

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti:-Lamberi Lower		
Taluk / Block:- Lambri		
District:Rajouri		
State:Jammu And Kashmir UT		
Geographical Area of the Panchayat Samiti: 900.0 HA		
Population under the Panchayat Samiti: Total 3310		
Male:1792	Female:1518	Total:3310
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 19-11-2020		
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: Vijay Kumar
Age: 43 Yrs
Gender:Male
Address: Lamberi Lower
Area of specialization: Sarpanch
2) Name: Darshan Kumar
Age: 51 Yrs
Gender: male
Address: Lamberi Lower
Area of specialization: Member
3)Name: Meenu Devi
Age: 51 Yrs
Gender: Female
Address: Lamberi Lower
Area of specialization: Member
4)Name: Abinav Sharma
Age: 40 Yrs
Gender: Male
Address: Lamberi Lower
Area of specialization: Member
5)Name: Rattan lal
Age: 59 Yrs
Gender: male
Address: Lamberi Lower
Area of specialization: Member
6)Name: Sippy Sharma
Age: 40 Yrs
Gender: Female
Address: Lamberi Lower
Area of specialization: Member
7)Name: Novel sharma
Age: 26 Yrs
Gender: Male
Address: Lamberi Lower
Area of specialization: Member
8)Name: Abdul Majid
Age: 60 Yrs
Gender: Male
Address: Lamberi Lower
Area of specialization: Member
9)Name: Mohni Devi
Age: 46 Yrs
Gender: Female
Address: Lamberi Lower
Area of specialization: Member
8)Name: Surjeet Kumar
Age: 40 Yrs
Gender: Male
Address: Lamberi Lower
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 : Smt. Virta Sharma W/o Sh . Raj Kumar
Age: 45 yrs
Gender: Female
Address: Lamberi
Area of specialization: Skin Burns
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use: Skin Burns
2) Name: Rita Rani /o Kasturi lal
Age:53
Gender: Female
Address: Lamberi near Christ Hogh School Lamberi
Area of specialization: Sprain of wrist or ankle treatment
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:Sprain of wrist or ankle treatment
3) Name: Tirath Ram S/o Late sh. Sardar Chand
Age:75
Gender:Male
Address: Ward No 7 lamberi Near Police Station Lamberi
Area of specialization: Small Child related problems
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:Small Child related problems

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: Lok Nath
Age: 70 Yrs
Gender: Male
Address: lamberi Lower
Area of specialization: Agriculture
2) Name of the Chairperson: Shakti Sharma S/o Tilak Raj
Age:35
Gender:Male
Address:Lamberi Ward No 6 Near Panchayat Ghar Lamberi
Area of specialization: Agriculture Mushroom Growing
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:	Naresh Kumar (Govt. Middle School Dhera)
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 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 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 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/ Temperate		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	
Banana	<i>Musa Acuminata</i>	Kela	Local	Farm Field	Avialable	Declined	Wild	July-Sep		Fruit	Marketing, own use	Locals

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	Oats	<i>Avena sativa</i>	Javi	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Suitable for fodder	Farmers
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 annuum</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>Grewia optiva</i>	Dhaman	Hilly/ Plain	Plenty	Fairly Available	Local	Fooder	Leaves	Suitable for fodder	Locals
8	Plant	<i>Pennisetum glaucum</i>	Bajra	Plain	Available	Available	Local	Fooder	Whole plant	Suitable for fodder	Locals

FORMAT-4 : WEEDS

S.No	Plant	Scientific Name	Local Name	Affected Crop	Impact	Land Scope / 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

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>Odentotermes 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 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

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

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
Herb	Pudina	<i>Mentha arvensis</i>	Local	Wild	Wild	Available	Available	Medicinal	Leaves	Digestion	Domestic Use	Locals
Shrub	Jungli Karela	<i>Cydanthera pedate</i>	Local	Wild	Wild	Available	Rare	Medicinal	Fruit	Diabities	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	Khair	<i>Acacia catechu</i>	Wild			Wild	Timber			Locals
Tree	Safeda	<i>Eucalyptus Spp.</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

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	Safeda	<i>Eucalyptus Spp.</i>	Wild	Cough, cold	Available

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>Glptorax</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				

Other details may include mode of catching fish, time of availability, breeding time, etc

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/ Indigeneous	Wild	Available	Available		Stomach problems	Leaves	Domestic	Locals
Herb	Branker	<i>Adhatoda vasica</i>	Wild/ Indigeneous	Wild	Available	Available		Pesticide/ medicinal	Leaves		
Shrub	Bhang	<i>Cannabis sativa</i>	Wild/ Indigeneous	Wild	Available	Available		Sedative	Leaves		
Shrub	Anardana	<i>Punica granatum</i>	Wild/ Indigeneous	Wild	Available	Available		Chutney	Fruit		
Shrub	Timbru	<i>Zanthoxylum armatum</i>	Wild/ Indigeneous	Wild	Available	Available		Apetpe booster	Fruit		
Tree	Amla	<i>Emblica officinalis</i>	Wild/ Indigeneous	Wild	Available	Available		Trifla	Fruit		
Shrub	Phulai	<i>Acacia modesta</i>	Wild	Wild	Available	Available		Used as tooth brsh	Branches		
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 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
Jhkhuya	<i>Cleome viscosa</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
Shrubs	Branker	<i>Adhatoda vasa</i>		Hilly	Abundant	Available					Locals

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

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>Poeciloceru pictus</i>	Forest	Insect	Oct-Nov	Abundant	Abundant	Pollination		Nil		Locals
Bird	Eurasian Eagle	<i>Bubo bubo</i>	Forest	Bird	All Year	Abundant	Rare			Nil		Locals
Bird	Owl White	<i>Amauornis 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>		