

## People Biodiversity Register (PBR): General Details

<b>Name of the Panchayat Samiti: ATTI</b>		
<b>Taluk:RAJOURI</b>		
<b>District:Rajouri</b>		
<b>State:Jammu And Kashmir</b>		
<b>Geographical Area of the Panchayat Samiti: 715.42</b>		
<b>Population under the Panchayat Samiti: Total 1706</b>		
<b>Male:863</b>	<b>Female:843</b>	<b>Total: 1706</b>
<b>Habitat and Topography:Hilly</b>		
<b>Climate (Rainfall, Temperature and weather patterns): Temperate</b>		
<b>Land Use (Nine fold classification available with village records)</b>		
<b>Date, Month and Year of PBR Preparation 2020-21</b>		
<b>Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)</b>		

## 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:Saima Kousser (Sarpanch)

Age: 30 Yrs

Gender: Female

Address: Atti

Area of specialization:

2) Name: Mohd Javed

Age: 27 yrs

Gender: Male

Address : Atti

Area of specialization:

3)Name: Ghulam Fatima

Age: 56yrs

Gender: Female

Address: Atti

Area of specialization:

4)Name: Mohd Sharief

Age: 60 yrs

Gender: Male

Address: Atti

Area of specialization:

5)Name: Nazir Hussain

Age: 50yrs

Gender: Male

Address: Atti

Area of specialization:

6)Name: Parveen Akhter

Age: 30yrs

Gender: Female

Address: Atti

Area of specialization:

7)Name: Zaheer Malik (Secretary)

Age:38 yrs

Gender: Male

Address: C/o BDO Rajouri

Area of specialization:

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## 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 :Mohd Qasim s/o Abdul R/o Atti

Age:60 yrs

Gender: Male

Address: Atti

Area of specialization: Farmer

Location from which the person accesses biological material: Locality available ( Bark) peepal

Perception of the practitioner on the resource status:good ( rich resource)

Medicinal Use: Relieve indigestion ( using pudina)

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:

### 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: Raiz Kateria

Age:: 36yrs

Gender: Male

Address: R/o Atti

Area of specialization: Hortioculture /Agriculture

2) Name of the Chairperson: Mohd Javed

Age: 32 yrs

Gender: Male

Address: R/o Atti

Area of specialization: Agriculture

3) Name of the Chairperson: Mohd Nissar

Age:45 yrs

Gender: Male

Address: R/o Atti

Area of specialization: vegetable cultivation



## Annexure 4

<b>Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR</b>
<b>1) Contact Person: Zaheer Malik (Secretary Panchayat)</b>
<b>Name and Address: Panchayat Atti</b>
<b>2) Contact Person:</b>
<b>Name and Address:</b>
<b>3) Contact Person:</b>
<b>Name and Address:</b>
<b>4) Contact Person:</b>
<b>Name and Address:</b>
<b>You may add names of more institutions/NGO/Individuals etc, if necessary</b>



### 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

End of Part I

### FORMAT-1: 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	Other Details	Source of seeds /Plants
							Past	Present						
1	Maize	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught and lodging	Kharif	Food /Fodder	Stapple food		Agri Dept.
2	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		Agri Dept.
3	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	oil for Food	Agri Dept.
a	Okra54	<i>Avenmoschus esculentus</i>	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	sub tropical		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local
b	Brinjal	<i>Solanum melongena</i>	Bangun	PPL,PPC, PH4, BR112	sub tropical		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local
c	Brottle Gourd	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	sub tropical		Normal	Normal	Green Veg	Rabi	Swollen stem and leaves are consumed as vegetable	Source of minerals & energy	-	Agri Dept/ Local
d	Cauliflower	<i>Brassica oleraceae</i>	Ful gobi	Pusa Snow Ball, Pusa Katki, Girja	sub tropical		Normal	Normal	-	Rabi	Curd used as vegetable	Also good source of protein,carbohy drate, phasphorus & iron	-	Agri Dept/ Local
e	Cabbage	<i>Brassica oleraceae var.capitata</i>	Band gobi	Golden Acre, Pride of India, Green Flesh	sub tropical		Normal	Normal	Round head green colour	Rabi	Head used as vegetable, salad	Also good source of protein,carbohy drate,phasphorus & iron	-	Agri Dept/ Local

f	Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa Rubi,Pusa Early Dwarf, Manisha Plus/ local	sub tropical		Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.	Used as Vegetable, Salad, Soup	Agri Dept/ Local
g	Onion	<i>Allium cepa</i>	Pyaj	Pusa Red, Nasik Red, N-53, Liberty	sub tropical		Normal	Normal	-	Rabi	Vegetable & Salad use	Good source of dietary fiber, Vitamin B6,C,Potashium and folic acid.	-	Agri Dept/ Local

### 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/Ow n 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.</i>	Angoor	Local Dakh, Perlette,	subtropical, Mi d hills	rare	rare	Nurseries	July-August		Fruit		
Aonla	<i>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	
Apple	<i>Malus x domestica Borkh.</i>	Sabe	Red Delcious, Golden Delocious, Maharaji, American etc.	Temperate	rare	plenty	Nurseries	Aug- Oct.		fruit, value addition	Marketing, 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</i>	Aaroo	July Elberta, Quetta	mid hill	rare	rare	Nurseries	June-July		Fruit	Marketing , own use	
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	local apricot, Bebco	Mid hills	plenty	plenty	Nurseries	June-July		Fruit	own use	
Walnut	<i>Juglans regia</i>	Akrote	Burzal, Kagzi, hard shelled	Temperate	plenty	plenty	Nurseries, locally raised	sept-Oct		Dry fruit	Marketing , own use	
Plum	<i>Prunus salicina</i>	Aaloo Bukhara	santa rosa, Allubukhara	Mid Hills	Rare	Rare	Nurseries, locally raised	July-August		fruit	Marketing , own use	
Persimmon	<i>Diospyrus kaki</i>	Amlook	Local	Mid hills /Temperate	rare	rare	locally raised	July-August		fruit	Marketing	
Papaya	<i>Carica papaya</i>	papita	local	subtropical	rare	rare	nurseires, locally raised	August- October		fruit	own use	
Banana	<i>Musa paradisiaca</i>	kela	local	subtropical	rare	rare	locally raised	June- August		Fruit	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	Oats	<i>Avena sativa</i>	Javi	sub tropical	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Suitable for fodder	Farmers
2	Sorghum	<i>Sorghum spp</i>	Charry/ Jawar	sub tropical	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	Farmers
3	Barseem	<i>Trifolium alexandrinum</i>	Shatala	sub tropical	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
4	Chilli	<i>Capsicum annum</i>	Mirch	sub tropical	Rare	Rare	Agri Dept /Local	Village Head	Dry fruit	Contains good amount of vitamin A&C	Farmers
5	Garlic	<i>Allium Sativum</i>	Thom	sub tropical	Rare	Rare	Agri Dept /Local	Medicinal value	Clove	Spice use	Farmers

**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	Community / Knowledge holder
							Past	Present					
1	Guli Danda	<i>Philaris minor</i>	Sitti	Wheat	Compete with crop	sub tropical	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local	Farmers
2	Parathenium	<i>Parthenium hysterophorus</i>	Congress grass	All crops	Allelopathy effect, reduce yield	sub tropical	Rare	Plenty	Nil	Chemical / Manual Control	Abnoxious weed difficult to manage	Exotic	Farmers
3	Bathua	<i>Chinopodium album</i>	Bathua	Wheat, Vegetables	Compete with main crops for space and nutrients	sub tropical	Plenty	Plenty	Leavy vegetable	Chemical Control	Rich Source of protein, Vit. A, Calcium, Phosphorous & potash	Used as green vegetable	Farmers
4	Wild Oats	<i>Avena spp</i>	Jungli Javi	Wheat	Compete with main crops for space and nutrients	sub tropical	Plenty	Plenty	Green Fodder for animal	Chemical / Manual Control	Source for High quality protein	Local	Farmers
5	Bhang	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Allelopathy effect, Compete with crops	sub tropical	Plenty	Plenty	psychoactive effects	Chemical / Manual Control	intoxicating causes dehydration, nausea and headache	Local	Farmers
6	Barnyard grass	<i>Achinocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	sub tropical	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	nil	Local	Farmers

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	Farmers
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### 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>Dicladisa armigera</i>	Kali Pundi	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
2	Rice	Stem Borer	<i>Scirepophaga incertulas</i>	Dhain ka Kida	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
3	Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
4	Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
5	Maize	Maize stem Borer	<i>Chilo partellus</i>	Sundi	sub tropical	July to sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants	Farmers
6	Maize/Wheat	Termite	<i>Odontotermes obesus</i>	Sink	sub tropical	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
7	Brijal/ Tomato	Fruit Borer	<i>Helicoverpa armigera</i>	Sundi	sub tropical	Kharif	Chemical control	-	Feed on crop leaves	Farmers
8	Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	sub tropical	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers

9	Miaze, Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	sub tropical	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
10	Maize,Wheat, Fruits, vegetable	Monkey	<i>Macaca mulatta</i>	Bander	sub tropical	Kharif/ Rabi	NA	-	Feed on Fruits and green vegetables, cobs	Farmers
11	Mustard	Aphid	<i>Lipaphis erysimi</i>	Aphid/ Tella	sub tropical	Dec-March	Chemical control	-	Nil	Farmers

**Format 6: Markets for Domesticated Animals**

1	2	3	4	5	6	7	8	9
Name of the markets & location	Weekly (D)/ Fornightly (D)/ Monthly (D)/ Biannual (M) Annual (M) {1}	Type of Animals brought and sold {2}	Types and average Number of animals transacted in a day	Place from which animals are brought	Place to which the animal animals are sold/transported	Name and location of fish market	Type of fishes solid	Source of fish
Gujjar Mandi Rajouri	All days	Sheeps, goats	Sheeps, goats(5-10)	Near by area	Gujjar Mandi Rajouri			







**Format 10 : Soil Type**

1	2	3	4	5	6	7	8
soil Type	Colour & texture	features	Soil Management	Plants/Crop suitable	flora and fauna	Associated Tk	Other Information
Sandy clay	rough fine	Less water retain, water retaining	Trains	Plants, tree crops	Banna, Banana, Nimbu, Jackal, deer etc.		

### Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
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						
	Peach	<i>Prunus persica</i>		Sub mountain	good	good	Agri-Dept					Farmers
	Pear	<i>Pyrus spp.</i>		Sub mountain	good	good	Agri-Dept					Farmers
	Apricot	<i>Prunus armeniaca</i>		Sub mountain	good	good	Agri-Dept					Farmers
	Ambla	<i>Phyllanthus embilica</i>		Sub mountain	good	good	Agri-Dept					Farmers
	Walnut	<i>Juglan regia</i>		Sub mountain	good	good	Agri-Dept					Farmers
	Amlook	<i>Diospyros</i>		Sub mountain	good	good	Agri-Dept					Farmers
	Guava	<i>Psidium gujava</i>		Sub mountain	good	good	Agri-Dept					Farmers
	Girgil	<i>Citrus pseudolimon</i>		Sub mountain	good	good	Agri-Dept					Farmers



	Nimbu	<i>Citrus aurantifolia</i>		Submountain	good	good	Agri-Dept					Farmers
	Banana	<i>Musa paradisiaca</i>		Submountain	good	good	Agri-Dept					Farmers
	Plum	<i>Prunus domestica</i>		Submountain	good	good	Agri-Dept					Farmers
	Orange	<i>Citrus sinensis</i>		Submountain	good	good	Agri-Dept					Farmers
	Timbru	<i>Zanthoxylam</i>		Submountain	good	good	Agri-Dept					Farmers
	Trimbal	<i>Ficus raremosa</i>		Sub mountain	good	good	Agri-Dept					Farmers
	Fagori	<i>Ficus palmata</i>		Sub mountain	good	good	Agri-Dept					Farmers

**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					
Tree	Timberu	<i>Zanthoxylum</i>		Forest	Natural			asthama				
Shrub	Simblu	<i>Berberis lycium</i>		forest	natural			anti-boitic	leaves, root			
Shurb	Bana	<i>Vitex negundo</i>		Forest	Natural			Joint treatment				
herb	Banafsha	<i>Viola odorata</i>		Forest	natural			Antiboitic	flower			
Tree	Amla	<i>Phyllanthus emblica</i>										
Herb	Gucchi	<i>Morchella esculenta</i>		Forest	Natural			Antiboitic	whole			
Tree	Tulsi	<i>Ocimum tenuiflorum</i>		Pot	Agri. Dept			Antiboitic	whole			

	Toon	<i>Toona eiliata</i>		Forest	Natural			BLOOD PURIFIER	Nark			
	Drake	<i>Melia adadiralh</i>		Forest	Natural			BLOOD PURIFIER	Twings			
	Kachnar	<i>Bauhinia variegata</i>		Forest	Natural			BLOOD PURIFIER				

**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	Harduli	<i>Rhododendron</i>		natural	Non.Com	flower			Farmer
Climbers	Pulwari	<i>Rosa asclloris</i>		natural	Non.Com	flower			Farmer
shrubs	Rose	<i>Rosa indica</i>		Cutting	Comm.	flower			Farmer
Tree	Chinar	<i>platanus orientals</i>		Agri.Dept	Comm.	Leaves			Farmer
Tree	safeda	<i>eucalyptus spp.</i>		Agri.Dept	Comm.	Timber			Farmer
Tree	Ambla	<i>Emblica officinalis</i>		Agri.Dept	Comm.	Fruit			Farmer
Tree	Peepal	<i>Fieus religiosa</i>		Agri.Dept	Comm.	Bark			Farmer

Tree	chir	<i>Pinus roxburghii</i>		Agri.Dept	Commercial	Timber			Farmer
Tree	walnut	<i>Juglans regia</i>		Agri.Dept	Commercial	Fruit			Farmer
	Binsa	<i>Bombaxalba</i>		Agri.Dept	Commercial	Wood			Farmer
	Populus	<i>Populus cilhata</i>		Agri.Dept	Commercial	Timber			Farmer
Tree	Peach	<i>Prunus</i>		Agri.Dept	Commercial	Fruits			Farmer

**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	Prsent					
Tree	Khirak	<i>Celtis australis</i>		Good	Good	Wild	fodder			Locals
Tree	Tooni	<i>Toona cilata</i>		Good	Poor	wild	fodder			Locals
	Safeda	<i>Eucalyptus milliodora</i>		Good	Good	wild	fodder			Locals
	Toot	<i>Morus alba</i>		Good	Good	wild	fodder			Locals
	Simbal	<i>Bombax celika</i>		Good	average	wild	fodder			Locals
	Banj oak	<i>Querus Lencotrichuphora</i>		Good	average	wild	fodder			Locals
	Drake	<i>Melia azadirach</i>		Good	Poor	wild	fodder			Locals

	Trimbal	<i>Ficus ramosa</i>		Good	Poor	wild	fodder			Locals
	Mannu	<i>Ulmus wallichiana</i>		Good	Poor	wild	fodder			Locals
	Papulas	<i>Populus ciliata</i>		Good	Good	wild	fodder			Locals

**Format 15: Domesticated Animals**

1	2	3	4	5	6	7		8	9	10	11	12
Animal Types	Local Name	scientific Name	Breed (local by Bird)	Features	Method of keeping	Local Status		Uses	Associated TK	Commercial rearing	Other detail including products and services	Community know holders
						Past	Present					
Small Ruminants	Sheep	<i>Ovis aries</i>	Cross Breed Bakarwali Kagani Beetal Poonchi	Polled ewes Horned Rams v-shaped Nose drooping ear sturdy excellent climbers	Conventional	sufficient	sufficient	Mutton chevon Milk Wool	Lohi Namda	No	Wool mutton chevon Milk skin Department provide necessary Medical coverage and sufficient system of rearing	Yes
	Goat	<i>Capra hircus</i>										
	Buffalo	<i>Buballis bubalis</i>			Conventional	good	good	Milk		yes		
	Cow	<i>Bos taurus</i>			Conventional	good	good	Milk		No		
	Horse	<i>Equus labalus</i>			Conventional	good	good	Riding		No		
	Dog	<i>Canis lupas</i>			Conventional	good	good	Protection		No		
	Cat	<i>Felis catus</i>			Conventional	good	good	To kill dog		No		
	Mule	<i>Asinus equuas</i>	X Horse		Conventional	good	good	Load carrier		yes		



	Rooster	<i>Gallus gallus</i>			Conventional	good	good	Meat		No		
	Jangli murgi	<i>Jangle fowl gallus</i>			Conventional	good	good					
	Donkey	<i>Equus asinus</i>	X mare	small size	Conventional	good	good	Load carrier		No		

### Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					

Note: Other details include mode of catching fish, time of availability, breeding time, feeds 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					
Tree	Chir	<i>Pinus roxburghii</i>		Forest	Good	Good	own use	Wood			Locals
	Kikar	<i>Vachellia indica</i>		Forest	Good	Good	own use				Locals
	Safeeda	<i>Populus spp.</i>		Forest	Good	Average	own use				Locals
	Harduli	<i>Rhododendron</i>		Forest	Good	Good	own use				Locals
	Bana	<i>Vitex negundo</i>		Forest	Good	Good	own use				Locals
Shurb	Phulwari	<i>Rosa ascularis</i>		Forest	Good	average	own use				Locals
	Simblu	<i>Berberies lycium</i>		Forest	Good	average	own use				Locals
Tree	Drake	<i>Melia azedarach</i>		Forest	Good	average	own use				Locals
Tree	Toot	<i>Morus alba</i>		Forest	Good	average	own use				Locals
Tree	Manu	<i>Ulmus walichana</i>		Forest	Good	average	own use				Locals
Tree	Binssa	<i>Salid alba</i>		Forest	Good	Good	own use				Locals
Tree	Hardulli	<i>Rhododendren</i>		Forest	Good	Good	own use				Locals
Tree	Banna	<i>Vitex negundo</i>		Forest	Good	Good	own use				Locals

Tree	Timbroo	<i>Zanthoxylum armatum</i>		Forest	Good	Good	own use				Locals
Tree	Khirak	<i>celtis australis</i>		Forest	Good	Good	own use				Locals
Tree	Dhamman	<i>Grewia tilifolia</i>		Forest	Good	Good	own use				Locals
Tree	Safeda	<i>Eucalyptus spp.</i>		Forest	Good	Good	own use				Locals
Tree	Kiker	<i>Vachilia spp.</i>		Forest	Good	Good	own use				Locals
Tree	Peepal	<i>Ficus religiosa</i>		Forest	Good	Good	own use				Locals
Tree	Gucchi	<i>Morchella esculenta</i>		Forest	Good	rare	own use				Locals
Tree	Akhrote	<i>Juglam regia</i>		Forest	Good	Good	own use				Locals

**Format 19: Wild Plant Species of Importance**

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Chir	<i>Pinus roxburghii</i>		Timber	good
2	Oak	<i>Quercus incana</i>		Timber	good
3	Drake	<i>Melia azedarach</i>		Timber	good
4	Mannu	<i>Ulmus walichiana</i>		Timber	good
5	Tooni	<i>Toona ciliata</i>		Timber	good
6	Kikar	<i>Accia nelotica</i>		wood	good
7	Bisa	<i>Salix alba</i>		wood	good
8	Safeeda	<i>Eucalptus spp.</i>		Timber	good
9	Toot	<i>Morus alba</i>		wood	good
10	Bana	<i>Vitex negundo</i>		wood	good
11	dhaman	<i>Grewia optiva</i>		fodder	good

12	Phagora	<i>Ficus palmata</i>		wood	good
13	Harduli	<i>Rhododendron</i>		Medicine	good
15	Phalwari	<i>Rosa aesculars</i>		Medicine	good
16	Simbaloo	<i>Berberies lycum</i>		Medicine	good
17	Banafsha	<i>Viola odorata</i>		Medicine	good
18	Kachnar	<i>Bauchinia variegata</i>		Vegetable/fodder	good
19	Timbroo	<i>Zanthoxylam armatum</i>		Chatni/pickle	good
20	Leucena	<i>Leuceinia spp.</i>		Anticanceros/fodder	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 Holder
					Past	Present				
chu	<i>Nasturtium officinale</i>			water bodies	Good	average				Locals
sual	<i>Volvox spp.</i>		Thelus	water	Good	Good				Locals
mint	<i>Mentha arvensis</i>		Aeromatic	shady	Good	Good	chatni			Locals
frog	<i>Rana tigrina</i>		Brown	water	Good	Good				Locals
crab	<i>Brachyura spp.</i>		Tentacles	water	Good	Good				Locals
Baeh	<i>Ecorus edamus</i>			water	Good	Good				Locals

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



**Format 21: Wild Aquatic Plant Species of Importance**

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
	Chu	Nasturtium		fodder/food	
		Nil-			
	Mint	Mentha		sauce/pickle/chitni	
	Sual	vobnox		Relieve burning	

**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	Gucchi	<i>Morchella esculenta</i>		Forest	Good	average			whole		Locals
Herb	Banafsha	<i>Viola odorata</i>		Forest	Good	average			flower		Locals
shrub	Simblu	<i>Berberis lycium</i>		Forest	Good	average			roots		Locals
Tree	Harduli	<i>Rhododendron spp.</i>		Forest	Good	average			flower		Locals
Tree	Bana	<i>Vitex negundo</i>		Forest	Good	average			leaves		Locals
	Timbru	<i>Zanthoxylam spp.</i>		Forest	Good	average			Fruit		Locals
	Amla	<i>Phyllanthus emblica</i>		Forest	Good	average			Fruit		Locals
	Tooni	<i>Toona ciliata</i>		Forest	Good	average			Bark		Locals
	Kachnar	<i>Bauhinia variegata</i>		Forest	Good	average			Flower		Locals
	Trimbal	<i>Ficus raremosa</i>		Forest	Good	average			Fruit		Locals
	Fagorhi	<i>Fieus palmata</i>		Forest	Good	average			fruit		Locals
	Simbloo	<i>Barberis spp.</i>		Forest	Good	average			Bark		Locals
	Banna	<i>Vitex negundo</i>		Forest	Good	average			Leaves		Locals
	Hardulli	<i>Rhododendron spp.</i>		Forest	Good	average			Flower		Locals
	Drake	<i>Melia azadirach</i>		Forest	Good	average			Bark		Locals

**Format 23: Wild relatives of Crops**

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
	Nil	Nil	Nil							
1)	wild pudna	Mentha	Hills	good	rare		Whole			Local
2)	wild adrak	Adrak	Hills	good	good		Whole			Local
3)	wild mash	Kurak dal	Hills	good	good					Local

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

### 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
Harduli	<i>Rhododendron spp.</i>		Forest	Non-commercial			Locals
Phulwari	<i>Rosa ascolaris</i>		Forest	Non-commercial			Locals
Rose	<i>Rosa indica</i>		Forest	Non-commercial			Locals
Bottle brush	<i>Callistemon</i>		Forest				Locals
Populus	<i>Populus ciliata</i>		Roadside	commercial			Locals
Anar	<i>Pomegranata</i>		Private	Own use			Locals
Amrood	<i>Psidium gujava</i>		Private	Own use			Locals
Silver oak	<i>Grevilia robusta</i>		Roadside	commercial			Locals
Ambla	<i>Emblica officinalis</i>		Garden	Own use			Locals
Orange	<i>Citrus sinensus</i>		Garden	Own use			Locals
Banna	<i>Musa paradisiaca</i>		forest				Locals
Safeda	<i>Eucalyptus milliodora</i>		Roadside	commercial			Locals

Simbal	<i>Bombax cliba</i>		forest				Locals
Apple	<i>Malus domestica</i>		Garden	Own use			Locals
Pear	<i>Pyrus spp.</i>		Garden	Own use			Locals
Loquat	<i>Eryobotrga spp.</i>		Garden	Own use			Locals
Plum	<i>Prunus domestica</i>		Garden	Own use			Locals
Akhrote	<i>Juglan regia</i>		Garden	Own use			Locals
Ber	<i>Ziziphus mauriatiana</i>		Private				



### Format 26: Timber Plants

1	2	3	4		5	6	7	8
local Name	Scientific Name	Habitat	Local status		other uses, if any	assoicated Tk	Other Details	Community/Knowledge Holder
			Past	Present				
Chir	<i>Pinus roxburghii</i>	Forest	Good	average				Locals
Safeeda	<i>Eucalyptus spp.</i>	Forest	Good	average				Locals
Tooni	<i>Toona ciliata</i>	Forest	Good	rare				Locals
Drake	<i>Melia azadirath</i>	Forest	Good	Good				Locals
Akhrot	<i>Juglans regia</i>	Forest	Good	Good				Locals
khirak	<i>Celtis australis</i>	Forest	Good	Good				Locals
Toot	<i>Molas alba</i>	Forest	Good	Good				Locals
Kiker	<i>Acacia nelotica</i>	Forest	Good	Good				Locals
Mango	<i>Mangifera indica</i>	Forest	Good	Good				Locals
Trimbal	<i>Ficus racemosa</i>	Forest	Good	Good				Locals
Mannu	<i>Ulmus wallichiena</i>	Forest	Good	rare				Locals
simbal	<i>Bomba cuba</i>	Forest	Good	rare				Locals
Banj oak	<i>Quercus lemotrichophora</i>	Forest	Good	Good				Locals







**Format 28: wild Animals ( Mammals, Birds, Reptiles, Amphibia, Insects, Others)**

1	2	3	4	5	6	7		8	9	10		12
Animal type	Local Name	Scientific Name	Habitat	Description	season when Seen	Local Status		uses	associated TK	Mode of Hunting , Collecting (if any)	Other Detail	Community know. Holder
						Past	present					
Mammals	Bear	<i>Ursidae spp.</i>	Forest		All season	good	Poor					
	Jackel	<i>Canis aureus</i>	Forest		All season	good	Good					
	Goat	<i>Capra aegagrus hircus</i>	Forest		All season	good	Good					
birds	fowl	<i>Gallus gallus</i>	Forest		All season	good	Good					
	eagle	<i>Haliaeetus leucocephalus</i>	Forest		All season	good	Good					
	Crow	<i>Carvus spp.</i>	Forest		All season	good	Good					
Reptiles	snake	<i>Serpentes spp.</i>	Forest		All season	good	Good					

	Lizard	<i>Lacertilia spp.</i>	Forest		All season	good	Good					
amphibia	Frog	<i>Anura spp.</i>	Forest		All season	good	Good					
Insects	hosefly	<i>Musca domestica</i>	Forest		All season	good	Good					
	honey bee	<i>Apis spp.</i>	Forest		All season	good	Good					
	Grass hopper	<i>Caelifera spp.</i>	Forest		All season	good	Good					

**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.)
	Phulwari	<i>Rosa ascularis</i>		forest		
	safeda	<i>Eucalyptus milliodora</i>		forest		
	Drake	<i>Meha adazirach</i>		forest		
	Akhrote	<i>Juglan regia</i>		forest		
	Toot	<i>Molis alba</i>		forest		
	Kiker	<i>Acaua nelotica</i>		forest		
	silver oak	<i>Grewellra robusta</i>		forest		
	Mango	<i>Mangifera indica</i>		forest		
	Trimbal	<i>Fieus raremosa</i>		forest		
	Fagorhi	<i>Ficus palmata</i>		forest		

	Simbal	<i>Bombax seiba</i>		forest		
	Tooni	<i>Toona ciliata</i>		forest		
	Kau	<i>Oleaus pirata</i>		forest		
	Taali	<i>Dalbergia sisso</i>		forest		
	Khirak	<i>Celtis australis</i>		forest		
	Timbroo	<i>Zanthoxylam spp.</i>		forest		

### 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.)
1	Geedarh	<i>Canis aurcus</i>	Mammals	wild	
2	Lomarhi	<i>Vulpes vulpes</i>	Mammals	wild	
3	crow	<i>Corvus raven</i>	Birds	wild	
4	buffalo	<i>Bulbus bulbus</i>	Mammals	Domestic	
5	cow	<i>Bos taurus</i>	Mammals	Domestic	
6	Dog	<i>Cams lupas</i>	Mammals	Domestic	
7	Jangle murgi	<i>Gallus brisson</i>	Birds	wild	
8	snakes	<i>Sarpentes spp.</i>	Reptiles	wild	
9	Leopard	<i>Panthera pardus</i>	Mammals	wild	

**Format 31: Any other information of local importance**

<b>1</b>	<b>2</b>	<b>3</b>
<b>Sr. No.</b>	<b>Information of local importance</b>	<b>Remarks</b>