Peoples' Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: CHACK BANOLA
Taluk/Tehsil: Mendhar
District:Poonch
State/UT: Jammu And Kashmir
Geographical Area of the pancahayt Samiti:
Population Of the Panchayat samitiTotal 171 Hectares
Male= 591 Female = 651
Habitat and Topography:
Climate (Rainfall, Temperature and other weather patterns): Sub-Tropical
Land Use (Nine fold classification available with village records):
Date, Month and Year of PBR preparation: 25-08-2020

Annexure 1
anagement Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body; not less than one third to be women
n: Akbar Hussain S/o Munshi Khan , 8803548716
panch
Khan S/o Sher Mohd.
nib Sarpanch (Committee Member)
Amjad Khan , ward no. 2
mmitteedf Member
D/o Mushtaq Ahmed Ward no. 1

nmitteedf Member
Fani S/o Mohd Hussaink , Ward No. 6 (ST)
nmitteedf Member
Nazir Hussain , Ward no 7
nmitteedf Member
Abdul Hamid , Ward No. 7, Secretary
nmitteedf Member

Annexure-2
List of Vaids, 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 Hussain S/o Ghulam Hussain
Age: 70 years
GENDER: Male
Address: Chack Banola
Area of specialization: Health care
Location from which the person accesses biological material: local/non local
Perception of the practitioner on the resource status:less local resources availble
Medicinal Use:

Annexure 3
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name : Mushtaq Ahmed S/o Mohd. Hussain , 9622324896
Age: 55 years
Gender: Male
Address: chack Banola
Area of specialization:Agriculture
2) Name : Mohd. Hanief S/o Mohd. Sher, 9797617782
Age:50
Gender: Male
Address: chack Banola
Area of specialization:
3) Name of the Chairperson: Salar Ahmed Khan S/o Ali Akbar Khan
Age: 48 years
Gender: Male
Address: chack Banola
Area of specialization: Forestry
4) Name of the Chairperson:
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: 8803548716
Name and Address: Akbar Hussain S/o Munshi Khan (Sarpanch)
2) Contact Person:
Name and Address:
3) Contact Person:
Name and Address:
4) Contact Person:
Name and Address:
You may add names of more institutions/NGO/Individuals etc, if necessary

	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							

	Format 1: Crop Plants														
1	2	3	4	5	6		7	8	9	10	11	12	13	14	
				Landscape	Approx. area		l Status		Cropping		Associated	Other	Source of	Community/	
Crop	Scientific Name	Local Name	Variety	/ Habitat	shown	Past	Present	Special features	season	Uses	TK	details	Seeds/Plants	Knowledge Holder	
	Oryza sativa					Local varieties		1.Non shattering character		1 .Major food item					
						Red Rice(Ranjh a)		2.Highly resistant to hailstorm							
Rice		Chawal	awal	Mid hills and hilly areas of district	3620 hac.	Chandak basmati	Improved varieties	3.Moderately resistant to blast	Kharif	2 .Feeding to poultry and cattle	Staple food	-	Farmers kept seed/Deptt. of Agriculture	Generally aged farmer or rural communities	
								4.Late in maturity and has short bold grains							
								5.High yielding variety							
					24000 hac				1.March to April sown		1. Major food item				
Maize	Zea Mays	612	Makh Bio-9621, K-6129, K-65, GG, star -9, 4794,DD, 7314	Hilly, Temperate &		Local	ocal Improved varieties	2.Local variety dentles Kha	Kharif	2. Feeding to poultry and cattle	Staple food	-	Farmers kept seed, Deptt. of	Generally aged farmer or rural communities	
	·			intermediate areas of district		varieties		3.Corn and flour		3 .Used as flour			Agri, Private seed dealer		
								sweet in taste		4. Straw used as dry fodder					
						Local varieties		1.HYV		Grains used as food					
W/l 4	T.:ti	Vanala Dana	HD -2967, HD	Hilly, Temperate &	15000 1		Improved	2. Resistant to pest	D-L:	2.Straw used as dry fodder	C41- f 1		Seed selected from previous	Local faming communities	
Wheat	Triticum astivum	Kanak- Rare	3086		15000 hac.	Moond	varieties	3. susceptible to all kind of rust	Rabi	3.Pre mature crop used as fodder	Staple food	-	yr. crop, deptt. of agri.		
								4. Drought resistant							
Garlic	Allium sativum	Thoom -	Yamuna Safed(G-1,G- 50 G-282)	Hilly, Temperate &	50 hac.	Local varieties	Improved varieties	1.Disease resistance variety 2. 5-8 cloves	Rabi	As a spice	-	-	Seed selected from previous	Local faming	

		Gen	rman White of distt.	variones	variones	3. Rich and spicy in flavour			yr. crop,	Communico	
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Format 2: Fruit Plants

1	2	3	4	5		6	7	8	9	10	11	12						
DI	C. * A*C N			Local Nama		T IN		Local Name	X7. *.4	Landscape /	Loca	l Status	Source of	Season of	Annalisa		Other details	Community /
Plant	Scientific Name	Local Name	Variety	Habitat	Past	Present	Seeds/Plants	Fruiting	Associated TK	Uses	market / own use	Knowledge holder						
	Pyrus pashia	Kainth																
	Pyrus americana	Hari																
	Pyrus Spp.	Nashpati/nakh																
	Prunus armeniaca	Khubani																
	Pyrus persica	Aadu																
	Prunus salicina	Plum																
	Taraxacum officinale	Dandelion																
	Pyrus communis	Bagugosha																
	Pidium guajava	Amrood																
	Citrus X sinensis	Santra																
	Citrus aurantifolia	Nimbu																
	Musa acuminata	Banana																
	Ficus carica	Fig																
	Ficus palmata	Fakwara																

Format 3: Fodder Crops / Species

1	2	3	4		5	6	7	8	9	10
Plant	Scientific	Local Name	Landsoons / Habitat	Local Status		Source of Plants / Seeds	Associated	Part	Other details	Community /
Fiant	Name		Landscape / Habitat	Past	Present	Source of Flants / Seeds	TK	Used	Other details	Knowledge holder
OATS	Avina Sativa	Khandiyaal	Hilly, Temperate & areas of district	Local varieties	Improved varieties	Seed selected from previous yr. crop, deptt. of agri	Grain for seed purpose, Green/ dry fodder	Nutritious and palatable fodder	Suitable for fodder	Farmer
SORGHUM	Sorghum bicolor	Chari	Hilly, Temperate & areas of district	Local varieties	Improved varieties	Seed selected from previous yr. crop, deptt. of agri	Green/ dry fodder	Nutritious & Source of enrgy	Suitable for fodder	Farmer
Grass	Trifolium alexandrinum	Shatala	Sub Tropical / Intermediate	ntermediate Rare		Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
Bajra	Pennisetum glaucum	Bajra	Grain & fodder	Plenty	Plenty	Agri Deptt. & seasonal store & shops	-	-	Grain & fodder	-
Guli Danda	Phalaris minor	Sitti	Wheat	Compete with crop for nutrients, water etc	Temperate/ Intermediate	Plenty	Plenty	Nil	Hand weeding & chemical control	Reduces crop yield

Format 4: Weeds

	_	_		_	_		_	_				
1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Affected	Impact	Landscape /	Lo	ocal Status	Uses if any	Management	Associated	Other details	Community / Knowledge
Tiant	Scientific (value	Local Ivalie	crop	Impact	Habitat	Past	Present	eses if any	options	TK	like exotic	holder
Bermuda Grass	Cynodon dactylon	Maize			Hilly, Temperate & intermediate ar. of distt	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers		Mannual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed
Zehar bael	Ipomea sp.	Maize			Hilly, Temperate & intermediate ar. of distt	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers		Mannual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed
Dheloo	Cyprus rotundus	Maize			Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers		Mannual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed
Ghass	Cyprus esculantus	Maize			Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers		Mannual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed
Bathua	Chenopodium album	Maize			Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers	Used as vegetable	Mannual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed
Wild oat	Avena fatua	Wheat			Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers		Mannual control/ Chemical mgmt. through herbicides	Source for high quality protein	Local	No TK associated with knowledge of weed
Pani Jardi	Echinicola crusgalli	Rice	2. Reduce natural diversity	Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers	-	Mannual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed	No TK associated with knowledge of weed

Dheloo	Cyprus rotundus	Rice	3. Reduce crop productivity	Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers	-	Mannual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed	
Bathua	Chenopodium album	Wheat	4. Cause human health problems such as respiratory, skin irritation	Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers	Used as vegetable	Mannual control/ Chemical mgmt. through herbicides	Rich source of protein vitamin A, calcium, Potassium & phosphorous	Local	No TK associated with knowledge of weed	
Wild oat	Avena fatua	Wheat		Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers	-	Mannual control/ Chemical mgmt. through herbicides	Source for high quality protein	Local	No TK associated with knowledge of weed	
Gully danda	Phalaris minor			Hilly, Temperate & intermediate ar of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers	-	Mannual control/ Chemical mgmt. through herbicides	Source for high quality protein	Local	No TK associated with knowledge of weed	
Jhadii	Parthenimum hysterophorous	All crops		Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers	-	Mannual control/ Chemical mgmt. through herbicides	Abnoxious weed difficult to control	Exotic	No TK associated with knowledge of weed	
Chingeri Sag	Vicia hirsua	All crops		Hilly, Temperate & intermediate ar of distt	No weed mgmt.	Weed mgmt. on followed by farmers	-	Mannual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed	
Jangali palak	Rumex crispus	All crops		Hilly, Temperate & intermediate ar of distt	No weed mgmt.	Weed mgmt. on followed by farmers	Used as vegetable	Mannual control/ Chem. mgmt. herbicides	nil	nil	No TK associated with knowledge of weed	
Dadali	Europhorbia Cognata											

Hathbis	Arisaena flavum						

Format 5: Pests of Crops

			_	1	1	<u> </u>			
1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
	Yellow Stem Borer	Sciropophagai		Paddy field	August to September	· Clipping of tip of seedlings before transplanting to eliminate egg masses.	nil	nil	Nil
	Tenew Stein Boter	Incertulas		Tuday field	ringust to september	Need base application of triazophos or quinaphos	m		1.11
RICE						· Closure spaces should be avoided			
	Brown Plant	Nilaparvata lugens		Paddy Field	August to September	· Alternate wetting and drying of padduy field	nil	nil	Nil
	Hopper	Triupur vaia tagens		raddy ricid	August to September	· Use of light traps	1111	1111	TVII
						· Chemical mgmt. through insecticide			
						· Closure spaces should be avoided			
	Green leafhopper	Nephotettis virescens		Paddy Field	August to September	· Avoid excessive use of nitrogenous fertilizers	nil	nil	Nil
						· Chemical mgmt. through insecticide			
	Rice Thrips	Stenchaetothrips biformis		Paddy Field	August to September	Dusting of carbaryl 5% or malathion 5% @ rs. 25 kg /hac	nil	nil	Nil
						· Trimming the bunds			
	Rice Grasshopper	Hieroglyphus banian	Tridhaa	Paddy Field	June to September	· Dusting of carbaryl 5% or malathion 5% @ rs. 25 kg /hac	nil	nil	Nil
	Stam Borar	Samia infavore		Wheat		· Need base application of triazophos or quinaphos	nil	nil	Nil
	Stem Borer	Samia inferens	I	Wheat	I	1 1	nil	nil	Nil

		~				· Installation of pheromone traps for monitoring			
WHEAT	Field Rats	Bendicota bangalensis, Torera indica,Millardia meltada		All fields	All season	· Traps and chemicals	nil	nil	Nil
	Cut worm	Agroris sp.	-	Maize	April to May	· Chemical mgmt. through insecticide (phorate)	nil	nil	Nil
						· Ploughing of filed after harvest and destroy stubbles & weeds			
MAIZE	Stem Borer	Chilo partellus	-	Maize	June to July	· Distruction of infected plant and removal of dead herts	nil	nil	Nil
						· Chemical mgmt. through insecticide			
						· Deep summer ploughing			
	Cob Worm	Helicoverpa armigera	-	Maize	June to July	· Installation of pheromone traps for monitoring	nil	nil	Nil
						· Chemical mgmt. through insecticide			
						· Avoid excessive use of nitrogenous fertilizers			
	Blister Beetel	Mylabris pustulata	Khundii	Maize	June to August	· Manual collection or collection with insect net and killing of adults in kerosenized water	nil	nil	Nil
						· Need based spray of carbaryl and fenthione			
						· Avoid late sowing & excessive use of nitrogen fertilizers			
MUSTRAD	Aphid	Lipasphis erisymi	-	Mustard	Mustard	· Crop should be sown before 20 th oct.	nil	nil	Nil
						Need base spray of dimethoate 30 EC or Methyl Demetone 25 EC			

		Format	6: Markets for Do	mesticated anima	als							
1	2	3	4	5	6	7	8	9				
Name of the market & location	hought and sold Number of animals location of tish VI Nource of tish											
Nil												

				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
Agriculture										
Labour										
Self-employed										

Format-8 Landscape

	1		2	3	4	5	6	7	8	9	10	11	12
Ma	ajor Landscapes		Sub -	Feature s and					Management	General	Associated		Community
Agricultural land	Pond	Fallow land	Landscapes	approx. area	Ownership	General flora	General fauna	User groups	practices	uses	TK	Other details	accessed
Cultivated Land	Not Applicable	Not Applicable	Cultivated Land	Not available	Agricultural Land are Privately owned	Fodder and Crop Plants	Insects,Snakes, Dogs,Fox,Jackels , Mangoose etc	Nil	Nil	Nil		Nil	Low-Income community
Non-Cultivated Land	Not Applicable	Not Applicable	Non-Cultivated Land	Not available	Govt./Private	Wild plants and Fodder Plants	Insects,Snakes, Dogs, Fox, Jackels , Hawk etc	Nil	Nil	Nil		Nil	Low-Income community
Forest Land	Not Applicable	Not Applicable	Forest Land	Not available	Government	Wild plants	Wild animals, wild Chicken, fox, Jackel, Insects, Eagle etc	Nil	Nil	Nil		Nil	Low-Income community

	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	
	Nallas	Originates from the foothills of Mountains	Govt. and Panchayat	Frog- Common,Tadpoles, Fishes- Rare,Water, Water Snakes, Crabs- Near the nallahs etc	Wild and Aquatic Plants	Irrigation	Farmers		For Irrigation and Drinking of Domesticated animals and Wild Animals	Nil	Nil	Local Villagers	

Format-10 Soil Type

1	2	3	4	5	6	7	8
Soil Type	Color & texture	Features	Soil Management	Plants / Crop Suitable	Flora and Fauna	Associate TK	Other Information
Sandy and clay soil	Clayey loam, sandy loam,	Fine Granular, Dub-Angular Blocky Structure having pH 7.8-8.3, Water Holding capacity more than 40%	Use of Organic matter	Maize, Wheat & Rice	Kiker , Besa, Mannu, Snake, Lizard, Jackals	-	-
Metamorhphic							
Sandy + Loamy soil							
Mountaneous Soil							
Unconsolidated material							

Format 11: Fruit Trees

	ı									1		
1	2	3	4	6		7	8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Local	Status	Source of	Season of	Uses (usage)	Associated TK	Other details market/own	Community/
Frant Type	Local Name	Scientific Name	variety	Habitat	Past	Present	plant/seeds	Fruiting	Oses (usage)	Associated 1K	use	Know. holder
Apple	Seb	Malus domestica	Red delicious	Low land velley	Available	Rare	Local preserve	Jun-July	Rich source of iron & fibre	Rich source of iron & fibre	Own use/ commercial	Knowledge holder
Apricot	Khobani	Prunus armenica	Beboco char magaz	Low land velley	Available	Rare	Local preserve	March April	Rich source of iron & fibre	Rich source of iron & fibre	Own use/ commercial	Community
Plum	Lucha	Prunus subg prunus	Local	Low land velley	Available	Available	Local preserve	April May	Rich source of iron & fibre	Rich source of iron & fibre	Own use/ commercial	Farmers/ Community
Peach	Aru	Prunus percia	Local	Low land velley	Available	Available	Local preserve	April May	Rich source of iron & fibre	Rich source of iron & fibre	Own use/ commercial	Farmers/ Knowledgeholder
Pear	Bagu Gosha	Pyrus spp.	Local	Low land velley	Available	Available	Local preserve	Jun July	Rich source of Vit.	Rich source of Vit. C	Own use/ commercial	Community
Lime	Nimbu	Citrus aurantifolia	Kagzi	Low land velley	Available	Abundant	Seeds/Plant	Nov-Dec	Rich source of Vit.	Rich source of Vit. C	-	Knowledge holder
Guava	Psidium guajava	Amrood	Local, L49 etc.	Low land velley	Plains, Lower Hills	Not available	Not available	Nurseries	Rich source of iron & fibre	Rich source of iron & fibre	Own use/ commercial	Marketing, Own Use
Wall nut	Akhroot	Junglans regia	kagazi	Low land velley	Available	Available	Natural	Sept. Oct	Rich in oil mineral & vit.	Rich in oil mineral & vit.	Own use/ commercial	Farmers

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

1	2	3	4	5	6	7	7	8	9	10	11	12
				Landscape/	Source of	Local	status				Other details	Community/
Plant Type	Local Name	Scientific Name	Variety	Habitat	plant/seeds	Past	Present	Uses (usage)	Part used	Associated TK	market/own use	Know. Holders
Shrubs	Trimuru	Zanthoxylum aurmatum	Wild	Hilly	Seed	Abundant	Abundant	Good for Cleaning Teeths.	Stem / Seed	N.A	N.A	Generally, held by community
Shrubs	Anardana	Punica granatum	Wild	Hilly	Seed	Rare	Rare	Edible	Fruit	N.A	N.A	Generally, held by community
Shrubs	Bhang	Canabis sativia	Wild	Hilly	Seed	Abundant	Abundant	Medicinal use	Leaves	N.A	N.A	Generally, held by community
Trees	Bair	Ziziphus xylocarpa	Wild	Lower shiwalik	Seed	Rare	Rare	Medicinal Use	Fruit / Leaves	N.A	N.A	Generally, held by community

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder
Shrub	Gulab	Rosa indica	Local	Cutting	Commercial				
	China rose	Hibiscus rosa-sinensis	Local	Natural	Non-commercial				
	Bogan Bael	B.SP hybrids							
	Sabazpat								
Shrubs	Aakhe	Rubus ellipticus							
	Haldi	Curcuma Longa							

				Format-1	4 Timber l	Plants/Trees				
1	2	3	4	5	5	6	7	8	9	10
Plant Type	Local Name	Sajantifia Nama	Habitat	Local	status	Wild/ home-	Other	Associated TK	Other details	Community/
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	garden	uses (multi)	Associated 1 K	Other details	Know. holder
Trees	Chir	Pinus roxburghii	Sub-tropical	Rare	Rare	Wild	Roofing, furniture etc.	nil	nil	
Trees	Oak	Quercus incana	Sub-tropical	Rare	Rare	Wild	Roofing, furniture etc.	nil	nil	

Format 15: Domesticated Animals

	I			Ī	I	ı		ı				
1	2	3	4	5	6	,	7	8	9	10	11	12
			Breed (local/			Lo sta				Commercial	Other details including	Community
Animal Type	Local Name	Scientific Name	hybrid)	Features	Method of keeping	Past	Present	Uses	Associated TK	rearing	products and services	Know. Holders
	Ghan	Bos indicus	Local	Low yield	Backyard	Abdundant	Decreased	Dairy	Nil	No	Milk	All
Cattle	Jersey Ghan	Bos iaurus	CB Jersey	Dished Face	Backyard/Commrcial	Very few	Increased	Dairy	Nil	Yes	Milk	All
	Austrilian Ghan	Bos taurus	СВ НГ	Black & White spotted	Backyard/Commrcial	Very few	Increased	Dairy	Nil	Yes	Milk	All
D CC I	Manj	Bubales bubalis	Local	Low yield	Backyard	Abdundant	Abdundant	Dairy	Nil	No	Milk	Gujjar Community
Buffalo	Punjabi Mais	Bubales bubalis	Murrah	Black coloured Body	Backyard	Very few	Increased	Dairy	Nil	Yes	Milk	All
Horse	Ghora	Equus caballus	Local	Red cloured Body	Backyard	Abdundant	Decreased	Pack Purpose	Nil	No	Pack	Bakerwal
Poultry	Kukarr	Galus domesticus	Local	Enriched Meat Flavour	Backyard	Abdundant	Decreased	Egg and Meat	Nil	No	Egg and Meat	All
Poultry	Farmi Kukarr	Galus domesticus	Chabro	Good Egger	Backyard	Very few	Increased	Egg and Meat	Nil	No	Egg and Meat	All
	Kutta	Canis familaris	Local	Nil	Stray	Abdundant	Abdundant	Nil	Nil	No	No	Stray
Dog	Bakervali Kutta	Canis familaris	Bakervali	Brown Black colour	Household	Abdundant	Rare	Companion	Nil	No	No	Bakerwal

		Cat	Billi	Felis catus	Local	Grey colour	Pet	Abdundant	Abdundant	Pet	Nil	Nil	Nil	Nil
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				I	Format 16: Cu	lture Fishe	ries					
1	2	3	4	5	6	,	7	8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/tala	Local	status	Uses	Associated TK	Commercial	Other details	Community Know.
Tish Type	Botal Tallie	Scientific I (ame	v ar recy	Teutures	0)	Past	Present	- Cses	11330Ciated 111	rearing	other details	Holders
Exotic Carps	Silver Carp	Hypothalmichthys moltrix										
Exotic Carps	Common Carp	Cyprinus carpio										

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

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

1	2	3	4	5		6	7	8	9	10	11
Dlant Type	Local Name	Scientific Name	Habit	Habitat	Local	status	Commercial /	Part collected	Associated TK	Other details	Community Knowledge
Plant Type	Local Name	Scientific Name	Habit	нарцац	Past	Present	own use	Part conected	Associated 1 K	Other details	Holder
Trees	Bair	Ziziphus xylocarpa	Trees	Sub-Tropical	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Dhaman	Grewia optiva	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Stem/Bark	nil	nil	Generally, held by community
Trees	Drankh	Melia azedarach	Trees	Sub-Tropical	Abundant	Rare	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Fagwara	Ficus palmata	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Guvava	Psidium Guajava	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Fruit	posses medicinal properties	nil	Generally, held by community
Trees	Kanthe	Pyrus paschia	Trees	Sub-Tropical	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Kiker	Acacia Nilotica	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Trees	Safeda	Eucalyptus spp.	Trees	Sub-Tropical	Rare	Abundant	own	Stem	nil	nil	Generally, held by community
Trees	Tooth	Morus alba	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community

Trees	Popular	Populus ciliata	Trees	Lower shiwalik	Abundant	Abundant	own	Leaves/Stem	nil	nil	Generally, held by community
Shurbs	Trimuru	Zantho Xylum Aurmatum	Shurbs	Sub-Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Shrubs	Anardana	Punica granatum	Shrubs	Sub-Tropical area	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Shurbs	brankad	Adha toda vesica	Shurbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community
Shrubs	Akk	Ipomea fistulosa	Shrubs	Lower shiwalik	Abundance	Abundance	own		nil	nil	Generally, held by community
Shrubs	Thor/Shuu	Euphorbia royleana	Shrubs	Lower shiwalik	Rare	Rare	own	Stem	nil	nil	Generally, held by community
Shurbs	Bhang	Canabis sativia	Shurbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Jungli putna	Mentha arvensis	Herbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Banfsha	Viola odorata	Herbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community
Grass	Drub/Khabbal	Cyanodon dactylon	Grass	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Grass	Kai/Kaana	Saccharum spontaneum	Grass	Sub-Tropical			own	Stem	nil	nil	Generally, held by community

		Format-19 Wild Pl	ant Species of Ir	nportance	
1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Akhroot	Juglans regia	Wild	Economic, social	
2	Bhang	Cannabis sativa	Wild	Economic, social	
3	Wild anaar	Punica granatum	Wild	Economic, social	

			Format	-20 Aquatic	Biodiversit	y				
1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Local	status	Uses	Associated TK	Other Detail	Community/
Local Name	Scientific Name	variety	reacures	Парісас	Past	Present	USES	Associated TK	other betain	knowledge Holders
Luss	Schizothorax spp.		elongated subcylindrical body with short blunt upper jaw , herbovorous		Rare	Common				
Sona Machhli	Barillius sp.	Local	omnivorous body very long and much compressed sides irregularly marked with numerous incomplete oblique spots		Common	Rare				

Format-21 Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Cho	Nasturtium officinale	Local	Medical purpose	Common
2	Sawal	genus Spirogyra	Local		Common

Format-22 Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb,				Landscape /	Local Status					Other details	Community/
Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Past Present		Associated TK	Uses (usage)	Part used	market/ own use	Knowledge Holder
Shrub	Simlu	Berberis lyceum						It is an excellent tonic for combating ability after malarial & other fevers & diseases	Fruit, roots		
Herb	Banafsha	Viola						Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower		
	Grachha	Rubus ellipticus						Its fruit is used for health care			
	Draink	Melia azedarach						Seeds are used after boiling as soap			
	Mannu	Ulmus walichaina									
	Kareel Kaimbul	Berberis aristata						Roots bark is used for fever cure			
Bush	Gerna	Carissa carandas									
Herb	Methi	Trigonella foenum-graecum									
	Garanda	Punica granatum									
	Tarnarri							Flowers are used for perfume			

	Format-23 Wild Relatives of Crops									
1	1 2 3 4 5 6 7 8 9 1							10		
Local	Local Scientific	Associated crop	Landscape /	Local	Status	Uses	Part	Associated	Other details	Community / Know
Name	Name	rissociated crop	Habitat	Past	Present	(usage)	Used	TK	other detains	holder
Putna	Mentha arvensis	Jungli putna	Along the Nalla's	Rare	Rare	Medicinal use	Laef	Medicinal Properties		Generally, held by community
Ban khor	Aesculas indica	Akhrot	Scattered	Available	Available		Fruit / leaves			

	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		
Gandera	Nerium oleander			Near the nalla's & Khyals	Non-Commercial	N.A	N.A		

Format-25 Fumigate/Chewing Plants

1				1			1				
1	2	3	4	5	•	6	7	8	9	10	11
Plant (Herb,	Local	Scientific	Variety	Habitat	Local	Status	Uses	Part used	Associated	Other details	Community
Shrub, Tree)	Name	Name	variety	Habitat	Past	Present	(usage)	rart useu	TK	(mode of use)	knowledge holder
Shrub	Trimuru	Zanthoxylum	Wild	Forest	Rare	Rare	use for teeth Cleaning/	Fruit, Branches	_	-	Generally, held by
Silido	minutu	aurmatum		Torest	Ruic	Naic	Medicinal Purpose	Truit, Branches			community
Shrub	brankad	Adha toda vesica	Wild	Locally present	Rare	Rare	Medicinal purpose	Flower	-	-	Generally, held by community
Shrub	Bana	Vitex negundo	Wild	Locally present	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community
Tree	Kiker	Acacia Nilotica	Wild	Forest	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community

	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/	
Locai Name	Scientific Name	Парна	Past	Present	Other Uses, if any	Associated 1K	Other Details	Knowledge Holder	
Chir	Pinus roxburghii		Rare	Rare	Roofing, furniture etc.	Whole for different uses	Timber + Fuel		
Rein	Quercus incana		Moderate	Moderate	Roofing, furniture etc.	Whole for different uses	Timber + Fuel		
Garanda	Punica granatum								
Kahu	Olea cuspidata Wallich ex G. Don								

	Format-27 A. Coastal and Marine Flora									
1	2	3	4	į	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local Status I		Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/
ridite Type	Local Hame	Scientific Nume	Habitat	Past	Present	(if any)	(if any)	other oses	ASSOCIATED TIX	Knowledge Holder

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

Format - 28. Wild Animals (Mammals, Birds, Reptiles, Amphibians, Insects, others)

1	2	3	4	5	6	,	7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when	Local	Status	Uses (if any)	Associated	Mode of Hunting,	Other details	Community/ Knowledge
Animai Type	Local Name	Scientific Name	Habitat	Description	seen	Past	Present	Uses (II any)	TK	collecting (if any)	Other details	Holder
Bird	House crow	Corvus splendens				Available	Available		Prohibited		Maintains forest ecosystem	
Bird	Koel	Eudynamys scolopaceas				Available	Available		Prohibited		Maintains forest ecosystem	
Bird	Himaliyan Black bear	Ursus thibetanus	Forest									
Mammal	Porcupine/ Shale	Hystrix indica										
Mammal	Leopard	Panther pardus										
Mammal	Jackal	Canis aureus										
Mammal	Pig	Sus scrofa										
Mammals	Jackal	Canisaureus	Forest									
	wild cock	Jungle fowl										
Birds	Black Partridge	Francolinus francolinus	Forest									
	Dove	Columbidae										
	Egrit	Ardea alba										
	Nightingale	Luscinia megarhynchos										
Birds	Common Hawk Cuckoo	Cuculus varius	Forest									

	Grey wolf	Canis lupus						
	Squirrel	Sciuridae						
Mammals	Mangoose	Herpstersaurpunctatus	Forest					
Ambhibian	Toad/Dadu	Buffmelanostictus	Pond/Land					
	Lizards	Lacertilia						
	Russell Viper	Daboia russelii						
	Cockroach	Blattodea						
	Mosquito	Culix sp.						
	Lady bird	Coccinella sp.						
	parrot	Psittaciformes						
	Vulture	Gyps indicus						

	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.)				
Trees	Kainath	Pyrus Pashia								
Trees		Zizyphus mauritiana								
Trees	Apricot	Prunus armeniaca								
Trees	Feku	Ficus Palmata								
Trees	Tooth	Morus alba								
Trees	Braari	Ulmus wallichiana								
Trees	Willow	Salix alba								
Trees	Chinar	Platanus orientalis								
Trees	Simbal	Bombax ceiba								
Trees	Hari	Pyrus americana								
Trees	Kainth	Pyrus paschia								
Trees	Wild Khubani	Prunus armeniaca								

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	Jackal	Canis aureus	Mammals	Forest	Common
2	Mangoose	Herpstersaurpunctatus	Mammals	Forest	Common
3	House Crow	Corvous splendens	Birds	Forest	Common
4	Manj	Bubalus bubalis	Mammals	Forest	Common
5	Cat	Felis cactus	Mammals	Forest	Common
6	Pig	Sus scrofa	Mammals	Forest	Common
7	Egrit	Bubulcus Ibis	Birds	Tree	Common
8	Mountain Hawk Eagle	Nisaetus nipalensis	Birds		Common
9	Snake	Serpentes	Reptiles		
10	Lizards	Lacertilia	Reptiles		
11	Oxen	Bos	Mammals		
12	cow	bos taurus	Mammals		
13	Sheep	Ovis aries	Mammals		
14	Goat	Capra Aegagrus	Mammals		

15	Cock	Gallus gallus domesticus	Birds	
16	Eagle	Haliaeetus leucocephalus	Birds	
17	Dove	Columbidae	Birds	
18	House Sparrow	Passer domesticus	Birds	

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