

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti:-Lamberi Upper		
Taluk / Block:- Lambri		
District:Rajouri		
State:Jammu And Kashmir UT		
Geographical Area of the Panchayat Samiti: 820.0 HA		
Population under the Panchayat Samiti: Total 1661		
Male:865	Female:796	Total:1661
Habitat and Topography:Hilly & Plain		
Climate (Rainfall, Temperature and weather patterns) Tropical/ Sub Tropical		
Land Use (Nine fold classification available with village records)		
Date, Month and Year of PBR Preparation 28-02-2019		
Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)		

Annexure 1

Details of Biodiversity Management Committee (BMC) 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 Chairperson: Nazama Shaheen	
Age: 30 Yrs	
Gender: Female	
Address: Lamberi Upper	
Area of specialization: Sarpanch	
2) Name: Ajaz ahmed	
Age: 32 Yrs	
Gender: male	
Address: Lamberi Upper	
Area of specialization: Member	
3)Name: Rifat Kossar	
Age: 24 Yrs	
Gender: Female	
Address: Lamberi Upper	
Area of specialization: Member	
4)Name: Mohd Razaq	
Age: 58 Yrs	
Gender: Male	
Address: Lamberi Upper	
Area of specialization: Member	
5)Name: Mohd Muddser	
Age: 35 Yrs	
Gender: male	
Address: Lamberi Upper	
Area of specialization: Member	
6)Name: Razia Begum	
Age: 23 Yrs	
Gender: Female	
Address: Lamberi Upper	
Area of specialization: Member	
7)Name: Yash Paul	
Age: 60 Yrs	
Gender: Male	
Address: Lamberi Upper	
Area of specialization: Member	
8)Name: Mohd Zaman	
Age: 68 Yrs	
Gender: Male	
Address: Lamberi Upper	
Area of specialization: Member	

Annexure-2

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village
1) Name : Nazir Ahmed S/o Mohd Akbar
Age:85
Gender:Male
Address:Lamberi Upper
Area of specialization: Bone and Joint related problems
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use: Bone and Joint related problems
2) Name: Babu din S/o Fakir Din
Age: 51
Gender: Male
Address:Lamberi Upper
Area of specialization: Skin Swelling
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use: Skin Swelling
3) Name: N/A
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry
1) Name of the Chairperson: Vishal Dutta
Age: 39 Yrs
Gender: Male
Address: Lamberi Upper
Area of specialization: Agriculture
2) Name of the Chairperson: Jagdish Raina S/o Tulsi Ram
Age:
Gender: Male
Address: Lamberi Upper
Area of specialization:
3) Name of the Chairperson: N/A
Age:
Gender:
Address:
Area of specialization:
4) Name of the Chairperson: N/A
Age:
Gender:
Address:
Area of specialization:

Annexure 4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR	
1) Contact Person:	
Name and Address:	Mohd Amin (Govt. Primary School Gram)
2) Contact Person: N/A	
Name and Address:	
3) Contact Person: N/A	
Name and Address:	
4) Contact Person: N/A	
Name and Address:	
You may add names of more institutions/NGO/Individuals etc, if necessary	

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

S.no	Name and address of the Person/Institute/company others	Local and Scientific Name of the biological material Accessed 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
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A

End of Part I

Format : 01 Crop Plants

S.No	Crop	Scientific Name	Local Name	Variety	Land Scape / Habitat	Approx area sown	Local Status		Special feature	Cropping season	Uses	Associated TK
							Past	Present				
1	Rice	<i>Oryza sativa</i>	Dhan	K-39,K-343, G-14	Hilly terrain		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food
2	Maize	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food
3	Wheat	<i>Triticum aestivum</i>	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food
4	Mustard	<i>Brassica juncea</i>	Sarson	Pusa bold, Gobi Sarson	Cool & dry		Normal	Normal	Matures in 145-150 days with 40-42 % oil content	Rabi	Source of energy	vegetable Oil extracted from seeds used in cooking
5	CHICK PEA	<i>Cicer arietinum</i>	Chana	C-235, Gaurav, GNG-469	Sub tropical		Rare	Normal	Medium Yielding	Kharif (May to October)	Source of Protein/Energy	Prefered Food for parties as well as Domestic Consumption
6	Black Gram	<i>Vigna mungo</i>	Mash	PU-19,UTTRA	Sub tropical		Plenty	Plenty	Rich source of Protein			
Vegetables												
a	Okra	<i>Avenmoschus esculentus</i>	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg
b	Brinjal	<i>Solanum melongena</i>	Bangun	PPL,PPC, PH4, BR112	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg
c	Brottle Gourd	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate		Normal	Normal	Green Veg	Rabi	Swollen stem and leaves are consumed as vegetable	Source of minerals & energy

d	Cauliflower	<i>Brassica oleraceae</i> <i>var.botrytis</i>	Ful gobi	Pusa Snow Ball, Pusa Katki, Girja	Sub tropical & intermediate		Normal	Normal	-	Rabi	Curd used as vegetable	Also good source of protein,carbohydrate, phosphorus & iron
e	Cabbage	<i>Brassica oleraceae</i> <i>var.capitata</i>	Band gobi	Golden Acre, Pride of India, Green Flesh	Sub tropical & intermediate		Normal	Normal	Round head green colour	Rabi	Head used as vegetable, salad	Also good source of protein,carbohydrate, phosphorus& iron
f	Tomato	<i>Solanum</i> <i>lycopersicum</i>	Tamater	Pusa Rubi,Pusa Early Dwarf, Manisha Plus/ local	Sub tropical & intermediate		Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.
g	Onion	<i>Allium cepa</i>	Pyaj	Pusa Red, Nasik Red, N-53, Liberty	Cool weather at vegetative stage followed by warm weather at Bulb Stage		Normal	Normal	-	Rabi	Vegetable & Salad use	Good source of dietary fiber,Vitamin B6,C,Potassium and folic acid.
h	Potato	<i>Solanum tuberosum</i>	Aaloo	Kufri Sindhuri,Kufri Badsha, Kufri Jyoti	Potato is an herbaceous annual, requires cool weather, mostly rainfed conditions		Normal	Normal	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable, chips etc	-	High carbohydrate, provide high n energy value
i	Peas	<i>Pisum sativum</i>	Matar	Bonneville, Arkel, local var.	Grows under cool conditions,Sub tropical/ Temprate		Normal	Normal	Medium dwarf plant with green well filled pods	Green pods are used as vegetable	-	high in fiber, protein, vitamins, phosphorus, magnesium, copper,

Format 2: Fruit Plants

Plant	Scientific Name	Local Name	Variety	Landscape/ Habitat	Local Status		Source of Seed /Plants	Season of Fruiting	Associated TK	Uses	Other details market/Own use	Communicate/ Knowledge holder
					Past	Present						
Mango	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malda	Subtropical	Plenty	Plenty	Nurseries	June-August		Fruit, Pickling , Preserves	Marketing , own use	
Citrus fruits	<i>Citrus spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	Subtropical, mid hills	Plenty	Plenty	Nurseries	through out year		Fruit, Pickling, Squashes etc.	Marketing , own use	
Guava	<i>Psidium guajava</i>	Amrood	Local, L-49, Allahabadi Safeda etc.	Subtropical	Plenty	Plenty	Nurseries	July-August		Fruit	Marketing , own use	
Grapes	<i>Vitis vinifera michx.</i>	Angoor	Local Dakh, Perlette,	Subtropical, Mid hills	Rare	Rare	Nurseries	July-August		Fruit		
Aonla	<i>Emblica officinalis syn. phyllanthus emblica</i>	Ambla	Local selection , NA-7	Subtropical	Plenty	Plenty	Nurseries, local collection	Nov-Dec		Pickling, Preserves, Juices etc.	Marketing , own use	
Ber	<i>Zizyphus mauritiana lamk.</i>	Ber	gola, Banarasi	Subtropical	Plenty	Rare	local raised	July-August		Fruit	Own use	
Pomegranate	<i>Punica granatum</i>	Anar, Druni	Ganesh, Kandhari, Local	Subtropical, mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August		Fruit, anardana	Own use	
Pear	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept		Fruit	Own use	
Peach	<i>Prunus persica(L.) batsch.</i>	Aaroo	July Elberta, Quetta	Mid hill	Rare	Rare	Nurseries	June-July		Fruit	Marketing , own use	

FORMAT-3; FODDER CROPS/SPICES

S.No	Plant	Scientific Name	Local Name	Land Scape/ Habitat	Local Status		Source of plants/ seeds	Associated TK	Part Used	Other details	Community/ Knowledge holder
					Past	Present					
1	Tree	<i>Grewia optiva</i>	Dhaman	Hilly/ Plain	Plenty	Fairly Available	Local	Fooder	Leaves	Suitable for fodder	Locals
2	Sorghum	<i>Sorghum spp</i>	Charry/ Jawar	Sub Tropical / Intermediate	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	Farmers
3	Barseem	<i>Trifolium alexandrinum</i>	Shatala	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
4	Chilli	<i>Capsicum annum</i>	Mirch	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Viilage Head	Dry fruit	Contains good ammount of vitamin A&C	Farmers
6	Garlic	<i>Allium sativum</i>	Thom	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Medicinal value	Clove	Spice use	Farmers
7	Tree	<i>Morus alba</i>	Shehtoot	Hilly/ Plain	Plenty	Plenty	Agri Dept /Local	Fodder	Leaves	Suitable for fodder	Locals
8	Tree	<i>Leucinia leucocphela</i>	Leucinia	Hilly/ Plain	Plenty	Plenty	Local	Fodder	Leaves	Suitable for fodder	Locals
9	Tree	<i>Celtis australis</i>	Khairak	Hilly/ Plain	Plenty	Plenty	Local	Fodder	Leaves	Suitable for fodder	Locals
10	Tree	<i>Acacia modesta</i>	Phulai	Hilly/ Plain	Plenty	Plenty	Local	Fodder	Leaves	Suitable for fodder	Locals

FORMAT-4 : WEEDS

S.No	Plant	Scientific Name	Local Name	Affected Crop	Impact	Land Scape / Habitat	Local Status		Uses if Any	Management Options	Associated TK	Other details like exotic
							Past	Present				
1	Guli Danda	<i>Philaris minor</i>	Sitti	Wheat	Compete with crop	Sub Tropical/intermediate	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local
2	Parathenium	<i>Parthenium hysterophorus</i>	Congress grass	All crops	Alelopathy effect, reduce yield	Sub Tropical/intermediate	Rare	Plenty	Nil	Chemical / Manual Control	Abnoxious weed difficult to manage	Exotic
3	Bathua	<i>Chinopodium album</i>	Bathua	Wheat, Vegetables	Compete with main crops for space and nutrients	Sub Tropical/intermediate	Plenty	Plenty	Leavy vegetable	Chemical Control	Rich Source of protein, Vit. A, Calcium , Phosporous & potash	Used as green vegetable
4	Wild Oats	<i>Avena spp</i>	Jungli Javi	Wheat	Compete with main crops for space and nutrients	Sub Tropical/intermediate	Plenty	Plenty	Green Fodder for animal	Chemical / Manual Control	Source for High quality protein	Local
5	Bhang	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Alelopathy effect, Compete with crops	Sub Tropical/intermediate	Plenty	Plenty	psychoactive effects	Chemical / Manual Control	intoxicating causes dehydration, nausea and headache	Local
6	Barnyard grass	<i>Achinocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	Sub Tropical/intermediate	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	Nil	Local
7	Nut Grass	<i>Cyprus rotundus</i>	Dilla/Motha	Paddy,maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine
8	Shrub	<i>Cassia tora</i>	Panwear	All crops	Effect plant growth	Plain/ Hilly	Plenty	Plenty	Vegetable	Uprooting		Indigenius
9	Shrub	<i>Vicia hirsute</i>	Papda	All crops	Effect plant growth	Plain/ Hilly	Plenty	Plenty		Uprooting		Local
10	Shrub	<i>Ageratum conyzoides</i>	Neeli Butti	All crops	Effect plant growth	Plain/ Hilly	Plenty	Plenty		Uprooting		Local

FORMAT 5: PESTS OF CROPS

S.No	Host	Insect/ Animal	Scientific Name	Local Name	Habitat	Time/ Season of Attack	Management mechanism	Associated TK	Other details	Community Knowledge Holder
1	Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
2	Rice	Stem Borer	<i>Scirepophaga incertulas</i>	Dhain ka Kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
3	Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
4	Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
5	Maize	Maize stem Borer	<i>Chilo partellus</i>	Sundi	Chewing & biting		Mechanical & Chemical measures	-	Causes dead hearts in young plants	Farmers
6	Maize/Wheat	Termite	<i>Odontotermes obesus</i>	Sink	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers

7	Brijal/ Tomato	Fruit Borer	<i>Helicoverpa armigera</i>	Sundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
8	Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
9	Miaze, Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
10	Maize,Wheat, Fruits, vegetable	Monkey	<i>Macaca mulatta</i>	Bander	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed on Fruits and green vegetables, cobs	Farmers
11	Mustard	Aphid	<i>Lipaphis erysimi</i>	Aphid/ Tella	Sub Troopical /Intermediate	Dec-March	Chemical control	-	Nil	Farmers

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

Note: [1] (D) – day; (M) – month;

[2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

Format 7: Peoplescape

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
Hindu (2159 Population)	484	Animal Husbandary	Agriculture Landscape	Agricultural resources of different nature	Plantation Construction of Roads Check Mam etc.	Seasonal Practices	SC, ST, OT	Normal	Permanent	484
Muslim (295 Population)	Farming labour								Migration due to breeding occupation	

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

Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Pond				Standing water for habitat of plants and animal	Private/ Forest	Algae, fungi, water lilies, bhaang, grass etc	Frogs, snake, snails	Local	.....	irrigation purpose	.....		Locals
Fallow land					Private/ State	.....	.....	.....	.....	.....	.....		.....
Agricultural land			Maize, orchid, vegetable	Open land, close land and garden	Private	Wheat, maize, mash, bajra	Monkey, rat, wild boar	Local	Crop rotation	Food, Fodder, Oil, Vegetables			Locals
Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements													

Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Bowli		drinking water	State /Forest	algae	Frog, snail	domestic use	Locals	manual cleaning				Locals
Nallah			State /Forest	algae, fern, water hyacinth	snail, snake. Leech, amphibians	domestic and agricultural	Locals					Locals/ wild animals
Pond		Standing water for habitat of plants and animals	State /Forest	Fem, water lillies, algae, bryophyllum	Amphibians, snakes, leech	domestic, drinking, irrigation	Locals	manual cleaning and by chemical mthod				Locals/ wils animals

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,

Format 11: Fruit Trees

1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Tree	Aam	<i>Mangifera indica</i>	Local	Hilly		Rare	Horticulture	Jun-Jul	Fruit			Local
Tree	Santra	<i>Citrus × sinensis</i>	Local/ Hybrid	Farm Field		Rare	Horticulture	Nov-Dec	Fruit			Local
Tree	Kimb	<i>Citrus seticulata</i>	Local	Farm Field		Available	Horticulture	Nov-Dec	Fruit			Local
Tree	Banana	<i>Musa</i>	Local	Farm Field		Rare	Horticulture	Oct-Nov	Fruit			Local
Tree	Mousambi	<i>Citrus limeta</i>	Local/ Hybrid	Farm Field		Available	Horticulture	Nov-Dec	Fruit			Local
Tree	Plum	<i>Prunus domestica</i>	Hybrid	Farm Field		Rare	Horticulture	Apr-May	Fruit			Local
Tree	Papita	<i>Carica papaya</i>	Local/ Hybrid	Farm Field		Rare	Horticulture	Apr-May	Fruit			Local
Tree	Amla	<i>Emblica officinalis</i>	Local/ Hybrid	Farm Field		Rare	Horticulture	Aug-Dec	Fruit			Local
Tree	Jamun	<i>Syzygium cumini</i>	Local	Farm Field		Available	Rare		Fruit			Local

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

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
						Past	Present					
Herb	Datura	<i>Datura metel</i>	Local	Wild	Wild	Abundant	Rare	Medicinal	Fruit/ leaves	Aesthetic value	Domestic Use	Locals
Shrub	Aak	<i>Calotropis gigantea</i>	Local	Wild	Wild	Abundant	Rare	Medicinal	Leaves	Aesthetic value	Domestic Use	Locals
Herb	Tulsi	<i>Ocimum tenuiflorum</i>	Local	Domesticated	Domesticated	Abundant	Abundant	Medicinal	Leaves	Digestion/ Cough	Domestic Use	Locals
Shrub	Rumble	<i>Ficus glomerata</i>	Local	Wild	Wild	Abundant	Available	Medicinal	Roots	Skin diseases	Domestic Use	Locals
Tree	Fugwara	<i>Ficus palmata</i>	Local	Wild	Wild	Abundant	Available	Medicinal	Fruit/ leaves	Edible Fruit	Domestic Use	Locals
Tree	Aamla	<i>Emblica officinalis</i>	Local	Wild	Wild	Abundant	Rare	Medicinal	Fruit	Edible Fruit	Domestic Use	Locals
Shrub	Kayora	<i>Agave americana</i>	Local	Wild	Wild	Abundant	Rare	Medicinal	Fruit	Stomach problems	Domestic Use	Locals
Tree	Bahera	<i>Terminalia bellirica</i>	Local	Wild	Wild	Abundant	Declined	Medicinal	Fruit	Respiratory Diseases	Domestic Use	Locals
Shrub	Harad	<i>Terminalia chebula</i>	Local	Wild	Wild	Abundant	Declined	Medicinal	Fruit	Medicinal	Domestic Use	Locals
Tree	Jamun	<i>Syzygium cumini</i>	Local	Wild	Wild	Available	Available	Medicinal	Fruit	Increase HB Count	Domestic Use	Locals
Herb	Pudina	<i>Mentha arvensis</i>	Local	Wild	Wild	Available	Available	Medicinal	Leaves	Digestion	Domestic Use	Locals

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide)
Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal

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-garden	Other uses (multi)	Associated TK	Other details	Community/ Know. Holder
				Past	Present					
Tree	Phulai	<i>Acacia modesta</i>	Wild	Abundant	Abundant	Wild	Timber			Locals
Tree	Simbal	<i>Bombax ceiba</i>	Wild		Rare	Wild	Timber			Locals
Tree	Fogwara	<i>Ficus palmata</i>	Wild			Wild	Timber			Locals
Tree	Dhaman	<i>Grevia optiva</i>	Wild			Wild	Timber			Locals
Tree	Kamila	<i>Mallotus philipensis</i>	Wild			Wild	Timber			Locals
Tree	Draink	<i>Melia azedarach</i>	Wild			Wild	Timber			Locals
Tree	Toot	<i>Morus alba</i>	Wild			Wild	Timber			Locals
Tree	Mango	<i>Mangifera indica</i>	Wild			Wild	Timber			Locals
Tree	Ber	<i>Ziziphus mauritiana</i>	Wild			Wild	Timber			Locals
Tree	Tali	<i>Dalbergia sisso</i>	Wild			Wild	Timber			Locals
Tree	Toon	<i>Toona ciliata</i>	Wild			Wild	Timber			Locals
Tree	Chir	<i>Pinus roxburghii</i>	Wild			Wild	Timber			Locals
Tree	Khair	<i>Acacia catechu</i>	Wild			Wild	Timber			Locals
Tree	Safeda	<i>Eucalyptus spp.</i>	Wild			Wild	Timber			Locals
Tree	Khirak	<i>Celtis australis</i>	Wild			Wild	Timber			Locals
Tree	Poplus	<i>Populus ciliata</i>	Wild			Wild	Timber			Locals

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Milking	Bhains	<i>Bubalus bubalis</i>	Local	Large Size	Stall fed	Abundant	Decreased	Milking		Rare	Milking	Local
Milking	Cow	<i>Bos taurus</i>	Local	Large Size	Stall fed	Abundant	Decreased	Milking		Replaced with HF variety	Milking	Local
Meat	Sheep	<i>Ovis aries</i>	Local	White Wool	Open Heard	Abundant	Abundant	Meat		Abundant	Meat	Local
Milking	Goat	<i>Capra aegagrus hircus</i>	Local	Heavy in weight	Open Heard	Abundant	Abundant	Milking		Abundant	Milking	Local
Protection	Dog	<i>Canis lupus familiaris</i>	Local	Medium size	Stall fed	Abundant	Abundant	Protection		Abundant	Protection	Local
Carriage	Mule	<i>Equus asinus</i>	Local	Medium size	Stall fed	Abundant	Rare	Carriage		Decreased	Load Carriage	Local
Carriage	Horse	<i>Equus caballus</i>	Local	Medium/largesize	Stall fed	Abundant	Rare	Carriage		Decreased	Load Carriage	Local
Ploughing	Ox	<i>Bos taurus</i>	Local	Medium/largesize	Stall fed	Abundant	Rare	Ploughing		Decreased	Ploughing	Local

Uses include milk, meat, skin, fur and etc

Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Herb	Santa	<i>Dodonaea viscosa</i>	Herb	Wild	Abundant	Declined	Own Use	Leaves	Soil binder	Hedge	Locals
Herb	Branker	<i>Adhatoda vasica</i>	Herb	Wild	Abundant	Declined	Own Use	Leaves		Cough syrup	Locals
Herb	Bhang	<i>Cannabis sativa</i>	Herb	Wild	Abundant	Abundant	Own Use	Leaves	Sedative		Locals
Herb	Datura	<i>Datura metel</i>	Herb	Wild	Abundant	Declined	Own Use	Fruit	Aesthetic value	Ritual	Locals
Shrubs	Akk	<i>Ipomea cornea</i>	Shrubs	Wild	Abundant	Declined	Own Use	Root	Live hedge	Soil binder	Locals
Herb	Anardana	<i>Punica granatum</i>	Herb	Wild	Abundant	Declined	Own Use	Fruit	Fruit	Fruit	Locals
Shrubs	Timbru	<i>Zanthoxylum armatum</i>	Shrubs	Wild	Abundant	Abundant	Own Use	Fruit		Appetite	Locals
Herb	Puthkanda	<i>Achillea millefolium</i>	Herb	Wild	Abundant	Declined	Own Use	Stem		Ritual	Locals
Shrubs	Giloe	<i>Tinospora cordifolia</i>	Shrubs	Wild	Abundant	Declined	Own Use	Stem	Stomach related problems treatment	Medicinal	Locals
Herb	Tulsi	<i>Ocimum sanctum</i>	Herb	Wild	Available	Available	Own Use	Leaves	Ritual and medicinal value	Medicinal	Locals

Tree	Khair	<i>Acacia catechu</i>	Tree	Wild	Available	Rare	Own Use	Stem	Timber	Construction Work	Locals
Tree	Toon	<i>Toona ciliata</i>	Tree	Wild	Available	Declined	Own Use	Stem	Timber	Construction Work	Locals
Tree	Kamla	<i>Mallotus philippensis</i>	Tree	Wild	Available	Rare	Own Use	Stem	Timber	Construction Work	Locals
Tree	Phulai	<i>Acacia modesta</i>	Tree	Wild	Abundant	Abundant	Own Use	Stem	Timber	Medicinal/ Timber	Locals
Tree	Draink	<i>Melia azedarach</i>	Tree	Wild	Abundant	Available	Own Use	Stem/ Leaves	Timber/ Medicinal		Locals
Tree	Toot	<i>Morus alba</i>	Wild	Wild	Abundant	Abundant	Timber	Stem	Timber	Construction Work	Locals
Tree	Tali	<i>Dalbergia sisso</i>	Tree	Wild	Abundant	Declined	Own Use	Stem	Timber	Construction Work	Locals
Tree	Simbal	<i>Bombax ceiba</i>	Tree	Wild	Abundant	Rare	Own Use	Stem	Timber	Construction Work	Locals
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Wild	Abundant	Abundant	Own Use	Stem	Timber/ Resin		Locals
Shrubs	Doab grass	<i>Cyanadon dactylon</i>	Shrubs	Wild	Abundant	Abundant	Own Use	Leaves	Fooder	Ritual	Locals
Herb	Jojra	<i>Pupalia lappacea</i>	Herb	Wild	Abundant	Available	Own Use	Leaves	Weed		Locals
Herb	Bana	<i>Vitex nigundo</i>	Herb	Wild	Available	Available	Own Use	Leaves	Aesthetic value	Ritual	Locals

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Phulai	<i>Acacia modesta</i>	Wild	Medicinal	Abundant
2	Simbal	<i>Bombax ceiba</i>	Wild	Economic	Declined
3	Fogwara	<i>Ficus palmata</i>	Wild	Edible fruit/ medicinal	Available
4	Dhaman	<i>Grevia optiva</i>	Wild	Fodder	Available
5	Kamila	<i>Mallotus philipensis</i>	Wild	Dye/ antioxidant	Available
6	Draink	<i>Melia azedarach</i>	Wild	Medicinal	Available
7	Toot	<i>Morus alba</i>	Wild	Edible fruit/ timber	Available
8	Mango	<i>Mangifera indica</i>	Wild	Edible fruit	Rare
9	Ber	<i>Ziziphus mauritiana</i>	Wild	Edible fruit/ timber	Fairly available
10	Tali	<i>Dalbergia sisso</i>	Wild	Timber	Available
11	Toon	<i>Toona ciliata</i>	Wild	Timber	Available
12	Reetha	<i>Sapindus mukorossi</i>	Wild	Timber	Rare
13	Jamun	<i>Syzigium cumini</i>	Wild	Food, medicinal	Available
14	Chir	<i>Pinus roxburghii</i>	Wild	Timber, resin	Abundant
15	Safeda	<i>Eucalyptus Spp.</i>	Wild	Cough, cold	Available
16	Plash	<i>Butea monosperma</i>	Wild	Cultural, religious value	Rare

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/ Know. Holder
					Past	Present				
Gold mahseer	<i>Tor putitora</i>	Indigenous fauna	Bony fish	Stream/ Lake			Edible			
Frog	<i>Sphearopheca breviceps</i>	Indigenous fauna	Frog	Stream/ Lake		Available				
Nai	<i>Glptotorax</i>	Indigenous fauna	Bony fish	Stream/ Lake		Available	Edible			
Snake	<i>Krait</i>	Indigenous fauna	Snake	Stream/ Lake		Available				
Water lilly	<i>Nelumba mucifera</i>	Indigenous fauna	Aquatic plant	Stream/ Lake		Available				
Water Popy	<i>Hydrocelys nymphoides</i>	Indigenous fauna	Aquatic plant	Stream/ Lake		Available				
Toad	<i>Duttaphrynus melanostictus</i>	Indigenous fauna	Toad	Stream/ Lake		Available				
Bull Frog	<i>Hoplobatrachus pigerinus</i>	Indigenous fauna	Frog	Pond		Available				
Snake	<i>Naja naja</i>	Indigenous fauna	Snake	Stream/ Lake		Available				
Water lettuce	<i>Pistia stratiotes</i>	Indigenous fauna	Aquatic plant	Stream/ Lake		Available				
Water hyacinth	<i>Eichhornia crassipes</i>	Indigenous fauna	Aquatic plant	Stream/ Lake		Available				

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Herb	Pudina	<i>Mentha arvensis</i>	Wild/ Indigenous	Wild	Available	Available		Stomach problems	Leaves	Domestic	Locals
Herb	Branker	<i>Adhatoda vasica</i>	Wild/ Indigenous	Wild	Available	Available		Pesticide/ medicinal	Leaves		
Shrub	Bhang	<i>Cannabis sativa</i>	Wild/ Indigenous	Wild	Available	Available		Sedative	Leaves		
Shrub	Anardana	<i>Punica granatum</i>	Wild/ Indigenous	Wild	Available	Available		Chutney	Fruit		
Shrub	Timbru	<i>Zanthoxylum armatum</i>	Wild/ Indigenous	Wild	Available	Available		Apetpe booster	Fruit		
Tree	Amla	<i>Emblica officinalis</i>	Wild/ Indigenous	Wild	Available	Available		Trifla	Fruit		
Tree	Bahera	<i>Terminalia bellirica</i>	Wild/ Indigenous	Wild	Available	Available		Trifla	Fruit		
Tree	Harad	<i>Terminalia chebula</i>	Wild	Wild	Available	Available		Trifla	Fruit		
Shrub	Thor	<i>Euphorbia royleana</i>	Wild	Wild	Available	Decline		Medicinal	Stem		
Shrub	Phulai	<i>Acacia modesta</i>	Wild	Wild	Available	Available		Used as tooth brsh	Branches		
Herb	Kainth	<i>Pyrus pashia</i>	Wild	Wild	Abundant	Decline		wild fruit	Fruit		
Herb	Datura	<i>Datura stromanium</i>	Wild	Wild	Abundant	Decline		Ritual value	Fruit		

Format 23: Wild relatives of Crop

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated Crop	Landscape/ Habitat	Local status		Associated TK	Uses (Usage)	Part used	Other Details	community/ knowledge Holder
				Past	Present					
Ber	<i>Ziziphus mauritiana</i>		Wild	Abundant	Decline	Cure cronic cough	Edible Fruit	Fruit	Domestic Use	Locals
Mango	<i>Mangifera indica</i>		Wild	Available	Rare	-	Edible Fruit	Fruit	Domestic Use	Locals
Wild Tobbaco	<i>Verbascum thapsus</i>		Wild	Abundant	Rare		Smoking	Whole Plant	Domestic Use	Locals
Wild Mushroom	<i>Agaricus bisporus</i>		Wild	Abundant	Rare		Vegetable	Whole Plant	Domestic Use	Locals
Wild Karela	<i>Cyclanthera pedata</i>		Wild	Abundant	Rare		Vegetable	Fruit	Domestic Use	Locals
Wild Grapes	<i>Vitis vinifera</i>		Wild	Abundant	Decline		Edible Fruit	Fruit	Domestic Use	Locals
Wild Isbagool	<i>Plantago major</i>		Wild	Abundant	Decline		Lexative	Flower	Domestic Use	Locals
Batangi	<i>Pyrus serotin</i>		Wild	Abundant	Decline		Edible Fruit	Fruit	Domestic Use	Locals
Wild Palak	<i>Ajuga reptans</i>		Wild	Abundant	Rare		Edible leaf	Leaf	Domestic Use	Locals
Spril Ginger	<i>Cheilocostus speciosus</i>		Wild	Abundant	Rare		Spices		Domestic Use	Locals

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)
Other details: Harvesting period /Perennial/annual/seasonal

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
Datura	<i>Datura metel</i>	Wild	Wild	Ornamental Medicine			Locals
Garden Violet	<i>Viola odorata</i>	Wild	Wild	Ornamental Medicine			Locals
Physicrat	<i>Jatropha curcas</i>	Wild	Wild	Ornamental Medicine			Locals
Shirayi Tree	<i>Woodfordia fruticosa</i>	Wild	Wild	Ornamental Medicine			Locals
Fern	<i>Adiantum pedatum</i>	Wild	Wild	Ornamental Medicine			Locals
Kamila	<i>Mallotus philippensis</i>	Wild	Wild	Ornamental Medicine			Locals
Spanish Needle	<i>Bidens pilosa</i>	Wild	Wild	Ornamental Medicine			Locals
Califirna leccerne	<i>Melilotus indicus</i>	Wild	Wild	Ornamental Medicine			Locals
Bye indigo	<i>Indigofera tinctoria</i>	Wild	Wild	Ornamental Medicine			Locals
Amaltas	<i>Cassia fistula</i>	Wild	Wild	Ornamental Medicine			Locals
Wild Strawberry	<i>Fragaria vesca</i>	Wild	Wild	Ornamental Medicine			Locals
Jhkhiya	<i>Cleome viscosa</i>	Wild	Wild	Ornamental Medicine			Locals
Yellow Fruit night	<i>Solanum virginianum</i>	Wild	Wild	Ornamental Medicine			Locals
Morning glory bush	<i>Ipomoea carnea</i>	Wild	Wild	Ornamental Medicine			Locals
Tellicherry back	<i>Holarrhena pubescens</i>	Wild	Wild	Ornamental Medicine			Locals
Oleander	<i>Nerium oleander</i>	Wild	Wild	Ornamental Medicine			Locals
Tigers Clen	<i>Martynia annua</i>	Wild	Wild	Ornamental Medicine			Locals

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local status		Associated TK	Uses (Usage)	Part used	Other Details (Mode of use)	Community /knowledge Holder
					Past	Present					
Shrubs	Nimbu	<i>Citrus limon</i>		Slopy/ Plain	Available	Rare					Locals
Herb	Puthkanda	<i>Achyranthes aspera</i>		Hilly	Abundant	Rare	-	-	-		Locals
Shrubs	Lemon Grass	<i>Cymbopogon citratus</i>		Plain	Abundant	Abundant					Locals
Herb	Payaz	<i>Allium cepa</i>		Plain	Abundant	Abundant					Locals
Herb	Thoom	<i>Allium sativum</i>		Plain	Abundant	Abundant					Locals
Herb	Adrak	<i>Zingiber officinale</i>		Plain	Available	Rare					Locals
Shrubs	Bhang	<i>Cannabis sativa</i>		Plain/ Hilly	Abundant	Abundant					Locals
Tree	Khair	<i>Acacia catechu</i>		Hilly	Available	Available					Locals
Tree	Simbloo	<i>Berberis lycium</i>		Hilly	Abundant	Rare					Locals
Shrubs	Branker	<i>Adhatoda vasa</i>		Hilly	Abundant	Available					Locals

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	Other Details	Community/ Knowledge Holder
			Past	Present				
Toon	<i>Toona ciliata</i>	Wild	Abundant	Declined	Timber	Cotton Fiber		Locals
Drek	<i>Melia azadirach</i>	Wild	Abundant	Declined	Medicinal	Timber		Locals
Toot	<i>Morus alba</i>	Wild	Abundant	Declined	Timber	Fruit		Locals
Tali	<i>Dalbergia sissoo</i>	Wild	Abundant	Declined	Timber	Timber		Locals
Safeda	<i>Eucalytus globalus</i>	Wild	Abundant	Rare	Edible Oil	Timber		Locals
Kamila	<i>Mallotus philipensis</i>	Wild	Abundant	Declined	Medicinal	Timber		Locals
Khair	<i>Acacia catechu</i>	Wild	Abundant	Rare	Medicinal	Timber		Locals
Fly	<i>Acacia modesta</i>	Wild	Abundant	Abundant	Medicinal	Timber		Locals
Simbal	<i>Bombax ceiba</i>	Wild	Abundant	Declined	Cotton Fiber	Timber		Locals
Khirak	<i>Celtis australis</i>	Wild	Abundant	Declined	Timber	Edible Seed		Locals
Chir	<i>Pinusroxburghii</i>	Wild	Abundant	Abundant	Resin	Timber		Locals and Bakerwals
Kambel	<i>Lenea coromendica</i>	Wild	Abundant	Available	Timber	Timber		Locals
Akhroot	<i>Juglans regia</i>	Wild	Abundant	Rare	Medicinal	Edible Fruit		Locals

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

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present					
Herbivore	Khargosh	<i>Lepus nigricollis</i>	Forest	Mammal	All Year	Abundant	Fairly available	Meat		Nil		Locals
Omnivore	Murga	<i>Gallus gallus domesticus</i>	Forest	Bird	All Year	Abundant	Abundant	Eggs		Nil		Locals
Herbivore	Titli	<i>Precis hierta arboreal</i>	Forest	Insect	All Year	Abundant	Abundant	Nector collector		Nil		Locals
Carnivora	Kaag	<i>Corvus splendens</i>	Forest	Bird	All Year	Abundant	Abundant	Bioremediation		Nil		Locals
Carnivora	Chamgadarh	<i>Pteropus gigantea</i>	Forest	Mammal	All Year	Abundant	Abundant	Pollination		Nil		Locals
Carnivora	Saamp	<i>Naja naja</i>	Forest	Reptile	June-Sept	Abundant	Rare			Nil		Locals
Omnivore	Bander	<i>Simiformes catarrhini</i>	Forest	Mammal	All Year	Abundant	Abundant			Nil		Locals
Carnivora	Mendak	<i>Rana tigrina</i>	Forest	Amphibian	June-Sept	Abundant	Abundant	Scavenger		Nil		Locals
Bird	Rock Pigion	<i>Columba livia</i>	Forest	Bird	All Year	Abundant	Abundant			Nil		Locals
Omnivore	Suar	<i>Sus scrofa</i>	Forest	Animal	All Year	Abundant	Abundant			Nil		Locals

Omnivore	Asiatic jackal	<i>Canis aureus</i>	Forest	Animal	All Year	Abundant	Abundant			Nil		Locals
Bird	House Sparrow	<i>Passer domesticus</i>	Forest	Bird	All Year	Abundant	Rare			Nil		Locals
Omnivore	Trida	<i>Poecilocerus pictus</i>	Forest	Insect	Oct-Nov	Abundant	Abundant	Pollination		Nil		Locals
Carnivora	Eil	<i>Aegyptus monachus arboreal</i>	Forest	Bird	Nov-Dec	Abundant	Declined	Scavenger		Nil		Locals
Omnivore	Gilhari	<i>Fanambulus</i>	Forest	Mammal	All Year	Abundant	Abundant			Nil		Locals
Carnivora	Leopard	<i>Panhera pardus</i>	Forest	Mammal	All Year	Abundant	Rare			Nil		Locals
Bird	Eurasian Eagle	<i>Bubo bubo</i>	Forest	Bird	All Year	Abundant	Rare			Nil		Locals
Bird	Owl White	<i>Amaurornis phoenicurus</i>	Forest	Bird	All Year	Abundant	Available			Nil		Locals
Omnivore	Moor	<i>Pavo cristatus</i>	Forest	Bird	All Year	Available	Available			Nil		Locals
Herbivore	Madhumakhi	<i>Apis dorsata</i>	Forest	Insect	All Year	Abundant	Available			Nil		Locals
Bird	Common mynah	<i>Acridotheres tristis</i>	Forest	Bird	All Year	Abundant	Available			Nil		Locals
Bird	Chir pheasant	<i>Catreus wallichii</i>	Forest	Bird	All Year	Abundant	Rare			Nil		Locals

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks
<i>End of Part II</i>		