juice of boiled leaves is used in treating stomach ulcer, cancer and other stomach related problems	Own use	Mizo

Frequent	Frequent	Medicinal	Bark, stem	Juice of bark and stem is used for infection, wounds and cuts etc	Own use	Mizo
Frequent	Frequent	Medicinal	Bark and juice	Bark is useful in treatment of high blood pressure, asthma, typhoid, malaria, diarrhoea, dysentery. Milky juice applied in fresh cuts, sores, ringworm,	Own use	Mizo
				wart,etc		
Frequent	Frequent	Medicinal	Leaves	Juice of the leaves applied to fresh cuts	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves, Roots	Pounded tuberous roots are used as rheumatism, stomach ache and diarrhoea. Decoction of leaves is also taken for curing tonsilities.	Own use	Mizo
Frequent	Frequent	Medicinal	Buds	Plaintain is cooked with water and water is drink for treating deficiency of white blood	Own use	Mizo
Frequent	Frequent	Medicinal	Whole plant	Whole plant is used in medicine, used for treating cancer, liver problems etc	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Decoction of leave used against diabetes, new cuts, stomach problem etc and also for treatment of cancer	Own use	Mizo
Frequent	Frequent	Medicinal	Bark, Levaes	Bark and leaves are useful in snake bites	Own use	Mizo
Frequent	Frequent	Medicinal	Whole plant	The whole plant is regarded as a specific for rheumatic affection, in which it is administered both internally and externally. Juice of crushed leaves is used in diarrhoea and dysentery. Stem and leaves are also chewed for relief in tooth-ache	Own use	Mizo
Frequent	Frequent	Medicinal	Leaves	Leaves are lopped for fodder. Bark and young leaves are used as remedy for fever, stomach pain etc	Own use	Mizo
Frequent	Frequent	Medicinal	Stem	Stem juice used for mouth sore, stomach ulcer etc	Own use	Mizo

# Format 13 : Ornamental Plants

1	2	3	4	5
Plant type	Local Name	Scientific Name	Variety	Source of Plants/Seeds
Tree	April par	Delonix regia	Introduced	Locally available
Shrub	April parte	Caesalpina pulcherrima	Introduced	
Herb	Ar-tukkhuan	Mirabilis jalapa	Local variety	Locally available
Tree	Chawnpui	Lagerstroemia speciosa	Local variety	Locally available
Shrub	Christmas par	Poinsettia pulcherrima	Introduced	Locally available
Herb	Chuailopar	Gomphrena globosa	Local variety	Locally available
Herb	Dahlia	Dahlia pinnata	Local variety	Locally available
Annual Herb	Derhken	Tagetes erecta	Local variety	Locally available
Grass	Di par	Gladiolus dalenii/natalensis	Local variety	Locally available
Perennial Herb	Dingdi	Asclepias curassavica	Local variety	Locally available
Evrgereen Tree	Far	Pinus sp.	Local variety	Locally available
Tree	Fartuah	Erythrina stricta	Local variety	Locally available
Shrub	Forget me not	Durranta erecta	Local variety	Locally available
Herb	Geranium	Pelargonium sp	Introduced	Locally available
Succulent shrub	Hling lukhum	Euphorbia milii	Introduced	Locally available
Annual slender Herb	Hnahsinpar	Cosmos bipinnatus	Local variety	Locally available
Herb	Kumtluang	Catharanthus roseus	Local variety	Locally available
Perennial herb	Kungpuimuthi	Canna indica	Local variety	Locally available
Tuber	Lilypar	Lilium sp	Local variety	Locally available

Tree	Makpazangkang	Cassia javanica spp nodosa	Local variety	Locally available
Herb	Mawza par (Salvia)	Salvia splendens	Introduced	Locally available
Shrub or small tree	Midum pangpar	Hibiscus rosa-sinensis	Local variety	Locally available
Shrub	Mualhawihte	Ixora coccinea	Local variety	Locally available
Epiphyte	Nauban	Orchid	Local variety	Locally available
Herb	Nghasih par	Cleoserrata speciosa	Local variety	Locally available
Herb	Nuaithang	Impatiens balsamina	Local variety	Locally available
Shrub	Rose par	Rosa indica	Local variety	Locally available
Herb	Sappangpar	Zinnia sp	Local variety	Locally available
Thorny shrub	Saron par	Bougainvillea spectabilis	Local variety	Locally available
Shrub	Saron par te	Holmskioldia sanguinea	Local variety	Locally available
Deciduous shrub	Uaiting wayvet	Lagerstroemia indica	Local variety	Locally available
Tree	Vaube	Bauhinia variegata	Local variety	Locally available
Tree	Yellow trumpet flower	Tecoma castanifolia	Local variety	Locally available
Annual herb	Zamzo	Celosia argentea	Local variety	Locally available
Glabrous shrub	Zan rimtui	Cestrum nocturnum	Local variety	Locally available

6	7	8	9	10
Commercial/Non	Uses	Associated TK	Other Details	Community/
commercial				Knowledge holder
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo

Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo
Non commercial	Ornamental purpose	-	-	Mizo

# Format 14 : Timber plants

1	2	3	4		5	6	7
Plant	Local Name	Scientific Name	Habitat	Local	Status	Wild/	Other uses
Туре				Past	Present	home- garden	
Tree	Ardah	Albizia lucida	Wild	Frequent	Frequent	Wild	Wood hard used for firewood
Tree	Batling	Wedlandia bundleioides	Wild	Frequent	Frequent	Wild	Wood is used for gunpowder, charcoal, firewood etc
Tree	Belphuar	Trema orientalis	Wild	Frequent	Frequent	Wild	Wood is used for gunpowder, charcoal, firewood etc
Tree	Berawchal	Canarium bengalense	Wild	Frequent	Frequent	Wild	Wood heartwood, reddish brown, used for firewood etc
Tree	Bul	Alseodaphne petiolaris	Wild	Frequent	Frequent	Wild	Wood is used for building, furniture, firewood etc
Tree	Bulfek	Phoebe lanceolata	Wild	Frequent	Frequent	Wild	Heartwood used for firewood and leaves for cattle fodder
Tree	Bulpui	Alseodaphne petiolaris	Wild	Frequent	Frequent	Wild	Wood used for building, furniture, firewood etc
Tree	Bulthur	Nyssa javanica	Wild	Frequent	Frequent	Wild	Wood is grey, yellow, soft used for house building
Tree	Bung	Ficus benghalensis	Wild	Frequent	Frequent	Wild	Wood used for fuelwood, well curbs etc
Tree	Chalthei	Pyrus pashia	Wild	Frequent	Frequent	Wild	Wood reddish brown, hard used for making walking stick,
							combs, tobacco pipe and firewood. Leaves for fodder
Tree	Char	Terminalia myriocarpa	Wild	Frequent	Frequent	Wild	Wood used for furniture, house building, firewood etc
Tree	Chawmzil	Ligustrum robustum	Wild	Frequent	Frequent	Wild	Wood used for firewood and charcoal etc
Tree	Chhawntual	Aporosa octandra	Wild	Frequent	Frequent	Wild	Wood used for firewood and charcoal etc
Tree	Fah	Lithocarpus dealbatus	Wild	Frequent	Frequent	Wild	Wood used for rice pestle, firewood and charcoal etc
Tree	Fartuah	Erythrina variegata	Wild	Frequent	Frequent	Wild	Wood is used for drums, toys etc and bark fibre for cordage
Tree	Herhse	Mesua ferrea	Wild	Frequent	Frequent	Wild	Wood very hard used for bridges, railway sleepers, tool
							handles, firewood, rice pestle, charcoal etc
Tree	Hmawng	Ficus sp	Wild	Frequent	Frequent	Wild	Wood used for fuel and charcoal etc
Tree	Hmuifarial	Syzygium claviflorum	Wild	Frequent	Frequent	Wild	Wood is used for firewood, leaves are lopped for cattle fodder
Tree	Hmuipui/Lenhmui	Syzygium cumini	Wild	Frequent	Frequent	Wild	Wood is moderately hard, used for plywood, furniture, tool
							handles, panels, posts and firewood etc
Tree	Hnahkhar	Mallotus paniculatus	Wild	Frequent	Frequent	Wild	Wood used for firewood
Tree	Hnum	Engelhardtia spicata	Wild	Frequent	Frequent	Wild	Wood used for house construction, tea boxes, packing etc
Tree	Kham thing	-	Wild	Frequent	Frequent	Wild	-
Tree	Kharduap	Macaranga indica	Wild	Frequent	Frequent	Wild	Wood can be used for firewood etc
Tree	Kharuan	Elaeocarpus lanceifolius	Wild	Frequent	Frequent	Wild	Wood used for house building, firewood and charcoal etc
Tree	Khaukhim	Firminia/Sterculia colorata	Wild	Frequent	Frequent	Wild	Wood grey, soft and used for floors.
Tree	Khaupui	Sterculia villosa	Wild	Frequent	Frequent	Wild	Wood very soft is used for drums and paper pulp
Tree	Khawitur	Hydnocarpus kudzii	Wild	Frequent	Frequent	Wild	Wood used for temporary building, firewood etc

Tree	Khawreng	Streblus indicus	Wild	Frequent	Frequent	Wild	Heartwood is used for house posts
Tree	Khiang	Schima wallichii	Wild	Frequent	Frequent	Wild	Wood durable is used in planking, building, plywood, firewood
Tree	Khiangzo	Schima khasiana	Wild	Frequent	Frequent	Wild	Wood used for house building, firewood etc
Tree	Khuangthli	Bischofia javanica	Wild	Frequent	Frequent	Wild	Wood used for house building, furniture, firewood etc
Tree	Lawngthing	Dipterocarpus turbinatus	Wild	Frequent	Frequent	Wild	Wood used for house construction, floors, plywood, firewood,
				1	1		railway sleepers, tool handles etc
Tree	Lungkhup	Haldina cordifolia	Wild	Frequent	Frequent	Wild	Wood used for planking, house posts, door and window
		, , , , , , , , , , , , , , , , , , ,		-	-		frames, shutters, furniture, plywood, firewood etc
Tree	Mualhawih	Saraca asoca/indica	Wild	Frequent	Frequent	Wild	Wood used for tool handles, ploughs and shafts
Tree	Muk	Cordia fragrantissima	Wild	Frequent	Frequent	Wild	Wood durable, used for gunstocks, posts and firewood etc
Tree	Nauthak	Litsea monopetala	Wild	Frequent	Frequent	Wild	Wood soft not durable can be used for firewood
Tree	Nganbawm	Acrocarpus fraxinifolius	Wild	Frequent	Frequent	Wild	Wood used for furniture, motor bodies, planking, flooring etc
Tree	Ngiau	Michelia champaca	Wild	Frequent	Frequent	Wild	Wood hard and durable used in furniture, building, planking
Tree	Pang	Bombax insigne	Wild	Frequent	Frequent	Wild	Wood used for packing cases, matchboxes, splints
Tree	Pangkai	Baccaurea ramiflora	Wild	Frequent	Frequent	Wild	-
Tree	Phan	Ulmus lanceifolia	Wild	Frequent	Frequent	Wild	Wood durable used for posts, gunstocks, tool handles etc
Tree	Phuanberh	Macropanax undulatus	Wild	Frequent	Frequent	Wild	Wood is soft and can be used for firewood
Tree	Phuanberhpui	Ailanthus integrifolia spp	Wild	Frequent	Frequent	Wild	Wood used for partition wall, plywood, packing cases etc
Tree	Phunchawng	Bombax ceiba	Wild	Frequent	Frequent	Wild	Wood used for packing cases, matchboxes and splints
Tree	Ramlakhuih	Pandanus odorifer	Wild	Frequent	Frequent	Wild	Fruit is used for combing cotton yarn and seeds are edible
Tree	Rihnim	Ficus religiosa	Wild	Frequent	Frequent	Wild	Wood durable underwater, used for fuel and charcoal etc
Tree	Ruphir	Prunus ceylanica	Wild	Frequent	Frequent	Wild	Wood is used for firewood and charcoal
Tree	Sahatah	Aglaia spectabilis	Wild	Frequent	Frequent	Wild	Wood hard used for furniture, building, doors and windows
Tree	Saper	Lindera nacusua	Wild	Frequent	Frequent	Wild	Wood used for building construction
Tree	Saphut	Tarennoidea wallichii	Wild	Frequent	Frequent	Wild	Wood cream colour, used for building, firewood, charcoal etc.
mee	Saphut		vv IIu	riequent	Trequent	wild.	wood cream colour, used for bundnig, mewood, charcoar etc.
Tree	Sehawr	Castanopsis indica	Wild	Frequent	Frequent	Wild	Wood hard used for furniture, building, firewood etc
Tree	Sentezel	Callophyllum polyanthum	Wild	Frequent	Frequent	Wild	Wood moderately hard, strong and elastic is used for building,
					_		firewood, bridges etc
Tree	Sernam	Litsea cubeba	Wild	Frequent	Frequent	Wild	Wood used for gunpowder, charcoal, firewood etc
Tree	Sihneh	Eurya japonica	Wild	Frequent	Frequent	Wild	-
Tree	Siksil	Pterospermum acerifolium	Wild	Frequent	Frequent	Wild	Wood used for furniture, building, planking, motorbodies etc
Tree	Taitaw	Spondias pinnata	Wild	Frequent	Frequent	Wild	Wood used for drums, firewood etc
Tree	Tatkawng	Artocarpus chama	Wild	Frequent	Frequent	Wild	Wood durable used for building, furniture, plywood etc
Tree	Teak	Tectona grandis	Wild	Frequent	Frequent	Wild	Wood extremely durable, used for buildings, bridges,
				_	_		furniture, plywood, constructions etc
Tree	Tei	Toona cilliata	Wild	Frequent	Frequent	Wild	wood usedfor furniture, house building, ceiling, floors etc
Tree	Thal pui	Quercus lineata	Wild	Frequent	Frequent	Wild	Wood brown or grayish brown hard used for building,
				-	-		firewood and charcoal
Tree	Thalteh	Kydia calycina/glabrescens	Wild	Frequent	Frequent	Wild	Wood soft suitable for plywood, packing cases etc
Tree	Thehlei khak	Aglaia chittagonga	Wild	Frequent	Frequent	Wild	Wood used for house posts and firewood etc
Tree	Theikum	Diospyros malabarica	Wild	Frequent	Frequent	Wild	Wood used for building, firewood etc

Tree	Theivabuan	Plachonella grandifolia	Wild	Frequent	Frequent	Wild	Wood moderately hard, used for building purposes
Tree	Theipui	Ficus semicoradata	Wild	Frequent	Frequent	Wild	Wood used for mortars, firewood etc
Tree	Theisehret	Aphananthe cuspidata	Wild	Frequent	Frequent	Wild	Wood used for planking, firewood and charcoal
Tree	Thingarek	Vitex glabrata	Wild	Frequent	Frequent	Wild	Wood moderately hard, used for cartwheel, firewood, charcoal
Tree	Thingdawl	Tetrameles nudiflora	Wild	Frequent	Frequent	Wild	Wood is used for flooring, walling, matches, plywood etc.
Tree	Thingdawn	Itea macrophylla	Wild	Frequent	Frequent	Wild	Wood used as fuel
Tree	Thingkha	Derris robusta	Wild	Frequent	Frequent	Wild	Wood used for house posts, firewood and charcoal
Tree	Thingkhawilu	Vitex peduncularis	Wild	Frequent	Frequent	Wild	Wood used for posts, firewood and charcoal etc
Tree	Thinglung	Homalium ceylanicum	Wild	Frequent	Frequent	Wild	Wood used for building, firewood, charcoal etc
Tree	Thingpuithing	Lithocarpus elegans/obscurus	Wild	Frequent	Frequent	Wild	Wood used for firewood, building, charcoal etc
Tree	Thingsaphu	Dysoxylum mollissimum	Wild	Frequent	Frequent	Wild	Wood red, durable used for house building, furniture, boats
Tree	Thingsen	Dipterocarpus retusus	Wild	Frequent	Frequent	Wild	Wood moderately hard used for house building, motor
	0.1	I I I I I I I I I I I I I I I I I I I			1		bodies, plywood etc
Tree	Thingsia	Castanopsis tribuloides	Wild	Frequent	Frequent	Wild	Wood used for house posts, firewood, charcoal etc
Tree	Thingtheihmu	Morus alba	Wild	Frequent	Frequent	Wild	Wood used for house construction, furniture, tool handles etc
Tree	Thingvawkpui	Balakata baccata	Wild	Frequent	Frequent	Wild	Wood used for plywood, packing cases, firewood etc
Tree	Thlanvawng	Gmelina arborea	Wild	Frequent	Frequent	Wild	Wood used for planking, furniture, house posts etc
Tree	Tiar	Saurauia punduana	Wild	Frequent	Frequent	Wild	Wood light, brown, soft used for firewood and charcoal
Tree	Tiarpui	Saurauia napaulensis	Wild	Frequent	Frequent	Wild	Wood, light pink, soft used ofr temporary building, firewood
	1	*		1	1		and charcoal and leaves for fodder
Tree	Vaiza	Hibiscus macrophyllus	Wild	Frequent	Frequent	Wild	Wood soft but durable used for posts, rafters etc
Tree	Vang	Albizia chinensis	Wild	Frequent	Frequent	Wild	Wood used for making drum, firewood and charcoal etc
Tree	Vaube	Bauhinia variegata	Wild	Frequent	Frequent	Wild	Wood is used for tool handles, firewood, charcoal etc. leaves
							are a good fodder. Decoction of bark/leaves is used in
							menstrual disorders, piles, diabetes, diarrhoea and dysentery
Tree	Vawmbal	Drimycarpus racemosus	Wild	Frequent	Frequent	Wild	Wood is used for building, boats, firewood etc
Tree	Vawngthir	-	Wild	Frequent	Frequent	Wild	-
Tree	Vawngthla	Premna milleflora	Wild	Frequent	Frequent	Wild	Wood durable used for house posts etc
Tree	Zaihri	Ficus virens	Wild	Frequent	Frequent	Wild	Wood moderately hard, used for firewood etc
Tree	Zairum	Anogeissus acuminata	Wild	Frequent	Frequent	Wild	Wood used for house posts, tool handles, fuel and charcoal etc
Tree	Zathu	Polyalthia jenkinsii	Wild	Frequent	Frequent	Wild	Wood is used for house posts, firewood etc
Tree	Zawng taitaw	-	Wild	Frequent	Frequent	Wild	-
Tree	Zihnghal	Stereospermum chelonoides	Wild	Frequent	Frequent	Wild	Wood used for house construction, cabinet making, furniture
Tree	Zuang	Duabanga grandiflora	Wild	Frequent	Frequent	Wild	Wood used for building, plywood, firewood etc

8	9	10
Associated TK	Other details	Community/
		knowledge
		holder
-	-	Mizo
	Wood pole is used for fencing post.	Mizo
Bark yields a strong fibre and leaves are lopped for cattle fodder	It is a light demanding tree, fsat growing and short lived tree	Mizo

-	-	Mizo
-	Ripe fruit is eaten by birds and animals	Mizo
-	It is a shade bearer and fast growing tree	Mizo
-	-	Mizo
-	Fruit is eaten by birds and wild animals	Mizo
Bark and aerial roots are used for making coarse ropes	Leaves are good for cattle fodder	Mizo
Leaves are used in medicine	-	Mizo
-	Leaves are good for fodder, it is a fast growing tree	Mizo
-	Leaves are lopped for cattle fodder	Mizo
-	Leaves are lopped for cattle fodder	Mizo
-	-	Mizo
Tender pods are edible, seeds edible roasted or boiling, bark and leaves are also used in medicine	It is a fast growing tree and cultivated as ornamental and hedge plant	Mizo
Bark, unripe fruit, flowers and seed oil are medicinal	Seed oil is used for burning, lubricating and soap making	Mizo
Leaves and twigs are lopped for cattle fodder	Bark, fruit and leaves are used in medicine	Mizo
-	Fruits are eaten by man, bears and birds	Mizo
Seed is very useful for treating diabetes and the bark for fever, jaundice, urinary problems, sore throat, ronchitis, asthma, ulcers and chronic dysentery etc	Fruits are eaten by man, birds and wild animals	Mizo
-	-	Mizo
Bark is medicinal and also used for poisoning fish. Leaves are lopped for fodder	It is a light demander	Mizo
-	-	Mizo
Different parts of the plant are used in various traditional medicine	-	Mizo
Bark is scraped with dao and the powder is used for stupefying bees (Khawivah)	Fruits are used for poisoning fish	Mizo
Bark fibre is used for making cordage. Bark is cooked with bark of <i>Citrus medica</i> and water is taken for tonsillitis	Leaves are lopped for cattle fodder	Mizo
Seeds are eaten roasted or fried. Bark yields a strong fibre	Decoction of the bark is used in cholera, dysentery, diarrhoea and tonsilities	Mizo
-	-	Mizo
Tree is tapped for wood oil and oleo resin is applied to ring worm, ulcers, sprains etc. Bark is also chewed to relieve toothache	It is a light demander, can tolerate shade in youth	Mizo
Powdered fruit is used in scorpion sting, bites of centipede, juice of the bark for chronic ulcer and fresh cuts. Leaves are lopped for fodder	Tender leaves are cooked eaten. It is moderate light demander and moderately fast growing tree	Mizo
Pounded bark is used for poisoning of fish	-	Mizo
Juice of young leaves is used for curing tonsillitis and sores	Bark, stem and leaves are also medicinal. Leaves are lopped for cattle fodder	Mizo
Bark is prescribed for fever, strangury, ulcers, skin diseases and the roots for diarrhoea, dysentery	It is a strong light demander but the seedlings are shade tolerant.	Mizo
Tender leaves are eaten cooked as vegetable, seed is chewed as a substitute for betel nut, bark sometimes used as tea leaves	-	Mizo
Young leaves are eaten cooked with rat's meat. Decoction of Bark/leaves is used to expel small pieces of retained placenta	-	Mizo
Bark is used for constipation and leaves for toothache		Mizo
Muga Silkworm are reared on the leaves	Roots, bark and leaves are used in medicine, leaves are for cattle fodder	Mizo
Leaves are lopped for cattle fodder	This tree is a quick growing and moderate light demander	Mizo
	I THIS HEE IS A UNICK STOWING AND INOUCIATE TIGHT DEMANDER	IVIIZO

Leaves are lopped for cattle fodder	-	Mizo
Leaves are lopped for cattle fodder		Mizo
Leaves are used for cattle fodder		Mizo
Tender leaves are cooked and eaten without its water as vegetables	Leaves are lopped for cattle fodder	Mizo
-		Mizo
Cotton is used for pillows and cushions, leaves for fodder. Tender leaves, flowers	It is a strong light demander, fire resistant and fast growing tree	Mizo
and calyces are used as vegetable	it is a strong right domander, me resistant and rast growing dee	WIIZO
Fibre obtained from the leaves is used for nets, sacks and brushes. Decoction of	-	Mizo
the roots is also used in diseases of kidney etc.		TTILLO
-	-	Mizo
Kernels are used for poisoning fish	-	Mizo
	-	Mizo
	-	Mizo
		Mizo
		Mizo
Fruits are eaten by wild animals. Trunk is used for making mortars for pounding	It is a moderate shade bearer in youth. Seed often germinate soon after falling	Mizo
rice	under its mother tree	WIIZO
Silkworm reared on the leaves. Boiled water of berries with meats of Indian		Mizo
Badger is taken as a remedy for sciatica and high blood pressure		TTHEO
		Mizo
Leaves are used by Mizos for lining Siksil (Umbrella) and Thul – Basket lids	-	Mizo
Decoction of bark is used in treating diarrhoea, dysentery and rheumatism	Juice of crushed bark is also applied to fresh cuts	Mizo
Bark is used in diarrhoea, milky juice is applied on inflammatory diseases of	It is a shade bearer in youth and grow very fast	Mizo
glands and sometimes used as milk in tea. Leaves are lopped for cattle fodder	, and a second	-
Leaves are used for fermenting cooked soyabean ( <i>Bekang</i> ), a traditional mizo	It is a strong light demander and fire resistant	Mizo
delicacy		
Bark is useful in fever, diarrhoea, itching and flowers in menstrual disorders	Leaves are lopped for cattle fodder	Mizo
-	Acorns are eaten by wild animals	Mizo
Bark yields a strong fibre and used for making ropes and cordage . leaves are	It is a light demander and fast growing tree. Tolerates moderate shade in youth	Mizo
lopped for cattle fodder		
Pulp of unripe fruits is used as gum, seeds are edible	-	Mizo
-	-	Mizo
Young fruits are pounded with tender shoots of Acacia pennata and eaten	Leaves are lopped for cattle fodder and polishing wood	Mizo
-	-	Mizo
Leaves are loped for cattle fodder		Mizo
Infusion of bark is recommende for dysentery	-	Mizo
Leaves are used as soap for washing 'Mizo Pawnpui' (Blanket)	It is a fast growing, good coppice and facvoured for birds nesting. Bark can be	Mizo
	used for poisoning fish, juice of crushed bark and leaves are used to tick bite.	
Fibre of the bark is used for cordage. Decoction of the root bark is given to	-	Mizo
women after delivery of a baby		
Decoction of bark is used as an effective remedy for diabetes and high blood	Leaves are lopped for cattle fodder	Mizo
pressure	••	
Infusion of leaves/bark is used against black water fever, malarial fever, jaundice,		Mizo

typhoid, stomach ulcer and kidney stones		
		Mizo
Saplings used as pendant for scorching off the bristles of the pig killed		Mizo
Bark is used internally for pain in the stomach		Mizo
Balsam is used in treatment of Gonorrhoea, Gleet and similar affections of the	It is a shade bearer in early stages and afterwards a light demander	Mizo
urinary organs (IMP)	it is a shade bearer in early stages and arter wards a right demander	WIIZO
Juice of the stem is recommended for mouth infection in children		Mizo
Silkworm fed on its leaves. Leaves are sometimes boiled with meats and eaten as	Young leaves and twigs are good for cattle fodder	Mizo
curry. Root bark, leaves and fruits are also medicinal.	Toung leaves and twigs are good for earlie founder	WIIZO
Fruits are eaten by man and birds	Endi silkworm reared on the leaves	Mizo
Flowers are eaten cooked as vegetables, leaves are lopped for cattle fodder	It is a light demander and fire resistant, fast growing tree	Mizo
The wers are each cooked as vegetables, reaves are topped for each found	It is a light demander and life resistant, last growing tree	Mizo
Bark is used as anaesthesia and antiseptic		Mizo
Bark fibre which is called <i>Hruikhau</i> is used for making into rope and <i>Hnam hrui</i> .		Mizo
Leaves are used for fermenting cooked soyabean ( <i>bekang</i> ) and sometimes for		IVIIZO
wrapping food in.		
Bark used to poison fish. Leaves are lopped for cattle fodder	It is a moderate light demander and fast growing tree	Mizo
Leaves, tender fruits and flower buds are eaten as vegetable	It is a moderate light demander and wind firm tree	Mizo
Thick paste of the plant is applied on broken bone. Juice of the plant is also	Plant is laxative and cooling used for cold, sinusitis and menstruation problems	Mizo
applied on sore of baby's navel	Frant is faxative and coording used for cold, sinustus and mensionation problems	MIZO
Decoction of bark is used in stomach troubles, fever, diarrhoea and also apllied on		Mizo
	-	IVIIZO
measles, chickem pox, sprains and burns. Leaves are cooked in water and water is		
taken as a remedy for high blood pressure . Tender leaves are boiled with meats and eaten as vegetables		Mizo
V	East arouing tree	Mizo
Young shoots are eaten in curries, and fibre can also be used as rope	Fast growing tree	
Decoction of the bark is used in stomach troubles, fever, diarrhea and also applied	Leaves are cooked in water and water is taken as a remedy for high blood	Mizo
on measles, chicken pox, sprains and burns.	pressure	16
-	-	Mizo
		Mizo
Root, leaves and flowers are also used medicinally. Bark and young leaves are		Mizo
used as a remedy for fever, stomach ache etc		
Bark is bruised, boiled with soil impregnated with urine to produce a bluish dye	Fast growing tree	Mizo

# **Format 15 : Domesticated Animals**

1	2	3	4	5	6
Animal type	Local name	Scientific name	Breed	Features	Method of keeping
Poultry	Ar	Gallus domesticus	Local	-	Poultry house made up of bamboo, poles and GI Sheets near the house
Cattle	Bawng	Bos gaurus	Local	-	Cattle Shed
Poultry	Broiler Ar	Gallus gallus domesticus	Broiler	-	Poultry House/Shed
Cattle	Kel	Capra aegagrus hircus	Local	-	Cattle Shed
Dog	Ui	Cannis familiaris	Local	-	Kennel
Poultry	Vahmim	Coturnix coturnix	Local	-	Poultry house/shed
Poultry	Varak	Anas platyrhynchos domesticus	Local	-	Poultry house/shed

Pig	Vawk	Artioda	Artiodactyla suidae Local -			tely near the owner's house		
Cat	Zawhte	Fel	is catus	Local	-	Inside house alongwith the owner's family		
	7	8		9		10	11	12
Local	Status	Uses	Ass	ociated TK		Commercial	Other details	Community/
Past	Present					Rearing		Knowledge holder
Frequent	Frequent	For meat and eggs	Chickens are used for sacrifice in olden days		Commercial and own use	Dung is used as fertilisers for cultivated crops	Mizo	
Frequent	Frequent	For meat and milk		-		Commercial	Cow dung is used as fertilizers	Mizo
Frequent	Frequent	For meat		-		Commercial	Dung is used as fertilisers for cultivated crops	Mizo
Frequent	Frequent	For meat		-		Commercial	-	Mizo
Frequent	Frequent	For housekeeper		Fresh blood used for inflammatory disease of gland (Hrilawn		-		Mizo
Frequent	Frequent	For meat and eggs		-		-	-	Mizo
Frequent	Frequent	For meat		_		-	-	Mizo
Frequent	Frequent	For meat		-		Commercial	Dung is used for cultivated crops	Mizo
Frequent	Frequent			-		-	-	Mizo

Format 16 : Culture Fisheries ---- NIL

Format 17 : Markets/Fairs of domesticated animals, medicinal plants and other products ---- NIL

# WILD BIODIVERSITY

Format 18 : Trees, Shrubs, Herbs, Tubers, Grasses, Climbers	Format 18 : Trees	, Shrubs.	, Herbs,	Tubers,	Grasses,	Climbers
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1	2	3	4	5		6	
Plant type	Local Name	Scientific Name	Habit	Habitat	Local status		
					Past	Present	
Herb	Aidu	Amomum dealbatum	Perennial herb	Wild	Frequent	Frequent	
Herb	Anchiri	Homalomena aromatica	Aromatic herb	Wild	Frequent	Frequent	
Herb	Anhling	Solanum americanum	Herb	Wild	Frequent	Frequent	
Shrub	Ar hrik reh	Zanthoxylum armatum	Sub-deciduous shrub or small tree	Wild	Frequent	Frequent	
-	Bahra		-		Frequent	Frequent	
Shrub	Builukham nu	Melastoma malabathricum	Evergreen large shrub	Wild	Frequent	Frequent	
Shrub	Builukham pa	Osbeckia stellata	Erect branched shrub	Wild	Frequent	Frequent	
Fern	Chakawk	Diplazium esculentum	Large terrestrial fern	Wild	Frequent	Frequent	
Bamboo	Chal	Bambusa khasiana	Tall grass	Wild	Frequent	Frequent	
Tree	Chawmzil	Ligustrum robustum	Evergreen tree	Wild	Frequent	Frequent	
Tree	Chingit suak	Tetradium fraxinifolium	Small tree Wild		Frequent	Frequent	
Herb	Hnahthial (Pa)	Stachyphrynium placentarium	Perennial herb	Wild	Frequent	Frequent	
Climber	Hruiduk	Mucuna bracteata	Climber	Wild	Frequent	Frequent	

Climber	Hruihmul	Pueraria montana var. lobata	Perennial deciduous hairy climber	Wild	Frequent	Frequent
Cane	Hruipui	Calamus flagellum	Cane	Wild	Frequent	Frequent
Climber	Kai ha	Smilax perfoliata	Large climber	Wild	Frequent	Frequent
Fern	Katchat	Nephrolepis cordifolia	Terrestrial or Epiphytic fern	Wild	Frequent	Frequent
Tree	Kawhte bel	Trevesia palmata	Small evergreen tree	Wild	Frequent	Frequent
Climber	Kawihrui	Entada phaseoloides	Large climber	Wild	Frequent	Frequent
Herb	Kawlbahra	Ipomoea batatas	Perennial prostrate herb	Wild	Frequent	Frequent
Shrub	Kawldai	Justicia adhatoda	Evergreen shrub	Wild	Frequent	Frequent
Climber	Khangpawl	Acacia pruinescens	Large climber with recurved prickles	Wild	Frequent	Frequent
Climber	Khangsen	Acacia megaladena	Climber	Wild	Frequent	Frequent
Bamboo	Mautak	Melocanna baccifera	Evergreen single culm Bamboo	Wild	Frequent	Frequent
Tree	Nauthak	Litsea monopetala	Small tree	Wild	Frequent	Frequent
Tree	Neihlaia thing	Rapanea capitellata	Middle sized evergreen tree	Wild	Frequent	Frequent
Shrub	Pangbal	Manihot esculenta	Herbaceous shrub	Wild	Frequent	Frequent
Tree	Par sen	Litsea salicifolia	Middle sized evergreen tree	Wild	Frequent	Frequent
Under shrub	Pelh	Gnetum gnemon	Evergreen under shrub	Wild	Frequent	Frequent
Herb	Phaiphek	Molineria capitulata	Tufted perennial herb	Wild	Frequent	Frequent
Bamboo	Phulrua	Dendrocalamus hamiltonii	Large tufted bamboo	Cultivated	Frequent	Frequent
Bamboo	Rawnal	Dendrocalamus longispathus	Long sheath bamboo	Cultivated	Frequent	Frequent
Bamboo	Rawthing	Bambusa longsipiculata	Evergreen clumped bamboo	Wild	Frequent	Frequent
Climbing Pear Bamboo	Sairil	Melocalamus compactiflorus	Climbing bamboo	Wild	Frequent	Frequent
Shrub	Saisiak	Fluggea virosa	Large shrub	Wild	Frequent	Frequent
Tree	Sernam	Litsea cubeba	Small tree	Wild	Frequent	Frequent
Shrub	Siali nu chhu	Rubus birmanicus	Large shrub	Wild	Frequent	Frequent
Shrub	Sihneh	Eurya cerasifolia/japonica	Evergreen shrub or small tree	Wild	Frequent	Frequent
Palm	Tartiang	Pinanga gracilis	Erect shrub with simple stem	Wild	Frequent	Frequent
Shrub	Thakpui	Dendrocnide sinuata	Large Evergreen Shrub	Wild	Frequent	Frequent
Tree	Thakthing	Cinamomum aromaticum	Evergreen aromatic tree	Wild	Frequent	Frequent
Climber	Tluangngil	Smilax glabra	Slender climber	Wild	Frequent	Frequent
Shrub	Vahrita thei	Ardisia macrocarpa	Single stemmed shrub	Wild	Frequent	Frequent
Shrub	Vakep	Mussaenda glabra/macrophylla	Large erect shrub	Wild	Frequent	Frequent
Climber	Vako	Thunbergia grandiflora	Large climber	Wild	Frequent	Frequent
Shrub	Vani an	Lycianthes neesiana	Shrub with bluish white flowers	Wild	Frequent	Frequent
Climber	Vawihuih hrui	Paederia foetida	Slender wiry foetid climber	Wild	Frequent	Frequent
Climber	Vuakdup	Willughbeia edulis	Large climber exuding milky juice	Wild	Frequent	Frequent
Tree	Zairum	Anogeissus acuminata	Big tree	Wild	Frequent	Frequent
Climber	Zawnga leihawn	Bauhinia scandens	Large evergreen climber with flat stem	Wild	Frequent	Frequent
Climber	Zawngtur	Pachyrhizus erosus	Perennial climber	Wild	Frequent	Frequent
Tree	Zuang	Duabanga grandiflora	Big tree	Wild	Frequent	Frequent

7	8	9	10	11
Commercial/ own use	Part collected	Associated TK	Other details	Community Knowledge Holder
Own use	cooked soya beans		Plant is used for a cure of enlargement of the liver, young shoots and buds are eaten cooked or fired as vegetables	Mizo
Own use	Stalks, Rhizomes	Stalks are used as vegetables, cooked stalk are eaten to increase breast milk. Rhizomes are used in manufacturing of prefumes	-	Mizo
Own use	Leaves, berries	Water of boiled leaves is taken against urinary problems and stones in kidney. Juice of green berries is applied to ringworm, boils etc.	This plant is eaten cooked as vegetable	Mizo
Own use	Bark, Leaves, fruits	Twigs are used for brushing teeth and branches for walking sticks. Young leaves are eaten cooked as vegetables. Bark, leaves and fruits are used to poison fish.	Bark, fruits and seeds are also used in medicine.	Mizo
Own use	Tuber	-	Tuber is eaten cooked as vegetable	Mizo
Own use	Whole plant	Fruits edible, leaves are used for cuts, diarroea and dysentery	Whole plant is used for high blood pressure	Mizo
Own use	Root	Decoction/infusion of root is useful in diseases of kidney, dysuria, stomach complaints, dysentery and for expelling threadworms from the body	-	Mizo
Own use	Fronds	-	Young fronds are eaten cooked as vegetable	Mizo
Own use	Culms, shoots	Culms are used for receptacle of womans pipe, basket work and building	Young shoots are edible.	Mizo
Own use	Leaves	Leaves are sometimes lopped for cattle fodder	In some places, planted as hedge plant	Mizo
Own use	Fruit	Fruit is used for treating dysentery	-	Mizo
Own use	Leaves	Leaves are used for packing and wrapping foodstuff like cooked rice, raw sugar and other eatable items including fresh vegetables	-	Mizo
Own use	-	The plant is used as a cover crop in Rubber and Oil palm plantation	-	Mizo
Own use	Roots, Leaves	Roots are used to poison fish	Leaves are eaten by cattle and buffaloes	Mizo
Own use	Cane, leaves	Cane is used for making furniture and basket, leaves for thatching	-	Mizo
Own use	Stem	Pieces of stem are used for cleaning teeth	-	Mizo
Own use	-	-	-	Mizo
Own use	Shoots, flowers, fruits	Shoots, young fruits and flower buds are eaten as vegetable	Roots and leaves are used to treat stomach-ache	Mizo
Own use	Leaves, seeds	Seeds are used for washing hairs and splitted stem for tying purposes. It is also used for playing games by Mizo boys and girls. Pounded seeds mixed with water is used for expelling leeches from cattle nostrils	Tender leaves are eaten cooked as vegetable. Seeds are roasted and eaten.	Mizo
Own use	Leaves	Leaves are eaten cooked as vegetable, and also used against diarrhoea, dysentery, stomach-ache, digestive troubles, diabetes etc	-	Mizo
Own use	Leaves	Decoction of leaves is used for dysentery, jaundice, malarial fever, asthma, bronchitis and juice of the crushed leaves is applied to fresh cuts.	Leaves dired and made into cigarettes are smoked in asthma, juice is used for diarroea and dysentery	Mizo
Own use	Leaves	Tender leaves are acid and eaten as vegetable.	Plants are prescribed for asthma, bronchitis and pneumonia. Leaves are also used in scabies and	Mizo

			snake bite	
Own use	Bark	Bark is used as fish poison and medicine	-	Mizo
Own use	Culm, Tender shoots	Culm is used for building,. Paper pulp and also used for making house walls, thatching, mats, baskets etc. the glossy surface of the stem is scraped and powder is applied to fresh cuts.	Tender shoots are boiled and eaten, used in curries and pickles.	Mizo
Own use	Leaves	Muga silkworm feeds on the leaves, leaves for cattle fodder	Roots abrk and leaves are used in medicine	Mizo
Own use	-	-	Wood with a faint garlic smell, reddish brown hard , very elastic and used for building, firewood etc	Mizo
Own use	Roots, shoots	Tuberous roots are eaten cooked or fried.	Tuberous roots are used externally for skin diseases	Mizo
Own use	-		Wood used for building and firewood	Mizo
Own use	Leaves, flower, fruit	The tender leaves including flowers and fruits are cooked or fried eaten as vegetable. Seeds are also roasted and eaten	Fibres of inner bark are good for nets and ropes	Mizo
Own use	Tuber, Petiole	Juice of the crushed tuber is used to cure abdominal pain and to stop bleeding	Tender white petiole is also used for liver problems and stomach pain	Mizo
Own use	Culms, shoots	Culms are used for temporary building, mats, baskets, agarbati sticks, paper, fuel, gutters, water vessel etc	Young shoots are eaten cooked as vegetables	Mizo
Own use	Culms, Shoots	Culms are used for making paper pulp, baskets, building etc	Young shoots are eaten cooked as vegetables	Mizo
Own use	Culms, shoots	Culms are used for building purposes	Young shoots are eaten cooked as vegetables	Mizo
Own use	Stem	It is used for making hats, baskets etc.	Juice of stem is used for influenza and applied to scalp for curing dandruff, falling hairs and baldness.	Mizo
Own use	Bark, Leaves	Bark used for poisoning fish. Decoction of the leaves used in case of both measles, chicken pox, scabies and skin itching.	-	Mizo
Own use	Leaves, berries	Silkworm reared on the leaves. Boiled water of berries are used for sciatica and high blood pressure	Young berries are used for flavouring	Mizo
Own use	-	-	-	Mizo
Own use	Leaves	Tender leaves are eaten cooked with rice or meats	Wood used for firewood and charcoal	Mizo
Own use	Fruit, leaves	Fruit is chewed like betel nut. Leaves are also used in roofing native huts	-	Mizo
Own use	Roots	Decoction of roots is used in diseases of liver, jaundice, fever, chicken pox, skin itching.	Pounded roots with crabs are prescribed in malaria and jaundice	Mizo
Own use	Bark, Root-bark	Wood is used for construction, firewood etc. dried bark and buds are used as spice.	Bark is also used in the treatment of diabetes, fevers, heart diseases, kidney disorders, piles, colic, dyspepsia, diarrhea, nausea, cough, cold, headache, toothache, rheumatism, cancer etc	Mizo
Own use	Roots, Leaves	Pounded tuberous roots is employed in rheumatism, stomach ache and diarrhoea. Decoction of leaves is also taken for curing tonsillitis	-	Mizo
Own use	-	-	Sometimes, It is planted for ornamental purposes, ideal pot plant for indoor decorations.	Mizo
Own use	Bark, Leaves	Bark and leaves are useful in application of snake bites	-	Mizo
Own use	Leaves	Juice of the leaves is useful for diabetes, eye diseases, fresh cuts.	-	Mizo

Own use	Leaves	-	Leaves are eaten cooked as vegetable	Mizo		
Own use	Stem, Leaves	Juice of the crushed leaves is used for diarrhoea and dysentery. Stem	-	Mizo		
		and leaves are also chewed for relief in toothache				
Own use	-	-	It yields an inferior kind of caoutchouc	Mizo		
Own use	Wood, bark, leaves	Wood is hard used for house posts, tool handles, fuel and charcoal.	Leaves are cooked with water and the water is	Mizo		
		Decoction of bark is used in stomach pain, fever, diarrhoea, measles, used for treating high blood pressure				
		chicken pox, sprains and burns.				
Own use	Bark	Bark is used for making rope	-	Mizo		
Own use	Tubers	Tubers are usedfor treatment of dysuria, cough, rheumatism,	Tuberous roots are sweet and eaten by man and	Mizo		
		malarial fevere etc	wild animals			
Own use	Wood, bark	Bark is bruised and boiled with soil impregnated with urine to	Wood is used for house building,	Mizo		
		produce a bluish dye	scaffolding, plywood, firewood etc			

# Format 19 : Wild Plant Species of Importance

1	2	3	4	5
Local Name	Scientific Name	Variety	Importance (Economic, Social & Cultural)	Status
Anchiri	Homalomena aromatica	Wild	Rhizome and petiole are medicinal, it is also used for making fragrance	Frequent
Belthei	Aegle marmelos	Wild	Fruit is useful in diabetes, digestion, dysentery and diarrhoea. Root bark is used for poisoning of fish.	Frequent
Beltur	Ostodes paniculata	Wild	Wood used for firewood. Gum from tree is used for making paper. Leaves as fodder	Frequent
Builukham	<i>Osbeckia</i> sp.	Wild	Leaves are used for cuts, diarrhoea nad dysentery. Whole plant is used for hypertension	Frequent
Hnahthial	Phrynium/Stachyphrynium sp.	Wild	Leaves are used for packing and wrapping food stuff and vegetables, also used for carpeting rice bin	Frequent
Hruivankai	Tinospora sinensis	Wild	Juice of the pounded rhizome is used in indigestion, stomach trouble, dysuria, dysentery.	Frequent
Khaupui	Sterculia villosa	Wild	Bark yields a strong fibre. Decoction of bark is used cholera, dysentery, diarrhoea and tonsilities	Frequent
Phaktel	Bridelia montana	Wild	Wood is used for posts, tool handles, house construction, firewood etc. Roots and bark are medicine.	Frequent
Rulei	Millettia pachycarpa	Wild	Roots and pods are used to poison fish. Juice of crushed roots is applied on mange of pigs	Frequent
Saithei	Gynocardia odorata	Wild	Fruit is hit, anthelmintic, used in bronchitis, ulcers, skin diaseses, small tumors and slightly	Frequent
Zairum	Anogeissus acuminata	Wild	inflammations, leprosy, diabetes, etc. decoction of rott bark is also recommended for diabetes. Wood is used for charcoal,fuel, tool handles. Water of cooked leaves is taken as remedy for high blood pressure. Decoction of bark is used in stomach troubles, fever, diarrhoea and also applied on	Frequent
			measles, chicken pox, sprains and burns	
Zihnghal	Stereospermum tetragonum	Wild	Wood is used for house construction, furniture, tool handles, firewood etc. leaves are lopped for fodder. Bark and young leaves are used as remedy for fever, stomach-ache etc. roots and flowers are also used medicinally.	Frequent

# Format 20 : Aquatic Biodiversity :

1	2	3	4	5	6	
Local Name	Scientific Name	Variety	Features	Habitat	Local Status	
					Past	Present
Chakai	Potamonautes sp	Local	-	Rivers and Streams	Frequent	Frequent
Chengkawl	Bithynia tentaculata	Local	-	Rivers and Streams	Frequent	Frequent
Dawntial	Acanthocobitis botia	Local	-	Rivers and Streams	Frequent	Frequent
Dawntial	Nemacheilus savona	Local	-	Rivers and Streams	Frequent	Frequent
Dawntial	Nemacheilus scaturigina	Local	-	Rivers and Streams	Frequent	Frequent

Dawntial	Schistura sp/ Acanthococbitis botia	Local	-	Rivers and Streams	Frequent	Frequent
Hmursawp	Garra cf. gotyla	Local	-	Rivers and Streams	Frequent	Frequent
Kaikuang	Macrobrachium rosenbergii	Local	-	Rivers and Streams	Frequent	Frequent
Lengphar	Barilius barila	Local	-	Rivers and Streams	Frequent	Frequent
Nghadarthlalang	Parambasis serrata	Local	-	Rivers and Streams	Less frequent	Less frequent
Nghadawl	Devario devario and Devario aequipinnatus	Local	-	Rivers and Streams	Frequent	Frequent
Nghadungtial	Laubuka parafasciata	Local	-	Rivers and Streams	Frequent	Frequent
Nghafunglawr	Xenentodon cancila	Local	-	Rivers and Streams	Less frequent	Less frequent
Nghafunglawr	Dermogenys pusilla	Local	-	Rivers and Streams	Less frequent	Less frequent
Nghakhuai	Olyra longicaudata	Local	-	Rivers and Streams	Frequent	Frequent
Nghalerh	Macrognathus sp	Local	-	Rivers and Streams	Frequent	Frequent
Nghalim	Garra manipurensis and Gara tyao	Local	-	Rivers and Streams	Frequent	Frequent
Nghameidum	<i>Pethia</i> sp	Local	-	Rivers and Streams	Frequent	Frequent
Ngharul	Anguilla bengalensis	Local	-	Rivers and Streams	Less frequent	Less frequent
Nghavawk	Channa gachua	Local	-	Rivers and Streams	Frequent	Frequent
Nghazawngek	Garra lissorhynchus	Local	-	Rivers and Streams	Frequent	Frequent
Sarba	Glyptothorax sp	Local	-	Rivers and Streams	Frequent	Frequent
Satel	Melanochelys tricarinata	Local	-	Rivers and Streams	Frequent	Frequent
Sumsi	Lissemys punctata	Local	-	Rivers and Streams	Less frequent	Less frequent
Tui Satel	Batagur dhongoka	Local	-	Rivers and Streams	Less frequent	Less frequent
Tuikep	Oyster	Local	-	Rivers and Streams	Less frequent	Less frequent
Uchang	Euphlyctis cyanophlyctis	Local	-	Rivers and Streams	Frequent	Frequent
UChang (Chung U)	Uperodon systoma	Local	-	Rivers and Streams	Frequent	Frequent
Utawk	Bufo stomaticus	Local	-	Rivers and Streams	Frequent	Frequent

7	8	9	10
Uses	Associated TK	Other details	Community/Knowledge Holder
Own use, edible	-		Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-		Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo

Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo
Own use, edible	-	-	Mizo

Format 21 : Wild Aquatic Plant Species of Importance - NIL

# Format 22 : Wild Plants of Medicinal Importance

1	2	3	4	5	6		
Plant (tree,	Local Name	Scientific Name	Variety	Landscape	Local Status		
shrub, herb)				/Habitat	Past	Present	
Herb	Aieng	Curcuma longa	Local	Wild	Frequent	Frequent	
Herb	Anchiri	Homalomena aromaticum	Local	Wild	Frequent	Frequent	
Climber	Ar-a fanghma	Cyclanthera pedata	Local	Wild	Frequent	Frequent	
Tree	Archangkawm	Oroxylum indicum	Local	Wild	Frequent	Frequent	
Fern	Awmvel	Platycerium wallichii	Local	Wild	Frequent	Frequent	
Climber	Bachhim	Dioscorea alata	Local	Wild	Frequent	Frequent	
Herb	Bahkhawr	Eryngium foetidum	Local	Wild	Frequent	Frequent	
Herb	Bakkhate	Glinus oppositifolius	Local	Wild	Frequent	Frequent	
Tree	Belthei	Aegle marmelos	Local	Wild	Frequent	Frequent	
Sub-shrub	Buarze	Blumea lanceolaria	Local	Wild	Frequent	Frequent	
Shrub	Builukham Pa/Nu	Osbeckia crinita/chinensis	Local	Wild	Frequent	Frequent	
Shrub	Chawng	Euphorbia royleana	Local	Wild	Frequent	Frequent	
Tree	Chhawntual	Aporosa octandra	Local	Wild	Frequent	Frequent	
Grass	Fu	Saccharum officinarum	Local	Wild	Frequent	Frequent	
Climber	Hlozak/Hlonuar	Mimosa pudica	Local	Wild	Frequent	Frequent	
Tree	Hnahkiah	Callicarpa arborea	Local	Wild	Frequent	Frequent	
Climber	Hruivankai	Tinospora sinensis	Local	Wild	Frequent	Frequent	
Climber	Japanhlo	Mikania micrantha	Local	Wild	Frequent	Frequent	
Tree	Kawhtebel	Trevesia palmata	Local	Wild	Frequent	Frequent	
Shrub	Kawldai	Justicia adhatoda	Local Wild Frequent		Frequent	Frequent	
Herb	Kelba-an	Plantago major	Local	Wild	Frequent	Frequent	
Climber	Kelhnamtur	Hedyotis scandens	Local	Wild	Frequent	Frequent	
Herb	Kham damdawi	Bergenia pacumbis	Local	Wild	Frequent	Frequent	

Herb	Khatual	Picria felterrae	Local	Wild	Frequent	Frequent
Tree	Khawitur	Hydnocarpus kurzii	Local	Wild	Frequent	Frequent
Tree	Khawmhma	Rhus chinensis	Local	Wild	Frequent	Frequent
Herb	Lambak	Centella asiatica	Local	Wild	Frequent	Frequent
Climber	Maipawl	Benincasa hispida	Local	Wild	Frequent	Frequent
Herb	Mitthi Sunhlu	Phyllanthus urinaria	Local	Wild	Frequent	Frequent
Tree	Nauthak	Litsea monopetala	Local	Wild	Frequent	Frequent
Tree	Neem	Azadirachta indica	Local	Wild	Frequent	Frequent
Shrub	Nimbu	Citrus limon	Local	Wild	Frequent	Frequent
Undershrub	Perhpawng chaw	Scoparia dulcis	Local	Wild	Frequent	Frequent
Shrub	Phuihnam	Clerodendrum colebrookianum	Local	Wild	Frequent	Frequent
Shrub	Saisiak	Flueggea virosa	Local	Wild	Frequent	Frequent
Climber	Sarzuk	Elaeagnus sp	Local	Wild	Frequent	Frequent
Herb	Sawhthing	Zingiber officinale	Local	Wild	Frequent	Frequent
Herb	Sekhupthur	Begonia sp.	Local	Wild	Frequent	Frequent
Herb	Sumbul	Cheilocostus speciosus	Local	Wild	Frequent	Frequent
Shrub	Tawkpui	Solanum torvum	Local	Wild	Frequent	Frequent
Shrub	Tawkte	Solanum anguivi	Local	Wild	Frequent	Frequent
Herb	Thasuih	Lindernia ruellioides	Local	Wild	Frequent	Frequent
Tree	Theihai	Mangifera indica	Local	Wild	Frequent	Frequent
Climber	Theikelki	Stelmocrypton khasianum	Local	Wild	Frequent	Frequent
Tree	Thingfanghma	Carica papaya	Local	Wild	Frequent	Frequent
Tree	Thingsia	Castanopsis tribuloides	Local	Wild	Frequent	Frequent
Tree	Thuamriat	Alstonia scholaris	Local	Wild	Frequent	Frequent
Shrub	Tlangsam	Chromolaena odorata	Local	Wild	Frequent	Frequent
Climber	Tluangngil	Smilax glabra	Local	Wild	Frequent	Frequent
Herb	Tumbu	Musa sp.	Local	Wild	Frequent	Frequent
Herb	Uithinthang	Houttuynia cordata	Local	Wild	Frequent	Frequent
Climber	Va ko	Thunbergia alata	Local	Wild	Frequent	Frequent
Shrub	Vakep	Mussaenda roxburghii/Mussaenda glabra	Local	Wild	Frequent	Frequent
Climber	Vawihuihhrui	Paederia foetidia	Local	Wild	Frequent	Frequent
Tree	Zihnghal	Stereospermum tetragonum/chelonoides	Local	Wild	Frequent	Frequent
Climber	Zuanghnuang	Byttneria grandifolia	Local	Wild	Frequent	Frequent

7	8	9	10	11
Associated TK		Part used	Other details	Community/
			Market/	Knowledge Holder
			own use	
Juice of rhizome is used for stomach ulcer, jaundice, doarrhoea, dysentery, cholera, asthma,	Medicinal	Rhizome	Own use	Mizo
food poisoning, and also used as a tonic for blood purifier				
Stalks are used as vegetables, cooked stalk are eaten to increase breast milk. Rhizomes are used	Medicinal	Stalks, Rhizomes	Own use	Mizo
in manufacturing of prefumes				
Fruit is rich in antioxidant and used in medicine	Medicinal	Fruit	Own use	Mizo

Decoction of root & bark is used in fevers, colic, stomach ulcer, indigestion, dysentery,	Medicinal	Leaves, fruit, bark	Own use	Mizo
diarrhoea etc. Poultice of the bark is applied to rheumatism, sprains, imflammations and skin				
diseases. Decoction of leaves is used in flatulence, ulcers, etc. decoction of fruit is used to				
treat diseases iof liver, hepatitis etc	Mallalast	T	0	) <i>(</i> '
Juice of leaves is applied to herpes eruptions	Medicinal	Leaves	Own use	Mizo
Tubers and Bulbil are use as vegetable and also used to treat cancer	Medicinal	Tuber, Bulbil	Own use	Mizo
Leaves are used for flavouring curry. They are used for expulsion of threadworms from the	Medicinal	Leaves, roots	Own use	Mizo
body, as a remedy for food poisoning. Roots and leaves are boiled for treating malarial fever,				
diabetes, pneumonia, constipation				2.41
Whole Plant is medicinal	Medicinal	Leaves	Own use	Mizo
Fruit is useful in diabetes, digestion, dysentery and diarrhoea. Root bark is used for poisoning	Medicinal	Fruit, Bark	Own use	Mizo
of fish.				
Decoction of leaves used in ulcer, asthma, sores, dandruff etc	Medicinal	Leaves	Own use	Mizo
Decoction of roots is used in diarrhoea, dysentery, hepatitis etc, leaves for toothache	Medicinal	Root & leaves	Own use	Mizo
Pith of this shrub and unripe fruit of papaya are cooked with chicken and water is taken against	Medicinal	Shrub, milky juie	Own use	Mizo
diseases of liver, chronic fever. Milky juice is used externally for ringworm, rheumatism,				
sciatica, boils, warts etc				
Bark and leaves decoction used in stomach ulcer, diarrhoea and dysentery.	Medicinal	Bark, Leaves	Own use	Mizo
Juice of the stem is used as a remedy for jaundice, purifies blood, good for lungs, diuretic etc	Medicinal	Stem juice	Own use	Mizo
Roots decoction used in piles and jaundice, diseases of liver and kidney etc	Medicinal	Roots	Own use	Mizo
Decoction of bark and leaves used for diabetes, cholera, internal bleeding, stomach ulcer etc.	Medicinal	Bark & Leaves	Own use	Mizo
Leaves are used for fermenting cooked soya bean (Bekang), famous mizo dish.				
Juice of the pounded rhizome is used in indigestion, stomach trouble, dysuria, dysentery.	Medicinal	Rhizome	Own use	Mizo
Leaf juice applied on fresh wounds, stomach pain & ulcer	Medicinal	Leaves	Own use	Mizo
Roots and leaves are used to treat stomachache	Medicinal	Root, leaves	Own use	Mizo
Decoction of leaves is used for dysentery, jaundice, malarial fever, asthma, bronchitis, and	Medicinal	Leaves	Own use	Mizo
juice of the crushed leaves is also applied to fresh cuts				
The leaves are eaten raw in salad or cooked as a pot herb. The plant is very rich in vitamin B11	Medicinal	Whole plant	Own use	Mizo
and Riboflavin. Decoction of the whole plant is used in malarial fever, diabetes and		1		
tuberculosis. Warm water of cooked leaves is retained in mouth sore and tooth-ache. Juice of				
the leaves is externally used for wounds, boils, chronic ulcers, cuts, otitis, sprains, stings,				
swellings etc. leaves are crushed with fruits of Solanum anguivi and applied to pimples and				
small boils on the face. Poultice of leaves is also bound to cuts to draw out thorns and splinters.				
Decoction of roots/leaves is medicinal. The plant is also used as fish poison	Medicinal	Roots & leaves	Own use	Mizo
Bitter root is used in fever, dysuria, spleen enlargement, liver diseases, stomachache, diarrhoea,	Medicinal	Root	Own use	Mizo
dysentery etc and also applied to wounds, sores and boils.				
Bitter leaves are used for making Sa-chek. Decoction of the plant is prescribed as a remedy for	Medicinal	Whole plant	Own use	Mizo
enlarged spleen, fever and stomachache.		1		
Seeds yields chaulumugra oil which is used in rheumatism, leprosy, psoriasis and other skin	Medicinal	Seeds	Own use	Mizo
diseases.				
Decoction of fruit & Leaves used in various diseases	Medicinal	Leaves & fruits	Own use	Mizo
Plant is used in diabetes, jaundice, pile,dysentery,diarrhoea,hypertension etc	Medicinal	Whole plant	Own use	Mizo
Juice of fruit is used for diarrhoea, cholera, diabetes, vomiting, kidney problems	Medicinal	Fruit & Leaves	Own use	Mizo
Roots and leaves are used in medicine	Medicinal	Roots and leaves	Own use	Mizo

Juice of the whole plant is used for cholera, dyenstery, fever, liver problems and jaundice,	Medicinal	Whole plant	Own use	Mizo
diabetes etc				
Muga silkworm feeds on the leaves. Roots, bark and leaves are used in medicine	Medicinal	Root, bark, leaves	Own use	Mizo
Boiled water of leaves is used to treat diabetes, hypertension, stomach problems etc	Medicinal	Leaves	Own use	Mizo
Juice of the pounded leaves, stem and roots are used in diabetes, stomach troubles, nausea,	Medicinal	Leaves, stem,	Own use	Mizo
diarrhea, dysentery, toothache and also removal of stones in kidney. Juice of the leaves is also		Roots		
useful as external applications for snake bite, sores, burns and cuts.				
Leaf juice used in High blood pressure	Medicinal	Leaves	Own use	Mizo
Decoction of leaves used in measles, chicken pox, scabies etc	Medicinal	Leaves	Own use	Mizo
Decoction of roots and leaves is used for treating menstrual and urinary problems	Medicinal	Roots & leaves	Own use	Mizo
Rhizomes are used as spice and condiment, taken as a cure for food poisoning. Juice of	Medicinal	Rhizome	Own use	Mizo
pounded rhizome is is given to women in case of sufficient supply of milk for their children				
and also dropped into the ear when attacked by ticks.				
Stem and leaves are eaten against diarrhoea and dysentery, juice of the sten or stalk is also	Medicinal	Leaves, stem	Own use	Mizo
applied to rash or sores etc				
Juice of crushed roots used in diseases of kidney, fever, jaundice, bronchitis etc	Medicinal	Roots	Own use	Mizo
-do-	Medicinal	Fruit	Own use	Mizo
Unripe fruit are eaten as vegetable. Roots and fruit are used in high blood pressure, asthma,	Medicinal	Fruit	Own use	Mizo
dysuria, fever, colic. Crushed fruit is used in burns, boils etc				
Whole plant is used as poultice for cramps, rheumatism, sciatica, wounds etc	Medicinal	Whole plant	Own use	Mizo
Young leaves are cooked and juice is eaten for food poisoning, diarrhoea, dysentery etc	Medicinal	Leaves	Own use	Mizo
Roots or leaves are cooked and water is taken for curing diseases of liver and jaundice	Medicinal	Roots, Leaves	Own use	Mizo
Fruit is edible and used for constipation, stomach troubles, juice of boiled leaves is used in	Medicinal	Leaves, fruit	Own use	Mizo
treating stomach ulcer, cancer and other stomach related problems		,		
Juice of bark and stem is used for infection, wounds and cuts etc	Medicinal	Bark, stem	Own use	Mizo
Bark is useful in treatment of high blood pressure, asthma, typhoid, malaria, diarrhoea,	Medicinal	Bark and juice	Own use	Mizo
dysentery. Milky juice applied in fresh cuts, sores, ringworm, wart, etc		5		
Juice of the leaves applied to fresh cuts	Medicinal	Leaves	Own use	Mizo
Pounded tuberous roots are used as rheumatism, stomach ache and diarrhoea. Decoction of	Medicinal	Leaves, Roots	Own use	Mizo
leaves is also taken for curing tonsilities.		,		
Plaintain is cooked with water and water is drink for treating deficiency of white blood	Medicinal	Buds	Own use	Mizo
Whole plant is used in medicine, used for treating cancer, liver problems etc	Medicinal	Whole plant	Own use	Mizo
Decoction of leave used against diabetes, new cuts, stomach problem etc and also for treatment	Medicinal	Leaves	Own use	Mizo
of cancer				
Bark and leaves are useful in snake bites	Medicinal	Bark, Levaes	Own use	Mizo
The whole plant is regarded as a specific for rheumatic affection, in which it is administered	Medicinal	Whole plant	Own use	Mizo
both internally and externally. Juice of crushed leaves is used in diarrhoea and dysentery. Stem		····· r		-
and leaves are also chewed for relief in tooth-ache				
Leaves are lopped for fodder. Bark and young leaves are used as remedy for fever, stomach	Medicinal	Leaves	Own use	Mizo
pain etc				
Stem juice used for mouth sore, stomach ulcer etc	Medicinal	Stem	Own use	Mizo

#### Format 23 : Wild relatives of Crops

1	2	3	4	5		6
Local Name	Scientific Name	Associated	Landscape/	Local	status	Uses (Usage)
		crops	Habitat	Past	Present	
Aidu	Amomum dealbatum	All Jhum crops	Wild	Frequent	Frequent	Young shoots and buds are eaten cooked or fried as vegetables
Anhling	Solanum americanum	All Jhum crops	Wild	Frequent	Frequent	Leaves are eaten cooked as vegetables
Ankasate	Acmella paniculata	All Jhum crops	Wild	Frequent	Frequent	Leaves with stem are used as a vegetable
Ankhapui	Marsdenia maculata	All Jhum crops	Wild	Frequent	Frequent	Young stem and leaves are cooked eaten as vegetables
Ankhate	Marsdenia formosana	All Jhum crops	Wild	Frequent	Frequent	Tender leaves are eaten cooked as vegetable
Archangkawm	Oroxylum indicum	All Jhum crops	Wild	Frequent	Frequent	Decoction of root & bark is used in fevers, colic, stomach ulcer, indigestion, dysentery, diarrhoea etc. Poultice of the bark is applied to rheumatism, sprains, imflammations and skin diseases. Decoction of leaves is used in flatulence, ulcers, etc. decoction of fruit is used to treat diseases iof liver, hepatitis etc
Baibing	Alocasia fornicata	All Jhum crops	Wild	Frequent	Frequent	Spadix and stem are eaten cooked as vegetables
Buarpui	Trachycarpus martianus	All Jhum crops	Wild	Frequent	Frequent	Flower bud is cooked eaten or fried as vegetable. Shoots are also eaten cooked as vegetable.
Chakawk	Diplazium esculentum	All Jhum crops	Wild	Frequent	Frequent	Tender leaves are eaten cooked as vegetable
Changpui	Musa sikkimensis	All Jhum crops	Wild	Frequent	Frequent	Flower buds are eaten cooked as vegetable, stems are used for pig's feed and leaves for cattle fodder
Changthir	Musa balbisiana	All Jhum crops	Wild	Frequent	Frequent	Flower buds are eaten cooked as vegetable, stems are used for pig's feed and leaves for cattle fodder
Changvandawt	Musa ornata	All Jhum crops	Wild	Frequent	Frequent	Flower buds are eaten cooked as vegetable, stems are used for pig's feed and leaves for cattle fodder
Chimchawk	Aralia foliosa var. sikkimensis	All Jhum crops	Wild	Frequent	Frequent	Tender leaves are eaten cooked as vegetables
Hmuipui	Syzygium cumini	All Jhum crops	Wild	Frequent	Frequent	Wood moderately hard is used for plywood, tool handles, posts, door frames, panels, firewood, gunstocks etc
Kawhtebel	Trevesia palmata	All Jhum crops	Wild	Frequent	Frequent	The shoots, flower buds and young fruits are eaten as vegetable
Kha um	Hodgsonia heteroclita	All Jhum crops	Wild	Frequent	Frequent	Seeds are eaten roasted or fried
Khanghu	Acacia pennata	All Jhum crops	Wild	Frequent	Frequent	Tender leaves are eaten cooked as vegetable
Lairawk	Musa ochracea	All Jhum crops	Wild	Frequent	Frequent	Flower buds are eaten cooked as vegetable, stems are used for pig's feed and leaves for cattle fodder
Nauawimu	Solena amplexicaulis	All Jhum crops	Wild	Frequent	Frequent	Tender leaves are eaten cooked as vegetable
Pelh	Gnetum gnemon	All Jhum crops	Wild	Frequent	Frequent	Tender leaves, flowers and fruits are eaten cooked or fried as vegetable. Seeds are also raosted and eaten
Phuihnam	Clerodendrum colebrookianum	All Jhum crops	Wild	Frequent	Frequent	Tender leaves are cooked eaten as vegetable, also used for fermenting cooked soyabean
Reng an	Senna occidentalis	All Jhum crops	Wild	Frequent	Frequent	Tender leaves are eaten cokked as vegetable
Saisu	Ensete glaucum	All Jhum crops	Wild	Frequent	Frequent	Succulent leaf sheaths, young flowers and bracts of spadix are eaten cooked as vegetable
Sapthei	Passiflora edulis	All Jhum crops	Wild	Frequent	Frequent	Leaves are cooked eaten as vegetable
Sihneh	Eurya cerasifolia	All Jhum crops	Wild	Frequent	Frequent	Tender leaves are eaten cooked with rice or meals

Tawkpui	Solanum torvum	All Jhum crops	Wild	Frequent	Frequent	Fruits are eaten cooked or fried as vegetables
Telhawng	Amorphophallus sp.	All Jhum crops	Wild	Frequent	Frequent	Corm and young leaf stalk and shoots are eaten cooked as veg.
Thingthupui	Calamus tenuis	All Jhum crops	Wild	Frequent	Frequent	Under developed shoots are used as vegetable
Thurpui	Tetrastigma lanceolarium	All Jhum crops	Wild	Frequent	Frequent	Ripe fruits are edible
Tum	Caryota urens	All Jhum crops	Wild	Frequent	Frequent	Wood is employed for many domestic purposes
Tumbu	Musa sp.	All Jhum crops	Wild	Frequent	Frequent	Young bud is eaten cooked as vegetable
Uithinthang	Houttuynia cordata	All Jhum crops	Wild	Frequent	Frequent	Whole plant is eaten raw or cooked as vegetable
Vani an	Lycianthes neesiana	All Jhum crops	Wild	Frequent	Frequent	Leaves are eaten cooked as vegetable

7	8	9	10
Part Used	Associated TK	Other details	Community/ knowledge holder
Shoots, buds	The plant is used for a cure of enlargement of liver and the stem for tying purposes. Leaves are used for fermenting cooked soya beans.	-	Mizo
Leaves, berries	Water of boiled leaves is taken against urinary problems and stones in kidney. Juice of green berries is applied to ringworm, boils etc.	-	Mizo
Stem, leaves	Flowers are chewed to relive toothache and affections of the gums and throat	-	Mizo
Stem, leaves	As the taste of this plant is bitter, it is used to take for High Blood pressure and diabetes	-	Mizo
Leaves	-	-	Mizo
Roots, bark, leaves	Decoction of root & bark is used in fevers, colic, stomach ulcer, indigestion, dysentery, diarrhoea etc. Poultice of the bark is applied to rheumatism, sprains, imflammations and skin diseases. Decoction of leaves is used in flatulence, ulcers, etc. decoction of fruit is used to treat diseases of liver, hepatitis etc	-	Mizo
Spadix, stem	Juice of the plant is used externally for snake bite. Leaf is also used for catching land leech from the body	-	Mizo
Flower bud, shoots	Flower bud is cooked eaten as vegetable and is also used for reducing high blood pressure	-	
Leaves	-	-	Mizo
Leaves, fruit	Young leaves are eaten as vegetable, but several changes of water is needed while cooking. Decoction of fruit is used against stomach-ache, dysentery	-	Mizo
Seeds	-	-	Mizo
Leaves, buds	Leaves are used for feasts instead of rice plates. Stems are used for pig feed. Leaves are also used for cattle fodder	-	Mizo
Leaves	-	-	Mizo
Seed, leaves	Seed is used to treat diabetes, and bark for fever, jaundice, urinary problems etc. Tassar silkworm feed on its leaves	-	Mizo
Whole plant	Roots and leaves are used to treat stomachache, leaves are also used as fodder	-	Mizo
Leaf, flowers, spadix	Juice of stem is used in severe fever and giddiness of children.	-	Mizo
Leaves	-	-	Mizo
Fruit, shoots, leaves	Decoction of leaves is given to women after birth	-	Mizo
Leaves	Fruit is used as soap for washing clothes, fibrous fruit as brush for pots, plates etc. decoction of roots is recommende for treating malaria, diabetes and seeds as a purgative	-	Mizo
Leaves, flowers, fruit and seeds	Fibres of inner bark are good for nets and ropes	-	Mizo
Leaves, Flowers	Decoction of leaves is used to reduce high blood pressure and decrease breast feeding mother's breast milk, also used to heal acute mastities	-	Mizo

Leaves, flowers		-	Mizo
Whole plant		-	Mizo
Leaves, fruit	Ripe fruit is useful for jaundice and liver problems	-	Mizo
Leaves	Wood is used for firewood and charcoal	-	Mizo
Fruit	fruit is medicinal used to treat hypertension and diabetes	-	Mizo
Corm, young leaf,	The corm with Ching-al (Lye) is boiled to remove irritants. So, the boiled corm is mixed with Sa-um (fermented	-	Mizo
shoot	pork fat), Ching-al (Lye) and Salt and then eaten as curry (Traditional Mizo Dish)		
Shoot, leaves	It is used for making baskets, mats, furniture, chairs etc and fruit is edible	-	Mizo
Fruit, leaves	Leaves are eaten cooked as vegetable and also used for pig's feed	-	Mizo
Whole plant	Fibre is made into ropes, brushes, brooms, basket etc. terminal bud is eaten cooked as vegetable	-	Mizo
Bud, stem, leaves	Leaves are used for feasts instead of rice plates. Stems are used for pig feed. Leaves are also used for cattle fodder	-	Mizo
Whole plant	Whole plant is used in medicine, used for treating cancer etc	-	Mizo
Leaves		-	Mizo

### Format 24 : Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial/ Non	Associated TK	Other details	Community/
				commercial uses			Knowledge Holder
April par	Delonix regia	Local	Home garden	Non commercial	-	-	Mizo
April parte	Caesalpina pulcherrima	Local	Home garden	Non commercial	-	-	Mizo
Ar-tukkhuan	Mirabilis jalapa	Local	Home garden	Non commercial	-	-	Mizo
Chawnpui	Lagerstroemia speciosa	Local	Home garden	Non commercial	-	-	Mizo
Christmas par	Poinsettia pulcherrima						
Chuailopar	Gomphrena globosa	Local	Home garden	Non commercial	-	-	Mizo
Dahlia	Dahlia pinnata	Local	Home garden	Non commercial	-	-	Mizo
Derhken	Tagetes erecta	Local	Home garden	Non commercial	-	-	Mizo
Di par	Gladiolus dalenii/natalensis	Local	Home garden	Non commercial	-	-	Mizo
Dingdi	Asclepias curassavica	Local	Home garden	Non commercial	-	-	Mizo
Far	Pinus sp.	Local	Home garden	Non commercial	-	-	Mizo
Fartuah	Erythrina stricta	Local	Home garden	Non commercial	-	-	Mizo
Forget me not	Durranta erecta	Local	Home garden	Non commercial	-	-	Mizo
Geranium	Pelargonium sp	Local	Home garden	Non commercial	-	-	Mizo
Hling lukhum	Euphorbia milii	Local	Home garden	Non commercial	-	-	Mizo
Hnahsinpar	Cosmos bipinnatus	Local	Home garden	Non commercial	-	-	Mizo
Kumtluang	Catharanthus roseus	Local	Home garden	Non commercial	-	-	Mizo
Kungpuimuthi	Canna indica	Local	Home garden	Non commercial	-	-	Mizo
Lilypar	<i>Lilium</i> sp	Local	Home garden	Non commercial	-	-	Mizo
Makpazangkang	Cassia javanica spp nodosa	Local	Home garden	Non commercial	-	-	Mizo
Mawza par	Salvia splendens	Local	Home garden	Non commercial	-	-	Mizo
(Salvia)							
Midum pangpar	Hibiscus rosa-sinensis	Local	Home garden	Non commercial	-	-	Mizo
Mualhawihte	Ixora coccinea	Local	Home garden	Non commercial	-	-	Mizo
Nauban	Orchid	Local	Home garden	Non commercial	-	-	Mizo

Nghasih par	Cleoserrata speciosa	Local	Home garden	Non commercial	-	-	Mizo
Nuaithang	Impatiens balsamina	Local	Home garden	Non commercial	-	-	Mizo
Rose par	Rosa indica	Local	Home garden	Non commercial	-	-	Mizo
Sappangpar	Zinnia sp	Local	Home garden	Non commercial	-	-	Mizo
Saron par	Bougainvillea spectabilis	Local	Home garden	Non commercial	-	-	Mizo
Saron par te	Holmskioldia sanguinea	Local	Home garden	Non commercial	-	-	Mizo
Uaiting wayvet	Lagerstroemia indica	Local	Home garden	Non commercial	-	-	Mizo
Vaube	Bauhinia variegata	Local	Home garden	Non commercial	-	-	Mizo
Yellow trumpet	Tecoma castanifolia	Local	Home garden	Non commercial	-	-	Mizo
flower							
Zamzo	Celosia argentea	Local	Home garden	Non commercial	-	-	Mizo
Zan rimtui	Cestrum nocturnum	Local	Home garden	Non commercial	-	-	Mizo

## Format 25 : Fumigate / Chewing Plants

1	2	3	4	5		6	7
Plant	Local Name	Scientific Name	Variety	Habitat	Local	Status	Uses (Usage)
(Herb, shrub,tree)					Past	Present	
Herb	Ankasa	Acmella oleracea	Local	Wild	Frequent	Frequent	Leaves and flowers are eaten cooked as vgetable
Herb	Ankasate	Acmella paniculata	Local	Wild	Frequent	Frequent	Leaves and flowers are eaten cooked as vgetable
Tree	Kangtek	Albizia procera	Local	Wild	Frequent	Frequent	Leaves are used as cattle fodder
Climber	Khangpawl	Acacia pruinescens	Local	Wild	Frequent	Frequent	Tender leaves are acid and eaten as vegetable
Climber	Khangsen	Acacia megaladena	Local	Wild	Frequent	Frequent	-
Tree	Khiangzo	Schima khasiana	Local	Wild	Frequent	Frequent	-
Palm	Kuhva	Areca catechu	Local	Wild	Frequent	Frequent	Nuts are chewed with pan leaves and lime
Shrub	Ngaihhih	Linostoma decandrum	Local	Wild	Frequent	Frequent	-
Climber	Panhnah	Piper betle	Local	Wild	Less frequent	Less frequent	Leaves are chewed together with betelnut and lime paste
Climbing shrub	Rulei	Millettia pachycarpa	Local	Wild	Frequent	Frequent	Roots and Pods are used to poison fish
Tree	Ruthei	Diospyros pilosiuscula	Local	Wild	Frequent	Frequent	-
Climber	Tling	Embelia vestita	Local	Wild	Frequent	Frequent	Decoction of leaves is used for chicken pox, itching and other skin diseases; leaves are eaten cooked with fish.

8	9	10	11
Part used *	Associated TK	Other details (mode of use)	Community Knowledge Holder
I C			
Leaves, flowers	Plant is used for poisoning fish	-	Mizo
Leaves, flowers	Plant is used for poisoning fish	-	Mizo
Bark	Bark is used to poison fish	It is a light demander, can stand moderate shade in youth. Coppices fairly well	Mizo
Leaves, whole plant	Plant is prescribed for asthma, bronchitis and pneumonia	Leaves are also used in scabies and snake bites	Mizo
Bark	Bark is used as fish poison and medicine	-	Mizo

Bark	Pounded bark is used for poisoning fish	-	Mizo
Nuts, shoots, seeds	-	Seeds are used for expelling intestinal worm from the body	Mizo
Roots	Roots are used for poisoning fish	Roots are boiled in water and used for dressing scabies	Mizo
Leaves	-		Mizo
Roots & Pods	-	-	Mizo
Fruit	Unripe fruits are used for poisoning fish	All parts are used for stomach trouble, kidney stones, piles	Mizo
Leaves	-	Leaves of this plant boiled with hibiscus leaves and water is	Mizo
		taken to cure hiccough and difficult urination	

### **Format 26 : Timber Plants**

1	2	3	4		5
Local Name	Scientific Name	Habitat	Local	Status	Other uses
			Past	Present	(if any)
Ardah	Albizia lucida	Wild	Frequent	Frequent	Wood hard used for firewood
Batling	Wedlandia bundleioides	Wild	Frequent	Frequent	Wood is used for gunpowder, charcoal, firewood etc
Belphuar	Trema orientalis	Wild	Frequent	Frequent	Wood is used for gunpowder, charcoal, firewood etc
Berawchal	Canarium bengalense	Wild	Frequent	Frequent	Wood heartwood, reddish brown, used for firewood etc
Bul	Alseodaphne petiolaris	Wild	Frequent	Frequent	Wood is used for building, furniture, firewood etc
Bulfek	Phoebe lanceolata	Wild	Frequent	Frequent	Heartwood used for firewood and leaves for cattle fodder
Bulpui	Alseodaphne petiolaris	Wild	Frequent	Frequent	Wood used for building, furniture, firewood etc
Bulthur	Nyssa javanica	Wild	Frequent	Frequent	Wood is grey, yellow, soft used for house building
Bung	Ficus benghalensis	Wild	Frequent	Frequent	Wood used for fuelwood, well curbs etc
Chalthei	Pyrus pashia	Wild	Frequent	Frequent	Wood reddish brown, hard used for making walking stick, combs, tobacco pipe
					and firewood. Leaves for fodder
Char	Terminalia myriocarpa	Wild	Frequent	Frequent	Wood used for furniture, house building, firewood etc
Chawmzil	Ligustrum robustum	Wild	Frequent	Frequent	Wood used for firewood and charcoal etc
Chhawntual	Aporosa octandra	Wild	Frequent	Frequent	Wood used for firewood and charcoal etc
Fah	Lithocarpus dealbatus	Wild	Frequent	Frequent	Wood used for rice pestle, firewood and charcoal etc
Fartuah	Erythrina variegata	Wild	Frequent	Frequent	Wood is used for drums, toys etc and bark fibre for cordage
Herhse	Mesua ferrea	Wild	Frequent	Frequent	Wood very hard used for bridges, railway sleepers, tool handles, firewood, rice pestle, charcoal etc
Hmawng	Ficus sp	Wild	Frequent	Frequent	Wood used for fuel and charcoal etc
Hmuifarial	Syzygium claviflorum	Wild	Frequent	Frequent	Wood is used for firewood, leaves are lopped for cattle fodder
Hmuipui/Lenhmui	Syzygium cumini	Wild	Frequent	Frequent	Wood is moderately hard, used for plywood, furniture, tool handles, panels, posts and firewood etc
Hnahkhar	Mallotus paniculatus	Wild	Frequent	Frequent	Wood used for firewood
Hnum	Engelhardtia spicata	Wild	Frequent	Frequent	Wood used for house construction, tea boxes, packing etc
Kham thing	-	Wild	Frequent	Frequent	-
Kharduap	Macaranga indica	Wild	Frequent	Frequent	Wood can be used for firewood etc
Kharuan	Elaeocarpus lanceifolius	Wild	Frequent	Frequent	Wood used for house building, firewood and charcoal etc
Khaukhim	Firminia/Sterculia colorata	Wild	Frequent	Frequent	Wood grey, soft and used for floors.
Khaupui	Sterculia villosa	Wild	Frequent	Frequent	Wood very soft is used for drums and paper pulp

Khawitur	Hydnocarpus kudzii	Wild	Frequent	Frequent	Wood used for temporary building, firewood etc
Khawreng	Streblus indicus	Wild	Frequent	Frequent	Heartwood is used for house posts
Khiang	Schima wallichii	Wild	Frequent	Frequent	Wood durable is used in planking, building, plywood, firewood
Khiangzo	Schima khasiana	Wild	Frequent	Frequent	Wood used for house building, firewood etc
Khuangthli	Bischofia javanica	Wild	Frequent	Frequent	Wood used for house building, furniture, firewood etc
Lawngthing	Dipterocarpus turbinatus	Wild	Frequent	Frequent	Wood used for house construction, floors, plywood, firewood, railway sleepers,
Lawinguning	Dipierocarpus iuroinaius	vv IIG	Trequent	rrequent	tool handles etc
Lungkhup	Haldina cordifolia	Wild	Frequent	Frequent	Wood used for planking, house posts, door and window frames, shutters, furniture,
			1	1	plywood, firewood etc
Mualhawih	Saraca asoca/indica	Wild	Frequent	Frequent	Wood used for tool handles, ploughs and shafts
Muk	Cordia fragrantissima	Wild	Frequent	Frequent	Wood durable, used for gunstocks, posts and firewood etc
Nauthak	Litsea monopetala	Wild	Frequent	Frequent	Wood soft not durable can be used for firewood
Nganbawm	Acrocarpus fraxinifolius	Wild	Frequent	Frequent	Wood used for furniture, motor bodies, planking, flooring etc
Ngiau	Michelia champaca	Wild	Frequent	Frequent	Wood hard and durable used in furniture, building, planking
Pang	Bombax insigne	Wild	Frequent	Frequent	Wood used for packing cases, matchboxes, splints
Pangkai	Baccaurea ramiflora	Wild	Frequent	Frequent	-
Phan	Ulmus lanceifolia	Wild	Frequent	Frequent	Wood durable used for posts, gunstocks, tool handles etc
Phuanberh	Macropanax undulatus	Wild	Frequent	Frequent	Wood is soft and can be used for firewood
Phuanberhpui	Ailanthus integrifolia spp	Wild	Frequent	Frequent	Wood used for partition wall, plywood, packing cases etc
Phunchawng	Bombax ceiba	Wild	Frequent	Frequent	Wood used for packing cases, matchboxes and splints
Ramlakhuih	Pandanus odorifer	Wild	Frequent	Frequent	Fruit is used for combing cotton yarn and seeds are edible
Rihnim	Ficus religiosa	Wild	Frequent	Frequent	Wood durable underwater, used for fuel and charcoal etc
Ruphir	Prunus ceylanica	Wild	Frequent	Frequent	Wood is used for firewood and charcoal
Sahatah	Aglaia spectabilis	Wild	Frequent	Frequent	Wood hard used for furniture, building, doors and windows
Saper	Lindera nacusua	Wild	Frequent	Frequent	Wood used for building construction
Saphut	Tarennoidea wallichii	Wild	Frequent	Frequent	Wood cream colour, used for building, firewood, charcoal etc.
Sehawr	Castanopsis indica	Wild	Frequent	Frequent	Wood hard used for furniture, building, firewood etc
Sentezel	Callophyllum polyanthum	Wild	Frequent	Frequent	Wood moderately hard, strong and elastic is used for building, firewood, bridges
			1	1	etc
Sernam	Litsea cubeba	Wild	Frequent	Frequent	Wood used for gunpowder, charcoal, firewood etc
Sihneh	Eurya japonica	Wild	Frequent	Frequent	-
Siksil	Pterospermum acerifolium	Wild	Frequent	Frequent	Wood used for furniture, building, planking, motorbodies etc
Taitaw	Spondias pinnata	Wild	Frequent	Frequent	Wood used for drums, firewood etc
Tatkawng	Artocarpus chama	Wild	Frequent	Frequent	Wood durable used for building, furniture, plywood etc
Teak	Tectona grandis	Wild	Frequent	Frequent	Wood extremely durable, used for buildings, bridges, furniture, plywood,
					constructions etc
Tei	Toona cilliata	Wild	Frequent	Frequent	wood usedfor furniture, house building, ceiling, floors etc
Thal pui	Quercus lineata	Wild	Frequent	Frequent	Wood brown or grayish brown hard used for building, firewood and charcoal
Thalteh	Kydia calycina/glabrescens	Wild	Frequent	Frequent	Wood soft suitable for plywood, packing cases etc
Thehlei khak	Aglaia chittagonga	Wild	Frequent	Frequent	Wood used for house posts and firewood etc
Theikum	Diospyros malabarica	Wild	Frequent	Frequent	Wood used for building, firewood etc

Theivabuan	Plachonella grandifolia	Wild	Frequent	Frequent	Wood moderately hard, used for building purposes
Theipui	Ficus semicoradata	Wild	Frequent	Frequent	Wood used for mortars, firewood etc
Theisehret	Aphananthe cuspidata	Wild	Frequent	Frequent	Wood used for planking, firewood and charcoal
Thingarek	Vitex glabrata	Wild	Frequent	Frequent	Wood moderately hard, used for cartwheel, firewood, charcoal
Thingdawl	Tetrameles nudiflora	Wild	Frequent	Frequent	Wood is used for flooring, walling, matches, plywood etc.
Thingdawn	Itea macrophylla	Wild	Frequent	Frequent	Wood used as fuel
Thingkha	Derris robusta	Wild	Frequent	Frequent	Wood used for house posts, firewood and charcoal
Thingkhawilu	Vitex peduncularis	Wild	Frequent	Frequent	Wood used for posts, firewood and charcoal etc
Thinglung	Homalium ceylanicum	Wild	Frequent	Frequent	Wood used for building, firewood, charcoal etc
Thingpuithing	Lithocarpus	Wild	Frequent	Frequent	Wood used for firewood, building, charcoal etc
01 0	elegans/obscurus		1	1	
Thingsaphu	Dysoxylum mollissimum	Wild	Frequent	Frequent	Wood red, durable used for house building, furniture, boats
Thingsen	Dipterocarpus retusus	Wild	Frequent	Frequent	Wood moderately hard used for house building, motor bodies, plywood etc
			-	-	
Thingsia	Castanopsis tribuloides	Wild	Frequent	Frequent	Wood used for house posts, firewood, charcoal etc
Thingtheihmu	Morus alba	Wild	Frequent	Frequent	Wood used for house construction, furniture, tool handles etc
Thingvawkpui	Balakata baccata	Wild	Frequent	Frequent	Wood used for plywood, packing cases, firewood etc
Thlanvawng	Gmelina arborea	Wild	Frequent	Frequent	Wood used for planking, furniture, house posts etc
Tiar	Saurauia punduana	Wild	Frequent	Frequent	Wood light, brown, soft used for firewood and charcoal
Tiarpui	Saurauia napaulensis	Wild	Frequent	Frequent	Wood, light pink, soft used ofr temporary building, firewood and charcoal and
					leaves for fodder
Vaiza	Hibiscus macrophyllus	Wild	Frequent	Frequent	Wood soft but durable used for posts, rafters etc
Vang	Albizia chinensis	Wild	Frequent	Frequent	Wood used for making drum, firewood and charcoal etc
Vaube	Bauhinia variegata	Wild	Frequent	Frequent	Wood is used for tool handles, firewood, charcoal etc. leaves are a good fodder.
	_		_	_	Decoction of bark/leaves is used in menstrual disorders, piles, diabetes, diarrhoea
					and dysentery
Vawmbal	Drimycarpus racemosus	Wild	Frequent	Frequent	Wood is used for building, boats, firewood etc
Vawngthir	-	Wild	Frequent	Frequent	-
Vawngthla	Premna milleflora	Wild	Frequent	Frequent	Wood durable used for house posts etc
Zaihri	Ficus virens	Wild	Frequent	Frequent	Wood moderately hard, used for firewood etc
Zairum	Anogeissus acuminata	Wild	Frequent	Frequent	Wood used for house posts, tool handles, fuel and charcoal etc
Zathu	Polyalthia jenkinsii	Wild	Frequent	Frequent	Wood is used for house posts, firewood etc
Zawng taitaw	-	Wild	Frequent	Frequent	-
Zihnghal	Stereospermum chelonoides	Wild	Frequent	Frequent	Wood used for house construction, cabinet making, furniture
Zuang	Duabanga grandiflora	Wild	Frequent	Frequent	Wood used for building, plywood, firewood etc

6	7	8
Associated TK	Other details	Community/
		Knowledge Holder
-	-	Mizo
	Wood pole is used for fencing post.	Mizo
Bark yields a strong fibre and leaves are lopped for cattle fodder	It is a light demanding tree, fsat growing and short lived tree	Mizo
-	-	Mizo

-	Ripe fruit is eaten by birds and animals	Mizo
-	It is a shade bearer and fast growing tree	Mizo
-	-	Mizo
-	Fruit is eaten by birds and wild animals	Mizo
Bark and aerial roots are used for making coarse ropes	Leaves are good for cattle fodder	Mizo
Leaves are used in medicine	-	Mizo
	Leaves are good for fodder, it is a fast growing tree	Mizo
	Leaves are lopped for cattle fodder	Mizo
	Leaves are lopped for cattle fodder	Mizo
	-	Mizo
Fender pods are edible, seeds edible roasted or boiling, bark and leaves are also used in medicine	It is a fast growing tree and cultivated as ornamental and hedge plant	Mizo
Bark, unripe fruit, flowers and seed oil are medicinal	Seed oil is used for burning, lubricating and soap making	Mizo
Leaves and twigs are lopped for cattle fodder	Bark, fruit and leaves are used in medicine	Mizo
	Fruits are eaten by man, bears and birds	Mizo
Seed is very useful for treating diabetes and the bark for fever, jaundice, urinary problems, sore throat, ronchitis, asthma, ulcers and chronic dysentery etc	Fruits are eaten by man, birds and wild animals	Mizo
	-	Mizo
Bark is medicinal and also used for poisoning fish. Leaves are lopped for fodder	It is a light demander	Mizo
	-	Mizo
Different parts of the plant are used in various traditional medicine	-	Mizo
Bark is scraped with dao and the powder is used for stupefying bees Khawivah)	Fruits are used for poisoning fish	Mizo
Bark fibre is used for making cordage. Bark is cooked with bark of <i>Citrus nedica</i> and water is taken for tonsillitis	Leaves are lopped for cattle fodder	Mizo
Seeds are eaten roasted or fried. Bark yields a strong fibre	Decoction of the bark is used in cholera, dysentery, diarrhoea and tonsilities	Mizo
	-	Mizo
Free is tapped for wood oil and oleo resin is applied to ring worm, ulcers, prains etc. Bark is also chewed to relieve toothache	It is a light demander, can tolerate shade in youth	Mizo
Powdered fruit is used in scorpion sting, bites of centipede, juice of the bark for hronic ulcer and fresh cuts. Leaves are lopped for fodder	Tender leaves are cooked eaten. It is moderate light demander and moderately fast growing tree	Mizo
Pounded bark is used for poisoning of fish	-	Mizo
uice of young leaves is used for curing tonsillitis and sores	Bark, stem and leaves are also medicinal. Leaves are lopped for cattle fodder	Mizo
Bark is prescribed for fever, strangury, ulcers, skin diseases and the roots for liarrhoea, dysentery	It is a strong light demander but the seedlings are shade tolerant.	Mizo
ender leaves are eaten cooked as vegetable, seed is chewed as a substitute for etel nut, bark sometimes used as tea leaves	-	Mizo
Young leaves are eaten cooked with rat's meat. Decoction of Bark/leaves is sed to expel small pieces of retained placenta	-	Mizo
Bark is used for constipation and leaves for toothache	-	Mizo
Muga Silkworm are reared on the leaves	Roots, bark and leaves are used in medicine, leaves are for cattle fodder	Mizo

Leaves are lopped for cattle fodder	This tree is a quick growing and moderate light demander	Mizo
-	-	Mizo
Leaves are lopped for cattle fodder	-	Mizo
Leaves are lopped for cattle fodder	-	Mizo
Leaves are used for cattle fodder	-	Mizo
Tender leaves are cooked and eaten without its water as vegetables	Leaves are lopped for cattle fodder	Mizo
-	-	Mizo
Cotton is used for pillows and cushions, leaves for fodder. Tender leaves, flowers and calyces are used as vegetable	It is a strong light demander, fire resistant and fast growing tree	Mizo
Fibre obtained from the leaves is used for nets, sacks and brushes. Decoction of the roots is also used in diseases of kidney etc.	-	Mizo
-	-	Mizo
Kernels are used for poisoning fish	-	Mizo
	-	Mizo
	-	Mizo
		Mizo
		Mizo
Fruits are eaten by wild animals. Trunk is used for making mortars for pounding rice	It is a moderate shade bearer in youth. Seed often germinate soon after falling under its mother tree	Mizo
Silkworm reared on the leaves. Boiled water of berries with meats of Indian Badger is taken as a remedy for sciatica and high blood pressure		Mizo
		Mizo
Leaves are used by Mizos for lining Siksil (Umbrella) and Thul – Basket lids	-	Mizo
Decoction of bark is used in treating diarrhoea, dysentery and rheumatism	Juice of crushed bark is also applied to fresh cuts	Mizo
Bark is used in diarrhoea, milky juice is applied on inflammatory diseases of glands and sometimes used as milk in tea. Leaves are lopped for cattle fodder	It is a shade bearer in youth and grow very fast	Mizo
Leaves are used for fermenting cooked soyabean ( <i>Bekang</i> ), a traditional mizo delicacy	It is a strong light demander and fire resistant	Mizo
Bark is useful in fever, diarrhoea, itching and flowers in menstrual disorders	Leaves are lopped for cattle fodder	Mizo
-	Acorns are eaten by wild animals	Mizo
Bark yields a strong fibre and used for making ropes and cordage . leaves are lopped for cattle fodder	It is a light demander and fast growing tree. Tolerates moderate shade in youth	Mizo
Pulp of unripe fruits is used as gum, seeds are edible	-	Mizo
-	-	Mizo
Young fruits are pounded with tender shoots of Acacia pennata and eaten	Leaves are lopped for cattle fodder and polishing wood	Mizo
- · · · · · · · · · · · · · · · · · · ·	-	Mizo
Leaves are loped for cattle fodder		Mizo
Infusion of bark is recommende for dysentery	-	Mizo
Leaves are used as soap for washing 'Mizo Pawnpui' (Blanket)	It is a fast growing, good coppice and facvoured for birds nesting. Bark can be used for poisoning fish, juice of crushed bark and leaves are used to tick bite.	Mizo
Fibre of the bark is used for cordage. Decoction of the root bark is given to women after delivery of a baby	-	Mizo

Decoction of bark is used as an effective remedy for diabetes and high blood	Leaves are lopped for cattle fodder	Mizo
pressure		
Infusion of leaves/bark is used against black water fever, malarial fever,		Mizo
jaundice, typhoid, stomach ulcer and kidney stones		
		Mizo
Saplings used as pendant for scorching off the bristles of the pig killed		Mizo
Bark is used internally for pain in the stomach	-	Mizo
Balsam is used in treatment of Gonorrhoea, Gleet and similar affections of the	It is a shade bearer in early stages and afterwards a light demander	Mizo
urinary organs (IMP)		
Juice of the stem is recommended for mouth infection in children		Mizo
Silkworm fed on its leaves. Leaves are sometimes boiled with meats and eaten	Young leaves and twigs are good for cattle fodder	Mizo
as curry. Root bark, leaves and fruits are also medicinal.		
Fruits are eaten by man and birds	Endi silkworm reared on the leaves	Mizo
Flowers are eaten cooked as vegetables, leaves are lopped for cattle fodder	It is a light demander and fire resistant, fast growing tree	Mizo
-	-	Mizo
Bark is used as anaesthesia and antiseptic	-	Mizo
Bark fibre which is called Hruikhau is used for making into rope and Hnam		Mizo
hrui. Leaves are used for fermenting cooked soyabean (bekang) and sometimes		
for wrapping food in.		
Bark used to poison fish. Leaves are lopped for cattle fodder	It is a moderate light demander and fast growing tree	Mizo
Leaves, tender fruits and flower buds are eaten as vegetable	It is a moderate light demander and wind firm tree	Mizo
Thick paste of the plant is applied on broken bone. Juice of the plant is also	Plant is laxative and cooling used for cold, sinusitis and menstruation	Mizo
applied on sore of baby's navel	problems	
Decoction of bark is used in stomach troubles, fever, diarrhoea and also apllied	-	Mizo
on measles, chickem pox, sprains and burns. Leaves are cooked in water and		111110
water is taken as a remedy for high blood pressure .		
Tender leaves are boiled with meats and eaten as vegetables		Mizo
Young shoots are eaten in curries, and fibre can also be used as rope	Fast growing tree	Mizo
Decoction of the bark is used in stomach troubles, fever, diarrhea and also	Leaves are cooked in water and water is taken as a remedy for high	Mizo
applied on measles, chicken pox, sprains and burns.	blood pressure	1.1120
-		Mizo
		Mizo
Root, leaves and flowers are also used medicinally. Bark and young leaves are		Mizo
used as a remedy for fever, stomach ache etc		IVIIZO
Bark is bruised, boiled with soil impregnated with urine to produce a bluish dye	Fast growing tree	Mizo
bark is bruised, boned with son impregnated with unite to produce a bluish dye		IVIIZO

### Format 27 : Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, Others)

1	2	3	4	5	6
Animal type	Local Name	Scientific Name	Habitat	Description	Season when seen
Mammal	Awrrang	Ratufa bicolor	Forest	-	Not recorded
Mammal	Biang	Belomys pearsonii	Forest	-	-do-
Mammal	Chepa	Tupaia bengaleri	Forest	-	-do-
Mammal	Hleikapsen	Callosciurus erythraeus	Forest	-	-do-

Mammal	Hleilubial	Callosciurus pygerythrus	Forest	-	-do-
Mammal	Hleimeipar	Dremomys lokriah	Forest	-	-do-
Mammal	Hleimualrang	Tamiops macclellandi	Forest	-	-do-
Mammal	Hleizawng	Callosciurus pygerythrus	Forest	-	-do-
Mammal	Kelral	Neofelis nebulosa	Forest	-	-do-
Mammal	Kuhpui	Hystrix brachyura	Forest	-	-do-
Mammal	Kuhsi	Atherurus macrourus	Forest	-	-do-
Mammal	Ngau	Trachypithecus pileatus	Forest	-	-do-
Mammal	Ngau buang	Trachypithecus pileatus	Forest	-	-do-
Mammal	Ngharbawr	Prionailurus viverrinus	Forest	-	-do-
Mammal	Phivawk	Arctonyx collaris	Forest	-	-do-
Mammal	Safia	Martes flavigula	Forest	-	-do-
Mammal	Sahmaitha	Melogale moschata/personata	Forest	-	-do-
Mammal	Sahram	Aonyx cinerea	Forest	-	-do-
Mammal	Sahuai	Nyctiebus bengalensis	Forest	-	-do-
Mammal	Sakhi	Muntiacus vaginalis	Forest	-	-do-
Mammal	Samang (Mangte)	Helarctos malayanus	Forest	-	-do-
Mammal	Sanghal	Sus scrofa	Forest	-	-do-
Mammal	Sanghar	Prionailurus bengalensis	Forest	-	-do-
Mammal	Saphu	Manis pentadactyla	Forest	-	-do-
Mammal	Sarivaithun	Herpetes javanicus	Forest	-	-do-
Mammal	Savawm	Melursus ursinus	Forest	-	-do-
Mammal	Saza	Capricornis sumatraensis	Forest	-	-do-
Mammal	Sazaw (Zawreng)	Paradoxurus hermaphroditus	Forest	-	-do-
Mammal	Sazuk	Rusa unicolor	Forest	-	-do-
Mammal	Sihal	Canis aureus	Forest	-	-do-
Mammal	Tampui	Leopoldamis edwardsi	Forest	-	-do-
Mammal	Tlumpui	Viverra zibetha	Forest	-	-do-
Mammal	Tlumther	Viverricula indica	Forest	-	-do-
Mammal	Vahluk	Petaurista petaurista	Forest	-	-do-
Mammal	Zamphu	Arctictis binturong	Forest	-	-do-
Mammal	Zawbuang	Paguma larvata	Forest	-	-do-
Mammal	Zawhang	Arctogalidia trivirgata	Forest	-	-do-
Mammal	Hauhuk	Hoolock hoolock	Forest	-	-do-
Mammal	Zawng mawt/hmaitai	Stump-tailed Macaque	Forest	-	-do-
Mammal	Zawng meisei/hmeltha	Macaca fascicularis	Forest	-	-do-
Mammal	Zuhrei	Berylmys mackenziei	Forest	-	-do-
Bird	Bawng	Pericrocotus brevirostris	Forest	-	-do-
Bird	Bullut	Ducula badia	Forest	-	-do-
Bird	Chhawlhring	Chloropsis aurifrons	Forest	-	-do-
Bird	Chhemhur	Lanius sp.	Forest	-	-do-
Bird	Chhimbuk	Bubo bengalensis	Forest	-	-do-
Bird	Chhuangtuar	Upupa epops	Forest	-	-do-

Bird	Chingpirinu	Strix leptogrammica	Forest	-	-do-
Bird	Chinrang	Enicurus scouleri	Forest	-	-do-
Bird	Chip te	Anthus hodgsoni	Forest	-	-do-
Bird	Daikat	Orthotomus sutorius	Forest	-	-do-
Bird	Dawithiama arpa	<i>Aethopyga</i> sp.	Forest	-	-do-
Bird	Dawntliang	Cissa chinensis	Forest	-	-do-
Bird	Hrangkir	Athene brama	Forest	-	-do-
Bird	Irliak	Coracina macei	Forest	-	-do-
Bird	Kaikuangral	Alcedo atthis	Forest	-	-do-
Bird	Kawlrit	Hemixos flavala	Forest	-	-do-
Bird	Kireuh	Arachnothera longirostra	Forest	-	-do-
Bird	Koro	Garrulax leucolophus	Forest	-	-do-
Bird	Lailen	Motacilla flava	Forest	-	-do-
Bird	Lalruanga sehnawt	Centropus sinensis	Forest	-	-do-
Bird	Luangtubeuh	Picumnus innominatus	Forest	-	-do-
Bird	Lungdup	Ictinaetus malayensis	Forest	-	-do-
Bird	Mitval	Zosterops palbebrosa	Forest	-	-do-
Bird	Mu arla	Lophotriorchis kienerii	Forest	-	-do-
Bird	Mute	Accipiter sp.	Forest	-	-do-
Bird	Mute ngaldang	Circus macrourus	Forest	-	-do-
Bird	Muvanlai	Spilornis cheela	Forest	-	-do-
Bird	Ramar	Ĝallus gallus	Forest	-	-do-
Bird	Ramparva	Chalcophaps indica	Forest	-	-do-
Bird	Tawktawk awrsen	Ficedula strophiata	Forest	-	-do-
Bird	Tawllawt	Megalaima virens	Forest	-	-do-
Bird	Tek tek	Dicaem minullum	Forest	-	-do-
Bird	Thangfen	Myiophonus caeruleus	Forest	-	-do-
Bird	Theh hek	Prinia hodgsonii	Forest	-	-do-
Bird	Thizil	Psamisomus dalhousiae	Forest	-	-do-
Bird	Thlanthla	Dicrurus aeneus	Forest	-	-do-
Bird	Thloh	Blythipicus pyrrhotis	Forest	-	-do-
Bird	Tlaiberh	Pycnonotus cafer	Forest	-	-do-
Bird	Tukkhumvilik	Pycnonotus melanicterus	Forest	-	-do-
Bird	Tuklo	Megalaima asiatica	Forest	-	-do-
Bird	Va in ronghak	Monticola solitarius	Forest	-	-do-
Bird	Vabak/Valambawk	Caprimulgus macrurus	Forest	-	-do-
Bird	Vadartle	Irena puella	Forest	-	-do-
Bird	Vadumdeleng	Niltada sp.	Forest	-	-do-
Bird	Vahai	Anthracoceros albirostris	Forest	-	-do-
Bird	Vahmim	Turnix suscitator	Forest	-	-do-
Bird	Vahrit	Lophura leucomelanos	Forest	-	-do-
Bird	Vahui	Treron sp.	Forest	-	-do-
Bird	Vaki	Psittacula krameri	Forest	_	-do-

Bird	Valeisawt	Pnoepyga albiventer	Forest	-	-do-
Bird	Vangek	-	Forest	-	-do-
Bird	Vapui	Coracias benghalensis	Forest	-	-do-
Bird	Varalthi	Harpactes erythrocephalus	Forest	-	-do-
Bird	Varihaw	Polyplectron bicalcaratum	Forest	-	-do-
Bird	Varung	Arborophila sp.	Forest	-	-do-
Bird	Vasuih	Carpodacus erythrinus	Forest	-	-do-
Bird	Vazar	Garrulax sp.	Forest	-	-do-
Bird	Vazun	Phaenicophaeus tristis	Forest & Human habitation		
Reptiles	Changpat rul	Argyrophis diardii			
Reptiles	Chawngkawr	Naja kaouthia			
Reptiles	Chawnglei	Bungarus fasciatus			
Reptiles	Chhawknghawl	Typhlops diardii			
Reptiles	Hlaidum	Ptyas mucosa	Forest & Human habitation		
Reptiles	Hlaivawm	Ptyas mucosa			
Reptiles	Khuavang rul	Bungarus niger			
Reptiles	Rul hlai	Ptyas korros, Coelognathus radiatus	Forest & Human habitation		
Reptiles	Rul ngan	Ophiophagus hannah	Forest	-	-do-
Reptiles	Rul nghawngsen	Rhabdophis subminiatus	Forest		
Reptiles	Rul rial	Boiga cyanea	Forest & Human habitation		
Reptiles	Rul sakhi	Boiga ochracea	Forest	-	-do-
Reptiles	Rul mitdel	ž	Forest	-	-do-
Reptiles	Rul vankai	Dendrelaphis cyanochloris	Forest	-	-do-
Reptiles	Rulmuk (Zo Rulpui)	Ovophis monticola	Forest	-	-do-
Reptiles	Rultuha	Trimeresurus erythrurus/albolabris	Forest	-	-do-
Reptiles	Saphai	Python bivittatus	Ponds and near water bodies		
Reptiles	Tui Rul	Xenochropis piscator	Forest		
Reptiles	Satel	Melanochelys tricarinata	Rivers, streams etc		
Reptiles	Tui satel	Cyclemis gemeli	Forest	-	-do-
Reptiles	Tangkawng /Tangkeu	Varanus bengalensis	Forest, open areas		-do-
Reptiles	Laiking	Christidorsata otai	Forest & Human habitation	-	-do-
Reptiles	Awk-e	Gecko gekko	Human habitation, House	-	-do-
Reptiles	Bang daidep	Hemidactylus frenatus	Rivers, Ponds etc	-	-do-
Amphibians	Utum	Kaloula assamensis	Rivers, Ponds etc	-	-do-
Amphibians	Dawngthlek	Chiromantus vittatus	Rivers Ponds etc	-	-do-
Amphibians	U chhhawlhring	Hyla annectans	Rivers Ponds etc	-	-do-
Amphibians	U berek	Occidozyga sp	Rivers Ponds etc	-	-do-
Amphibians	U Chang	Euphlyctis cyanophlyctis	Rivers Ponds etc	-	-do-
Amphibians	U Sai	Hoplobatrachus crassus	Rivers Ponds etc	-	-do-
Amphibians	Utawkphar	Bufo stomaticus	Rivers Ponds etc	-	-do-
Insects	Khauphar	-	Rivers Ponds etc	-	-do-
Insects	Perhpawng	-	Rivers Ponds etc	-	-do-
Insects	Khauchher	-	Rivers Ponds etc	-	-do-

Insects	Chep chep	-	Rivers Ponds etc	-	-do-
Insects	Zawlzawng	-	Rivers Ponds etc	-	-do-
Insects	Khaukhuap	-	Rivers Ponds etc	-	-do-
Insects	Uleuh	-	Forest & Human habitation	-	-do-
Insects	Khawibel	Vespa velutina	Forest & Human habitation	-	-do-
Insects	Khawi sanghar	Parapolybia sp.	Forest, open areas		-do-
Insects	Khawifung	Apis florea	Forest, open areas		-do-
Insects	Khawi chhunmu	Provespa sp.	Forest, open areas		-do-
Insects	Khawivah	Apis cerana indica	Forest, open areas		-do-
Insects	Nghalfek	Vespa tropica	Forest, open areas		-do-
Insects	Khawidang	-	Forest, open areas		-do-
Insects	Khawipui	Apis dorsata	Forest, open areas		-do-
Insects	Rengchal	Psaltoda cf. plaga	Forest, open areas		-do-
Insects	Dawlrem	-	Forest, open areas		-do-
Insects	Thereng	-	Forest, open areas		-do-
Insects	Losul thereng	Magicicada sp.	Forest, open areas		-do-
Insects	Nipui thereng	-	Forest, open areas		-do-
Insects	Ngirtling	-	Forest, open areas		-do-
Insects	Uifawm	-	Forest, open areas		-do-
Insects	Tekral	-	Forest, open areas		-do-
Insects	Khuang chiri/ Khuangbai	<i>Gryllus</i> sp.	Forest, open areas		-do-
Insects	Tawh ek	-	Forest, open areas		-do-
Insects	Taivang	Tetraponera sp.	Forest, open areas		-do-
Insects	Zan taivang	Tetraponera sp.	Forest, open areas		-do-
Insects	Hnahkiah taivang	Tetraponera sp.	Forest, open areas		-do-
Insects	Mawnger	Crematogaster sp.	Forest, open areas		-do-
Insects	Fachhawng	-	Forest, open areas		-do-
Insects	Reksen	-	Forest, open areas		-do-
Insects	Tarpilu	-	Forest, open areas		-do-
Insects	Khuangruang	-	Forest, open areas		-do-
Insects	Nauchawthing bawm	Drosophila melanogaster	Forest, open areas		-do-

7		8	9	10	11	12
Local Status		Uses (if any)	Associated TK	Mode of Hunting,	Other details	Community/ Knowledge
Past	Present			collecting (if any)		Holder
Less frequent	Less frequent	Awrrang	-	By Gun or trap	-	Mizo
Frequent	Frequent	Biang	-	By Gun or trap	-	Mizo
Frequent	Frequent	Chepa	-	By Gun or trap	-	Mizo
Frequent	Frequent	Hleikapsen	-	By Gun or trap	-	Mizo
Frequent	Frequent	Hleilubial	-	By Gun or trap	-	Mizo
Frequent	Frequent	Hleimeipar	-	By Gun or trap	-	Mizo

Less frequent	Less frequent	Hleimualrang	-	By Gun or trap	-	Mizo
Frequent	Frequent	Hleizawng	-	By Gun or trap	-	Mizo
Less frequent	Less frequent	Kelral	_	By Gun or trap	_	Mizo
Frequent	Frequent	Kuhpui	-	By Gun or trap	-	Mizo
Frequent	Frequent	Kuhsi	-	By Gun or trap	-	Mizo
Less frequent	Less frequent	Ngau	-	By Gun or trap	-	Mizo
Less frequent	Less frequent	Ngau buang	-	By Gun or trap	-	Mizo
Less frequent	Less frequent	Ngharbawr	-	By Gun or trap	-	Mizo
Less frequent	Less frequent	Phivawk	-	By Gun or trap	-	Mizo
Frequent	Frequent	Safia	-	By Gun or trap	-	Mizo
Frequent	Frequent	Sahmaitha	-	By Gun or trap	-	Mizo
Frequent	Frequent	Sahram	-	By Gun or trap	-	Mizo
Frequent	Frequent	Sahuai	-	By Gun or trap	-	Mizo
Frequent	Frequent	Sakhi	-	By Gun or trap	-	Mizo
Less frequent	Less frequent	Samang (Mangte)	-	By Gun or trap	-	Mizo
Frequent	Frequent	Sanghal	-	By Gun or trap	-	Mizo
Frequent	Frequent	Sanghar	-	By Gun or trap	-	Mizo
Less frequent	Less frequent	Saphu	-	By Gun or trap	-	Mizo
Frequent	Frequent	Sarivaithun	-	By Gun or trap	-	Mizo
Frequent	Frequent	Savawm	-	By Gun or trap	-	Mizo
Frequent	Frequent	Saza	-	By Gun or trap	-	Mizo
Frequent	Frequent	Sazaw (Zawreng)	-	By Gun or trap	-	Mizo
Less frequent	Less frequent	Sazuk	-	By Gun or trap	-	Mizo
Frequent	Frequent	Sihal	-	By Gun or trap	-	Mizo
Frequent	Frequent	Tampui	-	By Gun or trap	-	Mizo
Frequent	Frequent	Tlumpui	-	By Gun or trap	-	Mizo
Frequent	Frequent	Tlumther	-	By Gun or trap	-	Mizo
Frequent	Frequent	Vahluk	-	By Gun or trap	-	Mizo
Frequent	Frequent	Zamphu	-	By Gun or trap	-	Mizo
Frequent	Frequent	Zawbuang	-	By Gun or trap	-	Mizo
Frequent	Frequent	Zawhang	-	By Gun or trap	-	Mizo
Frequent	Frequent	Hauhuk	-	By Gun or trap	-	Mizo
Frequent	Frequent	Zawng mawt/hmaitai	-	By Gun or trap	-	Mizo
Frequent	Frequent	Zawng meisei/hmeltha	-	By Gun or trap	-	Mizo
Frequent	Frequent	Zuhrei	-	By Gun or trap	-	Mizo
Frequent	Frequent	Bawng	-	By Gun or trap	-	Mizo
Frequent	Frequent	Bullut	-	By Gun or trap	-	Mizo
Frequent	Frequent	Chhawlhring	-	By Gun or trap	-	Mizo
Frequent	Frequent	Chhemhur	-	By Gun or trap	-	Mizo
Frequent	Frequent	Chhimbuk	-	By Gun or trap	-	Mizo
Frequent	Frequent	Chhuangtuar	-	By Gun or trap	-	Mizo
Frequent	Frequent	Chingpirinu	-	By Gun or trap	-	Mizo
Frequent	Frequent	Chinrang	-	By Gun or trap	-	Mizo

Frequent	Frequent	Chip te	-	By Gun or trap	-	Mizo
Frequent	Frequent	Daikat	-	By Gun or trap	-	Mizo
Frequent	Frequent	Dawithiama arpa	-	By Gun or trap	-	Mizo
Frequent	Frequent	Dawntliang	-	By Gun or trap	-	Mizo
Frequent	Frequent	Hrangkir	-	By Gun or trap	-	Mizo
Frequent	Frequent	Irliak	-	By Gun or trap	-	Mizo
Frequent	Frequent	Kaikuangral	-	By Gun or trap	-	Mizo
Frequent	Frequent	Kawlrit	-	By Gun or trap	-	Mizo
Frequent	Frequent	Kireuh	-	By Gun or trap	-	Mizo
Frequent	Frequent	Koro	-	By Gun or trap	-	Mizo
Frequent	Frequent	Lailen	-	By Gun or trap	-	Mizo
Frequent	Frequent	Lalruanga sehnawt	-	By Gun or trap	-	Mizo
Frequent	Frequent	Luangtubeuh	-	By Gun or trap	-	Mizo
Frequent	Frequent	Lungdup	-	By Gun or trap	-	Mizo
Frequent	Frequent	Mitval	-	By Gun or trap	-	Mizo
Frequent	Frequent	Mu arla	-	By Gun or trap	-	Mizo
Frequent	Frequent	Mute	-	By Gun or trap	-	Mizo
Frequent	Frequent	Mute ngaldang	-	By Gun or trap	-	Mizo
Frequent	Frequent	Muvanlai	-	By Gun or trap	-	Mizo
Frequent	Frequent	Ramar	-	By Gun or trap	-	Mizo
Frequent	Frequent	Ramparva	-	By Gun or trap	-	Mizo
Frequent	Frequent	Tawktawk awrsen	-	By Gun or trap	-	Mizo
Frequent	Frequent	Tawllawt	-	By Gun or trap	-	Mizo
Frequent	Frequent	Tek tek	-	By Gun or trap	-	Mizo
Frequent	Frequent	Thangfen	-	By Gun or trap	-	Mizo
Frequent	Frequent	Theh hek	-	By Gun or trap	-	Mizo
Frequent	Frequent	Thizil	-	By Gun or trap	-	Mizo
Frequent	Frequent	Thlanthla	-	By Gun or trap	-	Mizo
Frequent	Frequent	Thloh	-	-	-	Mizo
Frequent	Frequent	Tlaiberh	-	-	-	Mizo
Frequent	Frequent	Tukkhumvilik	-	-	-	Mizo
Frequent	Frequent	Tuklo	-	-	-	Mizo
Frequent	Frequent	Va in ronghak	-	-	-	Mizo
Frequent	Frequent	Vabak/Valambawk	-	-	-	Mizo
Frequent	Frequent	Vadartle	-	-	-	Mizo
Frequent	Frequent	Vadumdeleng	-	-	-	Mizo
Frequent	Frequent	Vahai	-	-	-	Mizo
Frequent	Frequent	Vahmim	-	-	-	Mizo
Frequent	Frequent	Vahrit	-	-	-	Mizo
Frequent	Frequent	Vahui	-	-	-	Mizo
Frequent	Frequent	Vaki	-	-	-	Mizo
Frequent	Frequent	Valeisawt	-	-	-	Mizo
Frequent	Frequent	Vangek	-	-	-	Mizo

Frequent	Frequent	Vapui	-	-	-	Mizo
Frequent	Frequent	Varalthi	-	-	_	Mizo
Frequent	Frequent	Varihaw	-	-	_	Mizo
Frequent	Frequent	Varung	-	-	_	Mizo
Frequent	Frequent	Vasuih	-	-	_	Mizo
Frequent	Frequent	Vazar	-	-	_	Mizo
Frequent	Frequent	Vazun	-	-	_	Mizo
Frequent	Frequent	Changpat rul	-	-	-	Mizo
Frequent	Frequent	Chawngkawr	-	-	-	Mizo
Frequent	Frequent	Chawnglei	-	-	-	Mizo
Frequent	Frequent	Chhawknghawl	-	-	-	Mizo
Frequent	Frequent	Hlaidum	-	-	-	Mizo
Frequent	Frequent	Hlaivawm	-	-	-	Mizo
Frequent	Frequent	Khuavang rul	-	-	-	Mizo
Frequent	Frequent	Rul hlai	-	-	-	Mizo
Frequent	Frequent	Rul ngan	_	-	_	Mizo
Frequent	Frequent	Rul nghawngsen	-	-	_	Mizo
Frequent	Frequent	Rul rial	_	-	-	Mizo
Frequent	Frequent	Rul sakhi	-	-	_	Mizo
Frequent	Frequent	Rul mitdel	-	-	_	Mizo
Frequent	Frequent	Rul vankai	-	-	_	Mizo
Frequent	Frequent	Rulmuk (Zo Rulpui)	-	-	_	Mizo
Frequent	Frequent	Rultuha	-	-	_	Mizo
Frequent	Frequent	Saphai	-	-	_	Mizo
Frequent	Frequent	Tui Rul	-	-	_	Mizo
Frequent	Frequent	Satel	-	-	_	Mizo
Frequent	Frequent	Tui satel	-	-	_	Mizo
Frequent	Frequent	Tangkawng /Tangkeu	-	-	_	Mizo
Frequent	Frequent	Laiking	-	-	_	Mizo
Frequent	Frequent	Awk-e	-	-	-	Mizo
Frequent	Frequent	Bang daidep	-	-	-	Mizo
Frequent	Frequent	Utum	-	-	-	Mizo
Frequent	Frequent	Dawngthlek	-	-	-	Mizo
Frequent	Frequent	U chhhawlhring	-	-	-	Mizo
Frequent	Frequent	U berek	-	-	-	Mizo
Frequent	Frequent	U Chang	-	-	-	Mizo
Frequent	Frequent	U Sai	-	-	_	Mizo
Frequent	Frequent	Utawkphar	-	-	-	Mizo
Frequent	Frequent	Khauphar	-	-	-	Mizo
Frequent	Frequent	Perhpawng	-	-	-	Mizo
Frequent	Frequent	Khauchher	-	-	-	Mizo
Frequent	Frequent	Chep chep	-	-	_	Mizo
Frequent	Frequent	Zawlzawng	-	-	_	Mizo

Frequent	Frequent	Khaukhuap	-	-	-	Mizo
Frequent	Frequent	Uleuh	-	-	-	Mizo
Frequent	Frequent	Khawibel	-	-	-	Mizo
Frequent	Frequent	Khawi sanghar	-	-	-	Mizo
Frequent	Frequent	Khawifung	-	-	-	Mizo
Frequent	Frequent	Khawi chhunmu	-	-	-	Mizo
Frequent	Frequent	Khawivah	-	-	-	Mizo
Frequent	Frequent	Nghalfek	-	-	-	Mizo
Frequent	Frequent	Khawidang	-	-	-	Mizo
Frequent	Frequent	Khawipui	-	-	-	Mizo
Frequent	Frequent	Rengchal	-	-	-	Mizo
Frequent	Frequent	Dawlrem	-	-	-	Mizo
Frequent	Frequent	Thereng	-	-	-	Mizo
Frequent	Frequent	Losul thereng	-	-	-	Mizo
Frequent	Frequent	Nipui thereng	-	-	-	Mizo
Frequent	Frequent	Ngirtling	-	-	-	Mizo
Frequent	Frequent	Uifawm	-	-	-	Mizo
Frequent	Frequent	Tekral	-	-	-	Mizo
Frequent	Frequent	Khuang chiri/	-	-	-	Mizo
		Khuangbai				
Frequent	Frequent	Tawh ek	-	-	-	Mizo
Frequent	Frequent	Taivang	-	-	-	Mizo
Frequent	Frequent	Zan taivang	-	-	-	Mizo
Frequent	Frequent	Hnahkiah taivang	-	-	-	Mizo
Frequent	Frequent	Mawnger	-	-	-	Mizo
Frequent	Frequent	Fachhawng	-	-	-	Mizo
Frequent	Frequent	Reksen	-	-	-	Mizo
Frequent	Frequent	Tarpilu	-	-	-	Mizo
Frequent	Frequent	Khuangruang	-	-	-	Mizo
Frequent	Frequent	Nauchawthing bawm	-	-	-	Mizo

# **BIODIVERSITY OF RUALALUNG**

# **Crop Plants**



Abelmoschus esculentus



Hibiscus sabdariffa



Lablab purpureus



Solanum melongena



Zea mays



Cajanus cajan



Cucurbita maxima



Psophocarpus tetragonolobus



Canavalia ensiformis



Solanum aethiopicum



Capsicum annuum



Solanum anguivi



Capsicum frutescens



Brassica rapa



Zingiber officinale



Allium hookeri



Benincasa hispida



Eryngium foetidum



Phaseolus vulgaris



Sechium edule

## **Fruit Plants**



Citrus reticulata



Syzygium claviflorum



Musa acuminata



Areca catechu



Psidium guajava



Phyllanthus emblica



Parkia roxburghii



Citrus medica

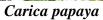


Tamarindus indica

Zizyphus jujube

Phyllanthus acidus







Citrus maxima



Artocarpus heterophyllus



Cocos nucifera



Dillenia indica

## **Domesticated Animals**



Artiodactyla suidae



Capra aegagrus hircus



Gallus domesticus



Anas platyrhynchos domesticus



Cannis familiaris



Bos gaurus



Gallus gallus domesticus(chicken)



Felis catus

## **Ornamental Plants**



Celosia argentea



Basella alba



Catharanthus roseus



Bougainvillea spectabilis



Euphorbia milii



Euphorbia pulcherrima



Tagetes erecta



Hibiscus rosa sinensis



Tagetes erecta



Rosa indica



Sansevieria trifasciata



Zinnia splendens



Geranium sp.



Hibiscus rosa sinensis



Orchid sp.



Mirabilis jalapa



Some birds seen and photos taken during PBR Updation at Rualalung Village



Rualalung BMC Members filling up PBR formats



Dr. Neihpuia from SBB explains operational guidelines of BMC, process and steps of PBR documentation to the BMC members



Members of Biodiversity Management Committee, Rualalung



Rualalung Village