People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Baruie
Taluk: Maira Mandrian
District: Jammu
State: J&K UT
Geographical Area of the Panchayat Samiti: 13640 Kanal (with Forest )
Population under the Panchayat Samiti: 4700 ( Approx )
Male: Female:
Habitat and Topography:
Climate (Rainfall, Temperature and weather patterns):
Land Use (Nine fold classification available with village records):
Date, Month and Year of PBR Preparation: 30/11/2019
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

А	n	n	e	X	u	r

Anne	xure
etails of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nomine local body; not less than one third to be women and not less than 18% belonging to SC/ST)	nated
Name of the Chairperson: Rashpal Sharma	
ge: 58 years	
ender: Male	
ddress: Baruie	
rea of specialization:	
Name: Champa Devi	
ge: 45 years	
ender: Female	
ddress: Baruie	
rea of specialization:	
Name:- Sheelo Devi	
ge: 72 years	
ender: Female	
ddress: Sanghani	
rea of specialization:	
Name: Mohd Hussain	
ge: 62 years	
ender: Male	
ddress: Sanghani	
rea of specialization:	
Name: Rajeev Kumar	
ge: 49 years	
ender: Male	
ddress: Barola	
rea of specialization:	
Name: Sudesh kumar	
ge: 45years	
ender: Male	
ddress: Baruie	
rea of specialization:	
Name: Vipan kumar	
ge: 37 years	
ender: Male	
ddress: Baruie	

Area of specialization: Vlw

	Aı
List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological within the jurisdiction of the village	resour
1)Name:	
Age:	
Gender:	
Address:	
Area of specialization:	
Location from which the person accesses biological material:	
Perception of the practitioner on the resource status:	
Medicinal Use:	
2) Name:	
Age:	
Gender:	
Address:	
Area of specialization:	
Location from which the person accesses biological material:	
Perception of the practitioner on the resource status:	
Medicinal Use:	
3)Name:	
Age:	
Gender:	
Address:	
Area of specialization:	
Location from which the person accesses biological material:	
Perception of the practitioner on the resource status:	
Medicinal Use:	

Annex
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fish and foresty
1) Name of the Chairperson: Ramesh Lal
Age: 56 years
Gender: Male
Address: Baruie, Tehsil- Maira Mandrian
Area of specialization: Agriculture
2) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
3)Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
4)Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals preparation of the PBR
1) Contact Person: Rachpal Sharma
Name and Address: Barruie Ward N. 1
2) Contact Person:
Name and Address:
3) Contact Person:
Name and Address:
4) Contact Person:
Name and Address:
You may add names of more institutions/NGO/Individuals etc, if necessary
Forest Deptt., Agriculture Deptt., Fisheries Deptt.

### Annexure 5

Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing

1	2		3	4	5	6
S.No	Name and address of the Person/Institute/company others	Local and Scientific material Access	Name of the biological sed and quantity	Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
		Local	Scientific names			
		Jamun	Syzgium cimimi	8/21/2020	Nil	Nil
	Rachpal sharma R/o Baruie	Harad	Terminalia chebula			
		Sukchain	Pongamia pinnata			
		Arjun	Terminalia arjuna			

## Part II PBR – Formats AGROBIODIVERSITY

# Format 1: Crop Plants

1	2	3	4	5	6	,	7	8	9	10	11	12	13	14
Crop	Scientific	Local Name	Variety	Landscape	Approx Area Sown	Local Status		Special	Uses	Associated	Other Details	Cropping	Source of Seeds /	Community / Knowledge
Стор	Name	Local I value	variety	/Habitat	ripprox rive sown	Past	Present	features	Oses	TK	other betains	Season	Plants	Holder
			B-370(Fine & Long duration)	Dlane / Landaria	Normal	Normal	Basmati 370 is world wise known for its aroma		Provides		Kharif	Farmers /		
1 R	Rice	Oryza sativa	Dhan/ Munji	Basmati 1121/(Coarse K39 K434 Rattana & Long duration	Planes / Low laying Areas	Normal	Normal	Medium tall Coarse Grains	Food & Fodder	energy fragrance and taste	-	(May to October)	Department / Privaate Suppliers	Farmers
				Dekalb double		Rare	Plenty	Tall, high yielding with yellow in colour)					Farmers /	Farmers
				K-517		Plenty	Rare			Provides energy	_			
2	Maize	Zea mays	Maka	Ujala	Sub tropical / Upland	Normal	Plenty	Average tall with yellow in colour	Food & Fodder			Kharif (May to October)	Department / Privaate	
				K-612		Plenty	Normal	Colour				,	Suppliers	
			Pro Agro-4794	Agro-4794	Plenty	Normal	Tall, high yielding with yellow in colour)							

			PDM-54		Normal	Rare	Medium							
3	Moong	Vigna radiata	Moong	SML-668	Hot / Humid of Sub tropical region	Normal	Rare	High yielding Variety	Food	Source of Vegetable	Also suitable for green	Summer/ Kharif	Farmers / Department / Privaate	Farmers
				IPM-0203		Normal	Rare	Excessive vegetative growth		Protein	Manuring		Suppliers	
4	Mash	Vigna mungo	Mhaa	PU-19	Warm / Humid of Sub	Normal	Normal	High yielding	Food	Source of Vegetable		Summer/	Farmers / Department	Farmers
4	Iviasii	v igna mungo	Milaa	Utra	tropical region	Normal	Normal	Variety	rood	Protein	-	Kharif	/ Privaate Suppliers	ranners
	ъ.	Pennisetum	ъ.	Local Variety	Warm / Humid	Normal	Normal	Tall & low	Food &	Source of		Kharif (May to	Farmers / Department	E.
5	Bajra	ra americanum	Bajra	MHB-110	climate under Sandy loam Soil	Normal		Yielding variety	Fodder	Energy	-	October)	/ Privaate Suppliers	Farmers
6	Wheat	Triticum aestivum	Kanak	HD2967,PBW64 4	Cool Climate during early part of its growth	Plenty	Plenty	High yielding Variety	Food & Fodder	Source of Energy	Suitable for Chappati/Brea d making	Rabi	Farmers / Department / Privaate Suppliers	Farmers
7	Lentil	Lens esculantum	Masar	PL406	Cool & dry	Normal	Rare	High yielding Variety	Food	Source of Protein/Energ y	Improve soil fertility	Rabi	Farmers / Department / Privaate Suppliers	Farmers
8	Chick-pea	Cicer arietinum	Chana	GNG-469/C 235	Cool & dry	Normal	Normal	High yielding Variety	Food	Source of Protein/Energ y	Improve soil fertility	Rabi	Farmers / Department / Privaate Suppliers	Farmers

9	Peas	Pisum sativum	Matar	Rachna	Cool & dry	Normal	Normal	Early maturing &High yielding	Food	Source of Protein/Energ y	Used as Vegetable	Rabi	Farmers / Department / Privaate Suppliers	Farmers
10	Onion	Allium cepa	Gamd	nasik Red. Red Coral, Monsanto And Local Spp.	local Planee areas	Rare	Rare	Bulbs Cash Crop	Vegetab gles	Vegetable	Staple Vegetable food	Rabi	Farmers / Department / Privaate Suppliers	
11	Mustard	Brassica juncea/ Brassica comprestris	Sarson	Pusa Bold/ KOS - 1	Cool & dry	Normal		Matures in 145- 150 days with 40-42 % oil content	oil for Food	Source of energy i	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department / Privaate Suppliers	Farmers
12	Gobhi Sarson	Brassica napus	Gobhi Saria	GSL-1,DGS-1 ,Local	Cool & dry	Normal	Abundan	Annual Herb,yellow flowers bearing Pods	oil for Food,leaves used as vegetable	Source of energy i,calciam,cop per,potassium	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department / Privaate Suppliers	Farmers
13	Linseed	Linum usitatissimum	Alsi	LC 54	Cool & dry	Normal	Rare	Medium duration	Food & fiber	Source of energy in the shape of Oil	Medicinal,ind ustrial & domestic use	Rabi	Farmers / Department / Privaate Suppliers	Farmers

14	Potato	Solamum tuberosum	Aalo	Kufri Sindhuri,Kufri Badsha, local	Potato is an herbaceous annual,requirs cool weather,mostly rainfed conditions	Rare	Rare	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable,c hips etc	-	High carbohydrate,p rovide high n energy value	Rabi	Farmers / Department / Privaate Suppliers	Farmers
15	Toria	Brassica j. rape cv.Toria	Toria	RSPT-1,RSPT- 2,Local var.	Cool & dry with bright sunshine	Normal	Normal	Short durationAnnual Herb	oil for prepration of Food	Source of energy i,calciam,cop per,potassium		Between Kharif & Rabi season	Farmers / Department / Privaate Suppliers	Farmers
16	Sesame	Sesamum indicum	Til	Punjab Til No.1/local	Warm / Humid of Sub tropical region	Normal	Normal	Medium Yielding	Food	Source of Vegetable oil	Religiuos and medicinal value	June - Oct.	Farmers / Department / Privaate Suppliers	Farmers
17	Sugarcane	Saccharum officinarum	Ganna	COJ-64,COJ-81	Sub Tropical	Nil	Nil	Long duration crop for Nine months	Food	Source of energy in the shape of Gur/Sugar	Sugar cane Juice used as prefered drink for instant source of energy during summer besides beating heat	Spring season	Farmers / Department / Privaate Suppliers	Farmers

18	Chilli	Capsicum spp	Mirchi	Pusa Jawala, CH-1	Tropica/sub tropicall vegetable,grows well warm humid conditions	Normal	Normal	Pungency and flavor	Used as spice ,medi cianal value	-	Contains good ammount of vitamin A&C	winter season	Farmers / Department / Privaate Suppliers	Farmers
19	Tomato	Solanum lycopersicum	Tamater	Pusa rubi,Pusa early dwarf, Manisha Plus/local	Warm season crop	Abundan	Normal	Stems are woody and weak, and tend to vine over other types of plants.	Used as vegetable ,s alad, soup,Souce	rich source of Ascorbic acid	Tomatoes are also packed with vitamins A and C, calcium, potassium.	Rabi	Farmers / Department / Privaate Suppliers	Farmers
20	Okra	Abelmoschus esculentus	Bindi	Varsha uphar, Arka Anamika	Tropica/sub tropicall vegetablHot and humid climate	Abundan	Normal	Tender green fruit used as vegetable	Mainly vegetable	Source of Fiber	Contains dieta fibers,protein and carbohydratesr y	Summer/ Kharif	Farmers / Department / Privaate Suppliers	Farmers
21	Cucumber	Cucumis sativus	Kheera	Kheera local,JL	Grows in all climatoic conditions, Tropical, S ub tropical & temprate	Abundan		Limbing annual bearing elongated thick cylendrical fruit	used as	-	It also used asantipyretic and causing cooling effect	Summer/ Kharif	Farmers / Department / Privaate Suppliers	Farmers
22	Bottle gourd	Lagenaria siceraria	Lokki	PSPL/Punjab Long	Summer &rainy season crop	Abundan	Normal	Vines vigrous, profusly branched	Subzis, curries and gravies.	-	It also contains essential vitamins and minerals	Summer/ kharif	Farmers / Department / Privaate Suppliers	Farmers

23	Bitter gourd	Momordica charantia	karela	Pusa Domausmi/Kund an	Warm and Humid climate	Abundan	Normal	Herbaceous climbing annual with ridged stems	Vegetable and medicinal value	-	Used for maitaining low suger level	Summer/ kharif	Farmers / Department / Privaate Suppliers	Farmers
24	Beans	Phaseolus Spp.	Phaliya	Contender	Cool weather crop/Sandy/loamy soil	Abundan	Normal	Tender green pods are used as vegetable	Mainly vegetable	Source of energy in the shape of Gur/Sugar	High vale protein,Vitami neB1,B2 <b6 and Maganese</b6 	Summer season	Farmers / Department / Privaate Suppliers	Farmers
25	Cauliflower	Brassica oleracae var.botrytis	Fol gobi	Pusa snow ball,Pusa Katki,local Girja	Both sub tropical &intermediate	Abundan	Nil	White and tender head ,curdforme d from shortened flower part	Curd Mainly used as vegetable	-	Also good sourse of protein,carboh ydrate,phasph orus& iron		Farmers / Department / Privaate Suppliers	Farmers
26	Cabbage	Brassica oleracae var.capitata	Band gobi	Golden Acre,Pride of India,Green Flesh	Both sub tropical &intermediate	Abundan	Nil	Round head withlight to dark green colour	Head Mainly used as vegetable,sa lad	-	Also good sourse of protein,carboh ydrate,phasph orus& iron	Rabi	Farmers / Department / Privaate Suppliers	Farmers
27	Knol khol	Brassica oleracae var.gongyloid es	Kadam	White vienna,Purple vienna	cool &moist climate/sub tropical	Abundan	Normal	Swollen stem ,grren/purple with long and broad leaves	Swollen stem and leaves are consumed as vegetable	-	-	Rabi	Farmers / Department / Privaate Suppliers	Farmers

28	Spanich	Spinacea oleracea	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils	Abundan	Normal	Tender green leaves & root used as Vegetable	Tender green leaves used as leafy Vegetable	-	Vitamins A and C, fiber, folic acid, and other nutrients	Rabi	Farmers / Department / Privaate Suppliers	Farmers
29	Radish	Raphanus sativus	Mulli	Japanes White ,Koren Etc	Cool season Crop, thrives well on well drained Sandy loam soils	Abundan	Normal	Tender green leaves &roots used as Vegetable	Modified Roots are used as Vegetabke & Salad	-	Full of vitamin A, C, E, B6, potassium, and other minerals,	Rabi	Farmers / Department / Privaate Suppliers	Farmers
30	Carrot	Daucus carota	Gajer	Pusa Kesar,local	Cool &moist climate/ sub tropical& intermedite	Abundan	Nil	Modified Root is eatable	Root is used as Vegetable, Salad, Juice, Sweet Dish, Preserve etc.	-	Good source of carotene, , lutein, and zeaxanthin.Vit A,C,B6,Folic acid	Rabi	Farmers / Department / Privaate Suppliers	Farmers
31	Turnip	Brassica rapa	Gunglu /Shalgam	PTWG/Local	Cool &moist climate/sub tropical&intermedite	Abundan	Normal	Modified Root is eatable	Root is used as Vegetable, Salad,.	-	Good source of Vit.C,Diatry Fiber &Potasium	Rabi	Farmers / Department / Privaate Suppliers	Farmers
32	Exocitic Vegetables	Brocolli// Chinese Cabbage / Capsicum etc.		Prevelent Hybrid varieties	Cool &moist climate/sub tropical&intermedite	Rare	Rare	All Plants Carts and Fruits are eadable Ric Source of antioxidents	Salad and Vegetable		Ric Source of Multivitimins, Minierals and Antioxidents	Rabi	Farmers / Department / Privaate Suppliers	Farmers

					Form	at-2 : Fr	uit Plants					
1	2	3	4	5		6	7	8	9	10	11	12
DI	S	Landa	N. C.A	Landscape	Local	Status	Source of Seeds /	Season of	Associated	T. Company	Other Details	Community
Plant	Scientific Name	Local Name	Variety	/Habitat	Past	Present	Plants	fruiting	TK	Uses	markt / own use	/Knowledge Holder
Mango	Magnifera indica				Plenty	Plenty						
Amrud	Psidium guajava					Rare						
Ber	Zizyphus jujuba					Normal						
Jamun	Syzygium cumini					Normal						

#### Format 3:-Fodder Crops / Species 1 2 3 4 5 6 7 8 9 10 11 12 13 **Local Status** Other Area Sources of Scientific Landscape/ Community S. No. Plant **Local Name** Habit (Approx.)Rab Part Used Associated TK details(mod Seeds and Habitat Kn. Holders Name i/ Kharif e of use) **Plants Past** Present Nutritious & Sub Humid & Farmers Trifolium palatable fodder, Chhatala moderately Abundant Nil **Entire Plant** Fodder Barseem Annual alexandrium Source of energy Farmers / cool for animals Department/ 8030 Privaate Suppliers Farmers Cool & moist Above ground Nutritious & 2 Abundant Normal Fodder Oats Avena spp. Javi Annual climate part of plant palatable fodder, Farmers Warm & Above ground 3 Sorghum spp. Abundant Rare Source of energy Fodder Sorghum cherri Annual humid part of plant Farmers / Department/ Privaate Farmers Suppliers Warm & Food & Above ground Source of energy Abundant Abundant 4 Maize Zea mays Makki Annual humid part of plant fodder 6840 Farmers Pennisetium Warm & Above ground Food & Bajra Source of energy 5 Normal Bajra Annual Abundant part of plant fodder americanum humid Farmers / Department/ Privaate Kharif Legume Farmers Suppliers Above ground Vigna Warm & 6 Cowpea Rongi Abundant Normal with high Fodder Annual part of plant unguiculata humid protein

						Format-	4 : Weed	S					
1	2	3	4	5	6	7	8		9	10	11	12	13
S. No.	Plant	Scientific Name	Local Name	Affected Crop	Habit	Landscape/	Local	Status	Uses if any	Management	Associated TK	Other details	Community
3.110.	Tiant	Scientific Name	Local Name	Affected Crop	Habit	Habitat	Past	Present	Uses II any	options	Associated TK	Other details	Kn. Holders
1	Pig Weed	Amaranthus virdis	Jangli Choulai	Rice, Maize & sugarcane	Annual herb	Agri. Land	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein & amino acid	Also Used as medicinal herb	Farmers
2	Lamb's quarters	Chenopodium album	Bathua/ Kanah/Wild Spinach	Wheat, Pea, Potato	Annual herb	Agri. Land	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein,Vit. A, Calcium , Phosporous & potash	Annual feed & fermentation of Beverages	Farmers
3	Nut Grass	Cyprus rotundus	Dilla/Motha	Paddy,maize,sug arcane,vegetable	Perennial	Agri. & Non Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers
4	Barnyard Grass	Echinochloa crusgalli	Swank	Paddy	Annual	Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Nil	Farmers
5	Carrot grass	Parthenum hysterophorus	Congress Grass	Gardens & sugarcane ratoon crops & other crops	Annual	Agri. Land	Abundant	Abundant	Nil	Physical, Mechanical, Chemical	Abnoxious weed difficult to manage		Farmers
6	Bur Clover	Medicago denticulata	Maina	Wheat Grass Peas	Perennial herbaceous legume	Agri. Land	Normal	Normal	Fodder, vegetable & green manure	Mechanical, Chemical	Nil	Improves Soil fertility	Farmers
7	Canary Grass	Phalaris minor	Sitti/gilli danda	Wheat Grass Peas, mustard	annual	Agri. Land	Abundant	Abundant	Fodder & forage	Mechanical, Chemical	Source for High quality protein	Agri. Land	Farmers

8	Meadow Pea	Lathyrus aphaca	Matri	Wheat Grass Peas, mustard	annual	Agri. Land	Normal	Normal	Fodder	Mechanical, Chemical	Nil	Agri. Land	Farmers
9	Canada Thistle	Cirsuim arvense	Leh	Wheat gram, Barley	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
10	Bang	Cannabis indica	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
11	Nilibuti	Ageratum conyzoides	Nilibuti	Rabi Crops	Perennial	Agri. & wasteLand	Abundant	Abundant		Mechanical, Chemical	Nil	Agri. & wasteLand	Farmers
12	Dub Grass	Cynodon dactylon	Dub Grass	Rabi/ Kharif	Perennial	Agri. & wasteLand	Abudant	Abudant	Fooder	Mechanical, Chemical	Nil	Agri. & wasteLand	Farmers
13	Wild oats	Avena fatua	Jangli Javi	Oats	Annual herb	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrative Fodder for Animals	Farmers
14	Wild Rice	Echinochloa colonum	Swanki	Paddy	Annual herb	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrative Fodder for Animals	Farmers
15	Jhonson Grass	Sorghum helepense	Beru grass	Sorghum	Perinneal	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrative Fodder for Animals	Farmers
16	wild onion	Allium humaie	Jangli payas	Onion	Annual herb	Temprate/ sub tropical	Nil	Nil	Food and medicine	All parts used	-	-	Farmers

### **Format-5: Pests of Crops** 1 2 3 4 5 6 7 8 9 10 Community Time / Season of Management Host Insect /Animals Scientific Name **Local Name** Habitat Associated TK **Other Details** /Knowledge mechanism Attack Holder Field/orchard Amritous a\tkinsoni Tella Feb-April Pestcide Prunning Discourge HDP Mango Insects Pesticide, Basin Making Drosicha magiferae Mealey Bug Hand Picking Mango Insects Orchard Feb Onwards April- May Smoking Bagging Dispose Off Pesticides, Other Cultural Paapilio ledmoteus Caterpillar Citus Insects Orchard/Field Methods Aug.- Oct. Pesticides Orchard Euodocina fullonia Sucking Moth Orchard/Field Maturity Stage Citus Insects Sanitization Pesticides, Basin Making Fruit Nut Gatesclarkeana erotias Orchard/Field Litchi Insects At pea stage Ploughing birer Bactrocera dorsalis Fruit Fly Orchard/Field Maturity Stage Pesticides, Fruit Fly trape Guava Insects Destroy infected Amla Phyllanthus emblica Gall Maker Orchard/Field Feb Onwards Pesticides Prunning Insects Shoots

	Format 6: Markets 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) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish							
Nil															

Note: [1] (D) – day; (M) – month; [2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

				Forma	t 7: Peoplescap	oe				
1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / Tribe	Social condition	Nature of inhabitants	No. of HHs
4700 Approx							SC/ ST/ General/ OBC			

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc. Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc How the community manages the landscapes they use for satisfying different needs, their strategies and perception How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

						Forma	t 8: Landscaj	pe					
	1		2	3	4	5	6	7	8	9	10	11	12
Major I	⊥andscaj	pes	Sub -	Features and		General			Management practices		Associated	Other	Community
Agricultural land	Pond	Fallow land	Landscapes	approx. area	Ownership	flora	General fauna	User groups	practices	General uses	TK	details	accessed
Plains &	Plains & Kandi areas		Plains	Hhilly as wellas	Forest land,Private ,s tate lands,	Broad leaved mainly	Domestic animals, wildlife such as porcupine, jackal etc.	well as		Plantation and Agriculture	-	-	-
			Hillocks	Plain terrain with gentle slope	Forest land,Private ,s tate lands,	Broad leaved and conifers	Domestic animals, wildlife such as porcupine, jackal etc.	well as		Plantation and Agriculture	-	-	-
Shiwa	Shiwalik areas		Hills	Hills with gentle slopes	Forest land,Private ,s tate lands,	Broad leaved and conifers	Domestic animals, wildlife such as porcupine, jackal etc.	well as		Plantation and Agriculture	-	-	-

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

					Forn	nat-9: Waterscape						
1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape	Sub-type	Features and Approx. area	Ownership	General flora	Genreal fauna	Major Uses	User group	Management practices	General uses	Assocaited TK	Other details	Community accessed
Ponds			Forest land and Private land	Kamal, Baryan,	Frogs , fishes, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	Public	-	-	-	-	-
Tube well			Forest land and Private land		Frogs , fishes, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	Public	ı	-	-	ı	-

# Format-10: Soil Type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil Management	Plants / crop suitable	Flora and Fauna	Associated TK	Other information
Alluvial sandy soi	Fine & coarse grain	rich in N,ca, fe,si	-	-	-	-	-
Hill and mountauin soil	Fine & coarse grain	ca,fe,n,si, etc	-	-	-	-	-
Red podozolic soil	brown,red	fe,ca,fe,n,si	-	-	-	-	-
Unconsolidated boulder soil	Coarse grain, rocky	fe, si	-	-	-	-	-

					Format	t 11: Fruit	Trees					
1	2	3	4	6	,	7	8	9	10	11	12	13
Plant	Local Name	Scientific Name	Variety	Landscape /	Local	Status	Source of Seeds /	Season of	Associated	Uses	Other Details markt / own	Community /Knowledge
Tant	Local Name	Scientific (value	variety	Habitat	Past	Present	Plants	fruiting	TK	Uses	use	/Knowledge Holder

# Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)

		2		_			_	0		10	44	10
1	2	3	4	5		6	7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Local	Status	Source of	Season of	Uses (usage)	Associated	Other details market/own	Community/ Know.
		Second to 1 mine	, ur reely	Habitat	Past	Present	plant/seeds	Fruiting	oses (usuge)	TK	use	holder
Herbs	Dudlu	Taraxacum officinale		Temperate area	Rare	Rare	Root			N.A	N.A	Generally, held by community
Herbs	Tarad	Dioscorea belophylla		Lower shiwalik	Abundant	Normal	Seed			N.A	N.A	Generally, held by community
Herbs	Jungli putna	Mentha arvensis		Lower shiwalik/Temperat e area	Abundant	Normal	Root			N.A	N.A	Generally, held by community
Shrubs	Trimuru	Zanthoxylum aurmatum		Lower shiwalik	Rare	Rare	Seed			N.A	N.A	Generally, held by community
Shrubs	brankad	Adhatoda vesica		Lower shiwalik	Abundant	Abundant	Seed			N.A	N.A	Generally, held by community
Shrubs	Drainkdu	Murraya koenigii		Sub-Tropical area	Rare	Abundant	Seed			N.A	N.A	Generally, held by community
Shrubs	Dussa	Colebrookia oppositifolia		Lower shiwalik	Rare	Rare	Seed			N.A	N.A	Generally, held by community
Shrubs	Thor/Shuu	Euphorbia royleana		Lower shiwalik	Abundant	Normal	Seed			N.A	N.A	Generally, held by community
Shrubs	Bareyan	Acorus calamus		Lower shiwalik	Rare	Normal	Seed			N.A	N.A	Generally, held by community
Shrubs	Bhang	Canabis sativa		Lower shiwalik	Abundant	Normal	Seed			N.A	N.A	Generally, held by community

Tree	Amla	Phyllanthus emblica	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Bair	Ziziphus xylocarpa	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Bheda	Terminalia bellerica	Lower shiwalik	Rare	Rare	Seed		N.A	N.A	Generally, held by community
Tree	Bill-Patre	Aegle mermelos	Sub-Tropical area	Abundant	Normal	Seed		N.A	N.A	Generally, held by community
Tree	Drankh	Melia azadirach	Lower shiwalik	Abundant	Normal	Seed		N.A	N.A	Generally, held by community
Tree	Harad	Terminalia chebula	Lower shiwalik	Abundant	Rare	Seed		N.A	N.A	Generally, held by community
Tree	Jaman	Syzygium cumini	Lower shiwalik	Abundant	Normal	Seed		N.A	N.A	Generally, held by community
Tree	Kakad-Singhi	Pistacia khinjuk	Lower shiwalik	Rare	Nill	Seed		N.A	N.A	Generally, held by community
Tree	Karal	Bauhinia variegata	Lower shiwalik	Rare	Normal	Seed		N.A	N.A	Generally, held by community
Tree	Khair	Acacia catechu	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Kringal	Casia fistula	Lower shiwalik	Abundant	Normal	Seed		N.A	N.A	Generally, held by community
Tree	Lusada	Cordia dichotoma	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Mangoo	Mangifera indica	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community

Tree	Retha	Sapindus mukorossii	Lower shiwalik	Rare	Rare	Seed		N.A	N.A	Generally, held by community
Tree	Rumbal	Ficus racemosa	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Sree	Albizzia lebbeck	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Trimbal	Ficus auriculata	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Tuni	Toona ciliata	Lower shiwalik	Abundant	Normal	Seed		N.A	N.A	Generally, held by community
Tree	Arjun	Terminalia arjuna	Lower shiwalik	Rare	Rare	Seed		N.A	N.A	Generally, held by community
Tree	Amla	Amblica officinales	Lower shiwalik	Abundant	Abundant	Seed		N.A	N.A	Generally, held by community
Tree	Neem	Azadirecta indica	Lower shiwalik	Abundant	Normal	Seed		N.A	N.A	Generally, held by community
tree	Khair	Accacia catechu	Lower shiwalik	Abundant	Normal	Seed		N.A	N.A	Generally, held by community
Shrubs	Bhang	Cannabis sativa	Lower shiwalik	Abundant	Normal	Seed		N.A	N.A	Generally, held by community

	Format 13: Ornamental Plants/ Trees/Climbers etc.													
1	2	3	4	5	6	7	8	9	10					
Plant Type	Local name	Scientific name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder					
Tree	kringal	Casia fistula	-	Flower Fruit	Non-Commercial	N.A	N.A	N.A	Generally, held by community					
Tree	Gandera	Nerium oleander	-	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community					
Tree	Thub	Erythrina indica	-	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community					
Tree	Badah	Salix alba	-	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community					
Climber	Kareer	Rosa acicularis	-	Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community					

	Format 14: Timber Plants / Trees													
1	2	3	4	:	5	6	7	8	9	10				
Plant Type	Local Name	Scientific Name	Habitat	Local	status	Wild/ home-	Other uses	Associated TK	Other details	Community/ Know.				
Frant Type	Local Name	Scientific Ivame	manitat	Past	Present	garden	(multi)	Associated 1 K	Other details	holder				
Tree	Kiker	Acacia nilotica	Lower shiwalik	Rare	Rare	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Mangoo	Mangifera indica	Lower shiwalik	Abundant	Abundant	Wild/ home- garden	Own	Nil	Nil	Generally, held by community				
Tree	Safeda	Eucalyptus spp.	Lower shiwalik	Rare	Rare	Wild	Commercial	Nil	Nil	Generally, held by community				
Tree	Sree	Albizzia lebbeck	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Tuni	Toona ciliata	Lower shiwalik	Abundant	Normal	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Popular	Populus ciliata	Lower shiwalik	Rare	Nill	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Chir	Pinus roxburhii	Lower shiwalik	Rare	Rare	Wild	Own	Nil	Nil	Generally, held by community				
Tree	Jammun	Syzygium cumini	Lower shiwalik	Rare	Normal	Wild	Own	Nil	Nil	Generally, held by community				

					Format 15: Do	mestica	ted Anin	nals				
1	2	3	4	5	6	,	7	8	9	10	11	12
Animal	Local	Scientific Name	Breed (local/	Features	Method of	Local	Status	Uses	Associated TK	Commercial	Other details including	Community
Туре	Name	Scientific Name	hybrid)	reatures	keeping	Past	Present	Uses	Associated 1 K	rearing	products and Services	Know.Holders
	Gau	Bos indicus	ND	Low yield	stall feeding	Abundant	Decrease	Dairy	Nil	No	Milk	All
Cattle	Jersy Gau	Bos taurus	CB Jersy	Dished face	stall feeding / semi intensive	Very few	Increase	Dairy	Nil	yes	Milk	All
	Amrecan Gau	Bos taurus	CB HF	Black and white spot	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
D (C.1	Manj	Bubalus bubalis	Local	Low yield	stall feeding	Abundant	Decreased	Dairy	Nil	No	Milk	All
Buffalo	Punjabi Mais	Bubalus bubalis	Murrah /Graded	Black color body	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
Horse	ghoda	Equus caballus	Local	Red color body	Backyard	Abundant	Decrease	Pack/ Cart	Nil	No	Pack/ Cart	All
	Chakore	Alectoris chukar	Local	black and white stripes ,beak is short, strong, and orange in color	Backyard	few	Decrease	Egg,meat	Nil	Yes	Egg, Meat	All
	Parrot	Psittaciformes	Local	parrot green in colour with red beak	Backyard	few	Decrease	decorative	Nil	No	Nil	All
	Pigeon	Columbidae	Local	white color, fast growing	Backyard	few	Decrease	decorative	Nil	No	nil	All
Dog	Kutta	canis familaries	Local	Nil	Pet ,Stray	Abundant	Abundant	Nil	Nil	No	Nil	All / stray

Cat	Billi	felis catus	Local	Grey /white color	Pet ,Stray	Abundant	Abundant	pet	Nil	No	Nil	All / stray
Rabbit	Khargosh	Oryctolagus cuniculus	White gaint	white	Pet ,wild	few	few	Pet	Nil	No	Nil	All / wild
Pig	Suar	sus scrofa domesticus	Yorkshir e cross	white	Domesticated	few	Increased	Meat	Nil	Yes	Nil	Sikh /Chrisitians/SCco mmunity

	Format 16: Culture Fisheries														
1 2 3 4 5 6 7 8 9 10 11											12				
Fish Type	Local Name	Scientific	Variety	Features	Waterscape (Pond/Bheri/T	Local status		Uses	Associated TK	Commercial	Other details	Community Know.			
rish Type	Local Ivalic	Name	variety	reatures	alao)	Past	Present	U SCS	Associated TK	Rearing	Other details	Holders			

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc

	Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products													
1	2	3	4	5	6	7	8	9						
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi- annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day		Places to where the animals are transported						
Nil														

### Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc. 3 7 8 9 1 2 4 5 6 10 11 Local status Community Commercial / own Other Scientific Name Part collected Associated TK Plant Type **Local Name** Habit Habitat Knowledge details use Holder Past Present Northern/Sub-Commercial/ Shisham Dalbergia sisoo Moderate Tree Tree Good Stem, Timber Tropical own use Northern/Sub-Timber/ Commercial/ Tree Khair Acacia catechu Tree Good Moderate Katha Tropical own use Firewood Northern/Sub-Commercial/ Emblica officinalis Tree Good Moderate Food processing Tree Amla Fruit Tropical own use Northern/Sub-Timber/ Commercial/ Albizziz lebbeck Moderate Tree Siris Tree Good Tropical own use Firewood Northern/Sub-Commercial/ Timber/ Chir Pinus roxburghii Tree Good Resin Tree Rare Tropical Firewood own use Northern/Sub-Timber/ Commercial/ Leucaena lencocephala Tree Lecunia Tree Good Moderate Tropical own use Firewood Northern/Sub-Timber/ Commercial/ Tree Simbal Bombax cebia Tree Good Moderate Tropical Firewood own use Northern/Sub-Commercial/ Timber/ Tree Kamila Mallotus philippensis Tree Good Moderate Tropical Firewood own use Northern/Sub-Timber/ Commercial/ Cassia fistula Moderate Tree Krangal Tree Good Tropical Firewood own use Northern/Sub-Commercial/ Tree Ber Ziziphus jujuba Tree Good Moderate Fruit Tropical own use

Tree	Plash	Butea monosperma	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Arjun	Terminalia arjuna	Tree	Northern/Sub- Tropical	Good	Rare	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Jamun	Syzygium cumini	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Santha	Dodonaea viscosa	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Amb	Mangifera indica	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	-	-
Tree	Kiker	Acacia nilotica	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Sagwan	Tectona grandis	Tree	Northern/Sub- Tropical	Good	Rare	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Safeda	Eucalyptus	Tree	Northern/Sub- Tropical	Good	Rare	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Bel	Aegle marmelos	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Leaves/ Fruit	-	-	-
Tree	kakoa	Flacourtia indica	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	-	-
Grass	Bamboo	Dendrocalamus strictus	Grass	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Sticks	-	-	-
Herbs	Bhang	Cannabis sativa	herbs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Leaves	-	-	-
Shrub	Jojra	Pupalia lappacea	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	-	-	-	-
Shrub	Garna	Carissa spinarum	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	-	-	-

Shrub	Panjphuli	Lantana camara	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	-	-	-	-
Shrub	Gandila	Nerium indicum	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Flower	-	-	-
Shrub	Pansar	Wendlandia heynei	Shrubs	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	-	-	-	-
Herbs	congress Grass	Parthenium hysterophrous	herbs	Northern/Sub- Tropical	Good	Moderate	I	-	-	-	1
Tree	Badh	Ficus religiosa	Tree	Northern/Sub- Tropical	Good	Moderate	ı		-	-	-
Tree	Phulai	Acacia modesta	Tree	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	1
Climber	Tarad	Dioscorea belophylla	Climber	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Roots			
Climber	Jungli bitter melon	Momordica charantia	Climber	Northern/Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit			
Climber	Purple yam	Diascorea alata	Climber	Northern/Sub- Tropical	Good	Moderate	-				
Climber	Striped cucumber	Diplocyclos palmatus	Climber	Northern/Sub- Tropical	Good	Moderate	-				

	Format 19: Wild Plant Species of Importance											
1	2	3	4	5	6							
S.No.	Local Name	Scientific Name	Variety	Importance (economic, social, cultural etc.)	Status							
1	Santha	Dodonaea viscosa	Shrub	Firewood	Good							
2	Kanner/Lal Gandila	Nerium indicum	Shrub		Good							
3	Daduni	Punica grantum	Shrub	Live Hedge fencing	Good							
4	Brenker	Adhatoda vasica	Shrub	-	Good							
5	Bhang	Cannabis sativa	Shrub	Medicinal	Good							
6	Aakh	Ipomea carnea	Shrub	Soil binder	Good							
7	Pansar	Wendlandia heynei	Shrub	Firewood	Good							

### Format 20: Aquatic Biodiversity

1	2	3	4	5		6	7	8	9	10
Local name	Scientific name	Variety	Features	Habitat	Local	Status	Uses	Associated TK	Other details	Community knowledge
Local name	Scientific frame	variety	reatures	Habitat	Past	Present	Uses	Associated TK	Other details	holder
Snail	Gastropoda		Land snails have a strong muscular foot, they use mucus to enable them to crawl over rough surfaces and to keep their soft bodies from drying out.		Good	Good	-	-	-	
Carp	Cyprinus carpio		Dorsal fin base longh wioth 17-22 branched rays and a strong toothed spine in front, pharyngeal teeth 5:5 teeth with flattened crowns.		Good	Good	1	1	-	
Broun trout	Salmo trutta		An average length of 40-80 cm with a maximum length of 140 cm the spawning behaviour of brown trout is similar to that of the closely related atlantic salmon.		Good	Good	ı	1	-	
Turtle	Testudines		Turtles spend most of their lives in water, they are adapted for aquatic life, freshwater turtles live in ponds and lakes, and they climb out of the water onto logs or rocks to bask in the warm sun		Good	Rare	-	-	-	
Sago pondweed	Potamogeton pectinatus		Is a perennial ata a fast rate, it is in flower from may to september. The species is hermaphrodite (has both male and female organs) and is pollinated by wate. It is noted for attracting wildlife.		Good	Good	-	-	-	

Lotus	Nelumbo nucifera	Edible, with rhizome ,seeds, and leaves have been used as folk medicine, ayurveda and oriental medicine	Good	Good	-	-	-	
Water Spinach	Ipomoea aquaticum	It contains abudnat quantities of water, iron, vitaminC, Vitamin A and other nutrients	Good	Rare	-		ı	
Watercress	Rorippa nasturtium - aquaticum	It contains a plethora of antioxidants, which may lower your risk of heart disease and several types of cancer it's also a good source of minerals that protect your bones	Good	Good	-		-	

## Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic, social, cultural etc.)	Trends
1	Lotus	Nelumbo nucifera	-	Edible, with rhizome ,seeds, and leaves have been used as folk medicine, ayurveda and oriental medicine	-
2	Water Spinach	Ipomoea aquaticum	-	It contains abudnat quantities of water, iron, vitaminC, Vitamin A and other nutrients	-
3	Watercress	Rorippa nasturtium - aquaticum	-	It contains a plethora of antioxidants, which may lower your risk of heart disease and several types of cancer it's also a good source of minerals that protect your bones	-

### Format 22: Wild Plants of Medicinal Importance 3 7 10 1 2 4 5 6 8 9 11 Local status Plant(herb, Landscape/ c.knowledge Other details **Local Name** Scientific Name Variety **Associated TK** Uses Part used holder shrub, tree) habitat market/own use **Past Present** Northern/Sub-Arjun Terminalia arjuna Tree Tree Good Rare Medicinal Bark Tropical Northern/Sub-Emblica officinalis Tree Amla Tree Good Good Medicinal Bark/ Fruit Tropical Northern/Sub-Tree Harad Terminalia chebula Tree Good Rare Medicinal Bark/ Fruit Tropical Northern/Sub-Tree Behra Terminalia bellirica Tree Good Rare Medicinal Bark/ Fruit Tropical Northern/Sub-Pongamia pinnata Tree Sukchain Tree Good Rare Medicinal Bark Tropical Northern/Sub-Syzygium cumini Tree Tree Good Good Medicinal Fruit /seeds Jamun Tropical

	Format 23: Wild relatives of Crops													
1	2	3	4	:	5	6	7	8	9	10				
Local	Scientific	Associated crop	Landscape / Habitat		Status	Uses	Part Used	Associated TK	Other details	Community / Know holder				
Name	Name	Associated crop	Landscape / Habitat	Past	Present	(usage)			Other details					

	Format 24: Ornamental Plants												
1	2	3	4	5	6	7	8						
Local Name	Scientific Name	Variety	Habitat	Commercial/non- commercial uses	Associated Tk	Any other detail	Community knowledge holder						
Gandila	Nerium indicum	Shrub	Northern/ Sub-Tropical	-	-	-	-						
Panjtara	Tara spinosa	Shrub	Northern/ Sub-Tropical	-	-	-	-						
Bougainvillea	Bougainvillea glabra	Shrub	Northern/ Sub-Tropical	-	-	-	-						
Gulmohar	Delonix regia	Tree	Northern/ Sub-Tropical	-	-	-	-						

1	2	3	4	5	6		7	8	9	10	11
Plant (herb,shrub,	Local Name	Scientific Name	Variety	Habitat	Local	status	uses	Part used	Ass.TK	Other details	Community knowledge
Tree)	Local Name	Scientific Ivame	variety	Habitat	Past	Present	uses	rait useu	A55.1 K	Other details	holder
Herb	Pudina	Mentha spp.		Homestead, agricultural land	Abudant	Abudant	Spice	Leaves	1	1	-
Tree	curry tree	Murraya koenigli		moist forest and agricultral land	Nil	Nil	Spice	Leaves	1	1	-
Herb	wild Tulsi	Ocimum sanctum		Moist soil	Abudant	Rare	Medicinal	Leaves	1	ı	-

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

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local	Status	Other uses, if any	Associated Tk	Any other detail	Community knowledge
Docar (vanic	Scientific (Valle	Habitat	Past	Present	Other uses, if any	Associated 1 K	Any other detail	holder
Chir	Pinus roxburghii	Northern/Sub-Tropical	Good	Rare	Commercial/ own use	Timber/ Firewood	-	-
Shisham	Dalbergia sisoo	Northern/Sub-Tropical	Good	Normal	Commercial/ own use	Timber/ Firewood	-	-
Ber	Ziziphus jujuba	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Sagwan	Tectona grandis	Northern/Sub-Tropical	Good	Rare	Commercial/ own use	Timber/ Firewood	-	-
Safeda	Eucalyptus	Northern/Sub-Tropical	Good	Rare	Commercial/ own use	Timber/ Firewood	-	-
Simbal	Bombax ceiba	Northern/Sub-Tropical	Good	Normal	Commercial/ own use	Timber/ Firewood	-	-
Tunu	Cidrela toona	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Jamun	Syzygium cimini	Northern/Sub-Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-

	Format 27 A: Coastal and Marine Flora												
1	2	3	4		5	6	7	8	9	10			
Plant Tons	Land Name	Cainatifia Nama	Habitat	Local Status		Parts Collected	Commercial Uses			Community/			
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Knowledge Holder			

	Format 27 B: Coastal and Marine Fauna												
1	2	3	4	5		6	7	8	9	10			
Animal Type	Local Name	Scientific Name	Habitat	Local Status		Parts collected	Commercial Uses	Other Uses	Associated TK	Community/			
Annai Type	Local Name	Scientific Ivanic	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Knowledge Holder			

# Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)

1	2	3	4	5	6		7	8	9	10	11
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when	Loca	l status	uses if any	Ass. TK	Other	Community/
Timmai Type	Local Tallic	Scientific Ivalie	Tiabitat	Description	seen	Past	Present	uses if any		details	Knowledge Holder
Wild Animal	Leopad	Panthera Pardus	Northern/ Sub-Tropical	-	Winter	Good	Rare	-	-	-	
Wild Animal	Squirrels	Sciuridae	Northern/ Sub-Tropical	-	-	Good	Good	-	1	-	
Wild Animal	Boar	Sus scofra	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
Wild Animal	Indian Hare	lepus nigricollis	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
Wild Animal	Monkey	Cercopithecidae	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
Wild Bird	Red jungle fowl	Gallus gallus	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
Wild bird	Rose ringed parakeet	Psittaculidae	Northern/ Sub-Tropical	-	-	Good	Good	-	1	-	
Wild Animal	Fox	Vulpes	Northern/ Sub-Tropical	-	-	Good	Rare	-	ı	-	
Wild Animal	Porcupine	Erethizon dorsatum	Northern/ Sub-Tropical	-	-	Good	Good	-	1	-	
wild insects	Grasshooper	Parallelus	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	

wild insects	butterfly	Chorthippus brunneus	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
wild insects	bees	Apis mellifera	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
wild insects	ants	Brachymyrmex patagonicus	Northern/ Sub-Tropical	-	-	Good	Good	-	1	-	
wild insects	Bumble bee	Bombus	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
Amphibia	Frog	Euphlyctis cyanophlyctis	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	
Reptiles	Tortoises	Testudinidae	Northern/ Sub-Tropical	-	-	Good	Rare	-	-	-	
Reptiles	Snake	Serpentes	Northern/ Sub-Tropical	-	-	Good	Good	-	-	-	

URBAN BIODIVERSITY							
Format 29: Flora							
1	2	3	4	5	6	7	
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)	

Note: Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 30: Fauna						
1	2	3	4	5	6	
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)	

Format 31: Any other information of local importance						
1	2	3				
Sr. No.	Information of local importance	Remarks				