

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samity: Bathodi

Tehsil: Mahanpur, Taluk: Baggan, District: Kathua State: J&K (ut)

Geographical Area of the Panchayat Samity:

Population under the Panchayat Samity: Total 1997

Male :- 1050

Female :-947

Habitat and Topography:

Date, Month and Year of PBR Preparation : 15-10-2020

Climate (Rainfall, Temperature and other weather patterns) Land Use (Nine fold classification available with village records) Date, Month and Year of PBR preparation

Management Regime: Reserve Forests (RF) / Joint Forest Management (JFM) / Protected Areas (PA) / Community Owned and Managed Forests (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: Vandana Devi W/O OM Parkash Age:35
Gender: Female
Dhar Dugnoo Lower Distt Kathua

Address: VPO
Area of specialization:

2) Name: Smt. Gharo Devi W/o Madhu Paul Age: 35
Gender: Female
Dugnoo Lower Distt Kathua
Area of specialization:

Address: VPO

3) Name: Mast Ram Age:62
Gender: Male
Address: VPO Dhar Dugnoo Lower Distt Kathua
specialization:

Area of

5) Name: Jagdish Raj Age 45
Gender: Male
Address: VPO Dhar Dugnoo Lower Distt Kathua
specialization:

Area of

6) .Name :- Manhor Lal
Age : - 38
Gender : Male
Address: VPO Dhar Dugnoo Lower Distt Kathua
specialization :-

Area of

7) Name:- Rahul Gupta (VLW) Age:28
Gender: Male
Address: VPO Hottar Distt Kathua
specialization:

Area of

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: Ashok Kumar S/o Mala Ram

Age: 35 years

Gender: Male

Address: Salli
Specialization: Bone Specialist

Area of

Location from which the person accesses biological material: Perception of the practitioner on the resource status: Medicinal use:

Kishanpur

2) Name: Hans Raj S/o Kesru Age:46

Gender: Male

Address: VPO Baggan Lower Distt Kathua

Area of Specialization: Bone Specialist

4

3) Name: Prem Chand S/o Massu Ram Age:46

Gender: Batnoo Lower Dhar Dugnoo

Address: VPO Baggan Lower Distt Kathua

Area of Specialization:

4

Location from which the person accesses biological material: Perception of the practitioner on the resource status: Medicinal use: Kishanpur

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry

1) Name : Kuldeep Kumar Sharma

Age:

Gender:Male

Address:Dar Dugnoo (Lower)

Area of specialization:Agriculture

2) Name :Mast Ram

Age:69

Gender:Male

Address:Dar Dugnoo (Lower)

Area of specialization:Forestry

3) Name of the Chairperson:Ganesh Dutt

Age:45

Gender:Male

Address: Dar Dugnoo

Area of specialization:Agriculture

4) Name of the Chairperson:Sham Lal

Age:53

Gender:Male

Address: Baggan Dhar Dugnoo

Area of specialization:Agriculture

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:

2) Contact Person

Name and Address:

3) Contact Person

Name andAddress:

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

End of Part I

PartII
Formats
AGROBIODIVERSITY

PBR-

Format1:CropPlants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	LocalName	Variety	Landscape	Approx.area shown	LocalStatus		Specialfeatures	Cropping season	Uses	Associated T K	Other details	SourceofSeeds/Plants	Community/ Knowledge Holder
				/Habitat		Past	Present							
Maize	<i>Zea mays</i>	Mak/kukri	RMH9794	tropical/sub-tropical. Soil-siltytohumusc lay	265.35 hactre	plenty	plenty	highyeilding variety	May-October	Food Fodder Roofing Fuel			local/ agriculture deptt.	
Wheat	<i>Triticumaestivum</i>	kanak	HD2967	tropical/sub-tropical.Soil-siltytohumusc lay	16.9hactre	rare	rare	highyeilding variety	nov-may	FoodFo dderRo ofingFu el			local/ agriculture deptt.	
Kohlrabi	<i>Brassica oleracea</i>	kadam	purple vienna	tropical/sub-tropicalcold/mo sit.Soil-siltytohumuscla y	16.9hactre	rare	rare	highyeilding variety	summercrop	FoodF odder			local/ agriculture deptt.	
Dhan	<i>Oryza sativa</i>					Plenty	Plenty						local/ agriculture deptt.	
Jao	<i>Hordeum vulgare</i>					Plenty	Plenty						local/ agriculture deptt.	
Kodra	<i>Paspalum scrobiculatum</i>					Plenty	Plenty						local/ agriculture deptt.	
Dal Chana	<i>Cicer arietinum</i>					Plenty	Plenty						local/ agriculture deptt.	

Kulth	<i>Macrotyloma uniflorum</i>					Plenty	Plenty						local/ agriculture deptt.	
Ponthay						Plenty	Plenty						local/ agriculture deptt.	
Rajmash	<i>Phaseolus vulgaris</i>					Plenty	Plenty						local/ agriculture deptt.	
Rongi	<i>Vigna unguiculata subsp</i>					Plenty	Plenty						local/ agriculture deptt.	
Sarsoon	<i>Brassica juncea</i>					Plenty	Plenty						local/ agriculture deptt.	
Aloo	<i>Solanum tuberosum</i>					Plenty	Plenty						local/ agriculture deptt.	

Format2:Fruitplants

1	2	3	4	5	6	7	8	9	10	11	12
Plant	Scientificname	Local name	Variety	Landscape /Habitat	Localstatus		SourceSeeds /Plants	Seasonof fruiting	Assiciated TK	Otherdetails Market/ownuse	Community/ Knowledge holder
					Past	Present					
Apricot	<i>Prunus armeniaca</i>	Sadi	Wild	Agri.Land	Abundant	Available	Seeds/Plant	Mar-July	-	Own use	-
Mulberry	<i>Morus alba</i>	Toot	Wild	Agri.Land	Abundant	Available	Plant	July-Aug	-	Own use	-
Guava	<i>Psidium guajava</i>	Ambrud	Desi	Agri.Land	Available	Available	Seeds/Plant	Aug-Dec	-	Ownuse	-
Lime	<i>Citrus aurantifolia</i>	Nimbu	Desi	Agri.Land	Available	Abundant	Seeds/Plant	Nov-Dec	-	Ownuse/Market	-
Kainth	<i>Pirus serotina</i>	Kainth	Desi	Agri.Land	Abundant	Available	Seeds/Plant	Mar-July	-	Ownuse	-
Pomegranate	<i>Punica granatum</i>	Daduni	Local	Agri.Land	Abundant	Available	Seeds/Plant	Feb-Sep	-	Ownuse/Market	-
Aonla	<i>Phyllanthus emblica</i>	Amla	Wild	Agri.Land	Abundant	Abundant	Seeds/Plant	Oct-Dec	-	Ownuse/Market	-
Peach	<i>Prunus persica</i>	Addu	Wild	Agri.Land	Abundant	Available	Seeds/Plant	Mar-July	-	Ownuse	-
Pear	<i>Pyrus communis</i>	Naakh	Wild	Agri.Land	Abundant	Abundant	Seeds/Plant	Mar-July	-	Ownuse	-
Plum	<i>Prunus domestica</i>	Aloocha	Local	Agri.Land	Abundant	Available	Seeds/Plant	Mar-July	-	Ownuse	-
Banana	<i>Musa paradistica</i>	Kela	Desi	Agri.Land	Available	Rare	Plants	July-Aug	-	Ownuse	-
Grapes	<i>Vitis vinifera</i>	Angoor	Desi	Agri.Land	Rare	Rare	Plants	June-Sep	-	Ownuse	-

Otherdetailsincludefodderforwhichanimal, specialfeatures, medicinalusesifany, seasonsofavailability, propagationmethods, collectingfromwildorcultivatedetc.

Format 3: FodderCrops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape /Habitat	LocalStatus		Source of Plants/Seeds	Associated TK	Part Used	Other details	Community /Knowledge holder
				Past	Present					
Oat	<i>Aina sativa</i>	Jao	agriculture	available	available	agriculture office	----	wholeplant /seeds	---	----
	<i>Zea mays</i>	Maize								
	<i>Oryza sativa</i>	Dhan								
		Kanak								
		Chree								
	<i>Pennisetum gloucum</i>	Bajra								
	<i>Grewia optiva</i>	Dhaman								
		Nassenya								
		Karal								
		Bair								

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or

Format 4: Weeds

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape /Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community/ Knowledge holder
						Past	Present					
Grass	<i>Cynodon dactylus</i>	dhuuv	maize/wheat	stunted Growth of plant	soil of any type	plenty	plenty	fodder	biological/ chemical			
Sitti	<i>Phalaus minor</i>	sittigullidanda	wheat	stunted Growth of plant	soil of any type	plenty	plenty	fodder	biological/ chemical			
Shamd	<i>local plant</i>	Shama	paddy	stunted Growth of plant	soil of any type	plenty	plenty	fodder	biological/ chemical			
Jabar												
Seredi												
Lan												
Soura												
Tripuru												
Putna Jadi												
Congressa y Jadi	<i>Parthenium hysterophorus</i>											

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

Format5-PestsofCrop

Host	Insect/Animal	Scientific name	Localname	Habitat	Time/Seasonof Attack	Management mechanism	Associated TK	Otherdetails	Community knowledge holder
Peach,Pear, Plum, Apricot	Insect	<i>Brachycaudus helichrysi</i>	PeachLeafCurl Aphid	Soil	Winterseason	Biological/Chemical	-	-	-
Apple,Plum, Apricot,Peach,	Insect	Quadraspidiotus perniciosus	SanjoseScale	-	Fullyear	Biological/Chemical	-	-	-
	Insect	Eriosoma lenigerum	WoollyAphid	-	Feb-April	Biological/Chemical	-	-	-
Peach	Insect	Myzuspersicae	Peachgreen Aphid	-	Feb-May	Biological/Chemical	-	-	-
Citrus	Insect	<i>Aonidiella auranti</i>	Redscale	Soil	Allseasons	Biological/Chemical	-	-	-
	Insect	<i>Phyllocnistis citrella</i>	Leafminer	-	Mar-Nov	Biological/Chemical	-	-	-
	Insect	<i>Psorosticha zizyphi</i>	Leaffolder	-	April-Oct	Biological/Chemical	-	-	-
Maize	Stembrorer	ChiloPartellus	Lurhi/Kidda	Leafplants	Julyonward15-20daysofgerminatio	Biological/Chemicalinsecticide	-	-	-
	Cutworm	Agrotusipsilon	Lurhi/Kidda	Leafplants	Julyonward15-20daysofgerminatio	Biological/Chemicalinsecticide	-	-	-
Vegetable	Fruitfly	Bactrocera cucurbitae	Titli	plants/soil	Julyaftersummarrain	Biological/Chemicalinsecticide	-	-	-

Format 6: Markets for Domesticated animals

1	2	3	4	5	6	7	8	9
Name of the market & location	Weekly(D)/Fortnightly(D)/Monthly(D)/Biannual(M)/Annual(M) [1]	Types of animals brought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold/transported	Name and location of fish market	Types of fish sold	Source of fish
Banihal	Annual							
Sheep/Goats	Dhar-Dugngoo	Banihal						

Note: No market for domesticated animal.

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	Caste / tribe	Social condition	Nature of inhabitants	No. of HHs
General	Agriculture	Domesticated Animals & Horticulture	Land and Forest	Seasonal dependent	Traditional Management	Traditional Management	OC/ 35%	Average	Mainly Farmers	
Schedule Caste	Agriculture	Domesticated Animals & Horticulture	Land and Forest	Seasonal dependent	Traditional Management	Traditional Management	SC/ 30%	Socially P revillage	Mainly Farmers	
Schedule Tribe	Domesticated Animals & Horticulture	Agriculture	Land and Forest	Seasonal dependent	Traditional Management	Traditional Management	ST/ 25%	Socially P revillage	Sheep Herders	
							OBC/ 10%		Mainly Farmers	

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 landscape 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, conflict etc

Format8:Landscape

1			2	3	4	5	6	7	8	9	10	11	12
MajorLandscapes			Sub-Landscapes	Featuresand approx.Area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow Land											
Agriculturalland			----	150.15hac.	Private and Govt	Agriculture plants/Crops and Weeds	Insects and worms	----	Traditional agriculture practices	Foodand fodder	----	----	----
Forests			----	----	Govt.	Forest tree and plants/medicinal herbs	Wild animal of various kinds as per topography	----	Traditional practices	Foodand fodder	----	----	----
Ponds			----	----	----	Water grass /waterlily	Frog toads, Fishes, Crabs	----	Traditional practices	Irrigation and animal drinking	----	----	----
FallowLands			Meadows	----	----	seasonal grass	----	----	Sheep herding	Foodand fodder	----	----	----

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

Format9: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
Ponds	---	all seasonal	Pvt./Govt	water plants	frog and fishes	irrigation, animal drinking	---	Traditional practices	irrigation, animal drinking	---	---	---
Streams/river	---	all seasonal	Pvt./Govt	water plants	frog and fishes	irrigation, animal drinking	---	Traditional practices	irrigation, animal drinking	---	---	---
Canal		Seasonal	Pvt./Govt	water plants	frog and fishes	Animal Drink						

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dugwell etc.,

Format 10: Soiltype

1	2	3	4	5	6	7	8
SoilType	Color&Texture	Features	Soilmanagement	Plants/crop suitable	Flora and fauna	AssociatedTK	Other information
Brownforest soil	Brownish/silt loamto claytexture	fine granuarhaving PH 7.8to8.3	useoforganicmatter/ploughing	Maize andwheat	---	---	---
Red and Yellow Paelzolic Soil	Coarse texture	Water holding capacity upto40%	use of organic matter/ploughing/ use of cattle dung	Maize	---	---	---
Black Soil	Black						

**Format11:FruitTrees
DOMESTICATEDBIODIVERSITY**

1	2	3	4	6	7		8	9	11	12	13
Plant Type	Scientific Name	Local Name	Variety	Landscape/ Habitat	LocalStatus		Sourceofpl ant/seeds	Seasonof Fruiting	Associated TK	Otherdetails market/own use	Community/ Know.holder
					Past	Present					
Walnut	<i>Juglans regia</i>	Akhrote	Local,Kagzi	Agri.Land	Available	Abundant	Seeds/Plant	Mar-July	-	Own use/Market	-
Apple	<i>Malus domestica</i>	Seb	Red Delicious, Golden Delicious	Agri.Land	Available	Rare	Plant	Mar-July	-	Ownuse /Market	-
Guava	<i>Psidium guajava</i>	Amrood	L-49, Allahaba dsafeda	Agri.Land	Rare	Available	Plant	Aug-Dec	-	Ownuse /Market	-
Lime	<i>Citrus aurantifolia</i>	Nimbu	Kagzi	Agri.Land	Available	Abundant	Seeds/Plant	Nov-Dec	-	Own use/Market	-
Sweet Orange	<i>Citrus sineses</i>	Mosami	Malta,Mos ami	Agri.Land	Rare	Available	Seeds/Plant	Apr-Sep	-	Own use/Market	-
Sweet Lime	<i>Citrus limetoides</i>	Mithu	Local	Agri.Land	Available	Rare	Seeds/Plant	Apr-May	-	Own use/Market	-
Pomegranate	<i>Punica granatum</i>	Anaar	Kandhari,G anesh	Agri.Land	Rare	Available	Seeds/Plant	Feb-Sep	-	Own use/Market	-
Aonla	<i>Phyllanthus emblica</i>	Amla	NA-7, Banarsi	Agri.Land	Abundant	Abundant	Seeds/Plant	Oct-Dec	-	Own use/Market	-
Peach	<i>Prunus persica</i>	Addu	Local,Shan epunjab	Agri.Land	Abundant	Abundant	Seeds/Plant	Mar-July	-	Own use/Market	-
Pear	<i>Pyrus communis</i>	Bagugosha	Kashmiri nakh	Agri.Land	Abundant	Abundant	Seeds/Plant	Mar-July	-	Own use/Market	-
Plum	<i>Prunus domestica</i>	Alubokhara	Satluj	Agri.Land	Abundant	Abundant	Seeds/Plant	Mar-July	-	Own use/Market	-

Format 12: MedicinalPlants(Herbs,Shrubs,Treesetc.)

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	ScientificName	Variety	Landscape/ Habitat	Source of plant/seeds	Localstatus		Uses(usage)	Part used	Associated TK	Otherdetails market/own	Community/ Know.
						Past	Present					
Herb	Kasrood	<i>Diplazium esculentum</i>		Temperate area	Seed	Abundant	Abundant	N.A	Edible	Leaves	Commercial/ Own	Generally, held by community
Herb	VanAjwain	<i>Thymus serpyllum</i>		Temperate area	Root/Seed	Rare	Rare	N.A	Medicinal Purpose	Leaves	Own	Generally, held by community
Herb	Guchi	<i>Morchella esculanta</i>		Temperate area	Root	Abundant	Abundant	N.A	Edible	WholePart	Commercial/ Own	Generally, held by community
Shrurb	Kakkoya	<i>Flacourtia indica</i>		Temperate area	Root	Abundant	Abundant	N.A	Medicinal Purpose	Fruit	Own	Generally, held by community
Trees	Phagora	<i>Ficus palmata</i>		Temperate area	Root	Rare	Abundant	N.A	Medicinal Purpose	Fruit	Own	Generally, held by community
Herb	Shatri											Generally, held by community
Herb	Bayan											Generally, held by community
Herb	Banna											Generally, held by community

Herb	Baraaced											Generally, held by community
Herb	Bhang	<i>Canabis sativia</i>										Generally, held by community
Herb	Van-Kukuri											Generally, held by community
Herb	Santha											Generally, held by community

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	LocalName	Scientific Name	Variety	Source ofplant/seeds	Commercial/non-commercial	Uses	AssociatedTK	Other details	Community/ Know. holder
Ornamental Tree	<i>Chir</i>	<i>Pinus roxburghii</i>		Forest	Non-Commercial	Ornamental/Landscaping	Used in eye, ear throat diseases	Evergreen conifer, found in lower reaches	Floriculturists/ Nurserymen/ Gardeners
Bushes/ Shrubs	<i>Nerium</i>	<i>Nerium oleander</i>		Nurseries	Non-Commercial	Ornamental/Landscaping	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/ Gardeners
Bushes/ Shrubs	<i>Kaner</i>	<i>Cascabela thevetia</i>		Nurseries	Non-Commercial	Ornamental/Landscaping	Fevers	Flower most of the year	Floriculturists/ Nurserymen/ Gardeners
Bushes/ Shrubs	<i>Bottle Brush</i>	<i>Callistemon</i>		Nurseries	Non-Commercial	Ornamental/Landscaping	Therapeutic uses	Foilage and flowers	Floriculturists/ Nurserymen/ Gardeners
Herbs Seasonal	<i>Gulab</i>	<i>Rosa sp</i>		Nurseries	Non-Commercial	Ornamental/Landscaping	Blood purifier, Anti inflammatory	perennial flower	Floriculturists/ Nurserymen/ Gardeners
Herbs Seasonal	<i>Marigold</i>	<i>Tagetes erecta</i>		Nurseries	Non-Commercial	Ornamental/Landscaping	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/ Gardeners

Format14:TimberPlants/Trees

1	2	3	4	5		6	7	8	9	10
Plant Type	LocalName	ScientificName	Habitat	Localstatus		Wild/home-garden	Otheruses (multi)	Associated TK	Other details	Community/ Know.holder
				Past	Present					
Banj	<i>Quercus incana</i>	Temperate areas		Abundant	Aundant	Wild	Own Use	N.A	N.A	Generally,held by community
Chir	<i>Pinus rouxburghii</i>	Temperate areas		Abundant	Aundant	Wild	Own Use	N.A	N.A	Generally,held by community
Popular	<i>Populus ciliata</i>	Temperate areas		Rare	Rare	home-garden	Own Use	N.A	N.A	Generally,held by community
Doori	<i>Cedrus deodara</i>	Temperate areas		Rare	Rare	Wild/home-garden	Own Use	N.A	N.A	Generally,held by community
Spruce	<i>Picea smithiana</i>	Temperate areas		Abundant	Aundant	Wild	Own Use	N.A	N.A	Generally,held by community
Shisham	<i>Dalbergia sissoo</i>	Temperate areas		Abundant	Aundant	Wild/home-garden	Own Use	N.A	N.A	Generally,held by community
Khair	<i>Senegalia catechu</i>							N.A	N.A	Generally,held by community
Thune								N.A	N.A	Generally,held by community
Talee	<i>Syzygium cumini</i>							N.A	N.A	Generally,held by community
Pansara								N.A	N.A	Generally,held by community

Simbal	<i>Bombax ceiba</i>							N.A	N.A	Generally,held by community
Kikar	<i>Vachellia nilotica</i>							N.A	N.A	Generally,held by community

Format15:-DomesticatedAnimals

S.No.	Animal type	Local Name	Scientific Name	Breed L /Hybrid	Features	Metod of keeping	Local Status		Uses	Associated TK	Commercial rearing	Other Detai	Community/ Know.holder
							Past	Prese					
1	Cow	Gaay	BasSp p.	Hybrid	High fertility	Domesti cated	Available	Avail	Milkand Cowd	Highl yNutriti	Yes	MilkPro ducts	Selfobs erved
				Local	Lowmilk yildada ptedinlo		Availablei	Avai			No		
2	Buffal	Bhain	Bubalis	Local/Up	Blackinc olourMo d.ToHig	Domesti	Available	Avail	Milkand	Consider edhighen ergetic	freque	Highfat	Selfobs
3	Ox	Bael	BasSpp	Local/hy	ughing&C	Domesti	Available	Avail	ughing&C		No	No	Selfobse
4	Dog	Kutta	CanineS	Local/hy	Pet	Domesti	Available	Avail	Gaurdi		No		Selfobse
5	Horse/ Mule/	ada/Khach	EquineS	Local/hy		Domesti	Available	Avail	Carriag eandca	—	No		Selfobse
6	Cat	Billi	FelisSp	Local		Domesti cated	Less	Less	Nil		No		Selfobs
7	Poultr	Kukad	GalusS	Local	richmeat	Backya	Abundant	Decr	Egg&M	Nil	No	Egg&M	Selfobs
		FarmiKu		Chabr	Good Egg	Backya	Veryfew	Incre	Egg&M	Nil	No	Egg&M	
		Broiler		Hybrid	Whitein	Deeplit	Veryfew	Incre	Egg&M	Nil	Yes	OnlyMe	
9	Smal lRumin ants	Sheep	Ovisari es	Local	Smalls	Conventi onal &traditi onal					Yes	Mutton, wool,mil k,skin. Thedep artmen tprovid esallne cessary medica	Yes
				Crossbr	Largesize, finewool,whitef								
		Goat	Caprahir cus	Bakerw	Largesiz e,white/ grey/br								
				Beetal	Usuall yblac								
				BeetalCr	Smalleri nsizeand								

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

WILD BIODIVERSITY

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/ownuse	Part collected	Associated Traditional Knowledge	Other details	Community Knowledge Holder
					Past	Present					
Trees	Banj	<i>Quercus incana</i>	Trees	Temperate areas	Abundant	Abundant	Own	Leaves/Stem	N.A	N.A	Generally, held by community
Trees	Deodar	<i>Cedrus deodara</i>	Trees	Temperate areas	Abundant	Abundant	Commercial/ownuse	Stem	N.A	N.A	Generally, held by community
Trees	Fir	<i>Abies pindrow</i>	Trees	Temperate areas	Abundant	Abundant	Own	Stem	N.A	N.A	Generally, held by community
Trees	Spruce	<i>Picea smithiana</i>	Trees	Temperate areas	Abundant	Abundant	Commercial/ownuse	Stem	N.A	N.A	Generally, held by community
Shrubs	Rasound	<i>Berberis lycum</i>	Shrubs	Temperate area/ Upper Shivalik	Abundant	Abundant	Commercial/ownuse	Root	used for medicinal purpose	N.A	Generally, held by community
Herbs	Kasrood	<i>Diplazium esculentum</i>	Herbs	Temperate areas	Abundant	Abundant	Commercial/ownuse	Leaves	edible	N.A	Generally, held by community
Herbs	Saddar	<i>Urtica dioica</i>	Herbs	Temperate areas	Abundant	Abundant	Commercial/ownuse	Leaves	used for medicinal purpose	N.A	Generally, held by community
Herbs	Dhoop	<i>Jurinea dolomiaea</i>	Herbs	Temperate areas	Rare	Rare	Commercial/ownuse	Root	Use in Poojas's	N.A	Generally, held by community
Herbs	Bankakri	<i>Podophyllum hexandrum</i>	Herbs	Lower Shivalik	Abundant	Abundant	Commercial/ownuse	Fruit	N.A	N.A	Generally, held by community
Herbs	Van Ajwain	<i>Thymus serpyllum</i>	Herbs	Temperate areas	Rare	Rare	Commercial/ownuse	Leaves	Use for medicinal purposes	N.A	Generally, held by community
Herbs	Muskwala	<i>Valeriana jatamansi</i>	Herbs	Temperate areas	Rare	Rare	Commercial/ownuse	Root	N.A	N.A	Generally, held by community
Herbs	Guchi	<i>Morchella esculanta</i>	Herbs	Temperate area/ Upper Shivalik	Abundant	Abundant	Commercial/ownuse	Whole Part	Edible	N.A	Generally, held by community

Format 19: WildPlant Species of Importance

1	2	3	4	5	6
Sl. No.	LocalName	Scientific Name	Variety	Importance (as economic,social,	Status
1	Banj	<i>Quercus incana</i>		economic/social	Abundant
2	Deodar	<i>Cedrus deodara</i>		economic/social	Abundant
3	Fir	<i>Abies pindrow</i>		economic/social	Abundant
4	Spruce	<i>Picea smithiana</i>		economic/social	Abundant
5	Rasound	<i>Berberis lycum</i>		economic/social	Abundant
6	Kasrood	<i>Diplazium esculentum</i>		economic/social	Abundant
7	Saddar	<i>Urtica dioica</i>		economic/social	Abundant
8	Dhoop	<i>Jurinea dolomiaea</i>		economic/social	Rare
9	Bankakri	<i>Podophyllum hexandrum</i>		economic/social	Abundant
10	VanAjwain	<i>Thymus serphyllum</i>		economic/social	Rare
11	Muskwala	<i>Valeriana jatamansi</i>		economic/social	Rare
12	Guchi	<i>Morchella esculanta</i>		economic/social	Abundant

Format20: Aquatic Biodiversity

1	2	3	4	5	6		7	8	9	10
LocalName	Scientific Name	Variety	Features	Habitat	LocalStatus		Uses	Associated TK	Other details	Community/ Knowledge Holder
					Past	Present				
DaryayiChaahl	<i>Oxygasterbacaila</i>	Fish	cutting abdomen	slowmovingnullas	Abundant	Abundant	Edible	fishermen use the masbait for other bigfishes	N.A.	Generally, heldby Local Fisherman
PathriliChaahl	<i>Bariliusspp.</i>	Fish	cutting abdomen	slowmovingnullas	Abundant	Abundant	Edible	N.A.	N.A.	Generally, heldby Local Fisherman
Bootal	<i>Crossocheilus diplochilus</i>	Fish	Largesnout	Rivers	Abundant	Abundant	Edible	N.A.	N.A.	Generally, heldby Local Fisherman
Sol	<i>Channamarulius</i>	Fish	Blackocellusont hecaudalfin	muddyandslow movingnulla	Abundant	Abundant	Edible	N.A.	N.A.	Generally, heldby Local Fisherman
Garoj	<i>Mastacembelus armatus</i>	Fish	Shyinnature,generallyhiddenunderstones	Rivers	Abundant	Abundant	Edible	N.A.	N.A.	Generally, heldby Local Fisherman
Tarakla	<i>Xenentodoncancila</i>	Fish	swimsliekanarrowo nthesurfaceofwater	slowmovingnullas	Abundant	Abundant	Edible	N.A.	N.A.	Generally, heldby Local Fisherman
Otherdetailsmay includemodeofcatchingfish,timeofavailability,breedingtime,etc										

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	LocalName	Scientific Name	Variety	Importance	Trends
1	Kamal	<i>Nelumbo nucifera</i>	Local	Worshipping	
2	AAK	<i>Calotropis gogantea</i>	Local	None	
3	Hydrilla	<i>Hydrilla verticillata</i>	Local	None	

Format22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant(Herb, Shrub, Tree)	Local Name	ScientificName	Variety	Landscape/ Habitat	LocalStatus		AssociatedTK	Uses(usage)	Part used	Otherdetails market/ownuse	Community/ Knowledge Holder
					Past	Present					
Herb	Kasrood	<i>Diplazium esculentum</i>		Temperate area	Abundant	Abundant	N.A	Edible	Leaves	Commercial/Own	Generally, held by community
Herb	Saddar	<i>Urtica dioica</i>		Temperate area	Abundant	Abundant	N.A	Medicinal Purpose	Leaves	Own	Generally, held by community
Herb	Dhoop	<i>Jurinea dolomiaea</i>		Temperate area	Rare	Rare	N.A	religious purpose	Root	Commercial/Own	Generally, held by community
Herb	Bankakri	<i>Podophyllum hexandrum</i>		Temperate area	Abundant	Abundant	N.A	Medicinal Purpose	Fruit	Own	Generally, held by community
Herb	VanAjwain	<i>Thymuss erphyllum</i>		Temperate area	Rare	Rare	N.A	Medicinal Purpose	Leaves	Own	Generally, held by community
Herb	Muskwala	<i>Valeriana jatamansi</i>		Temperate area	Rare	Rare	N.A	Medicinal Purpose	Root	Commercial/Own	Generally, held by community
Herb	Guchi	<i>Morchella esculanta</i>		Temperate area/ UpperShiwalik	Abundant	Abundant	N.A	Edible	WholePart	Commercial/Own	Generally, held by community
Herb	Sweat flag	<i>Acorus calamus</i>		Temperate area	Abundant	Abundant	N.A	Medicinal Purpose	Rhizome	Commercial/Own	Generally, held by community

Herb	Neeli Jadi	<i>Ageratum conyzoides</i>		Temperate area	Abundant	Abundant		Medicinal Purpose	Leaves	Commercial/Own	Generally, held by community
	Bangh						N.A			Commercial/Own	Generally, held by community

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

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

Format25:Fumigate/ChewingPlants

1	2	3	4	5	6	7	8	9	10	11
Plant(Herb, Shrub,Tree)	LocalName	Scientific Name	Variety	Habitat	LocalStatus	Uses(usage)	Partused	Associated TK	Otherde tails(mo deofuse)	Community knowledge holder
Shrub	Kathi	Indigofera trifoliata		Temperateareas	Rare	Used forcleaning teeth	Stem	N.A	N.A	Generally,held bycommunity
	Timbru	<i>Zanthoxylum aurmatum</i>		Sub-Tropical				N.A	N.A	Generally,held bycommunity
	Dhakrun	<i>Murraya koenigii</i>		Sub-Tropical				N.A	N.A	Generally,held bycommunity
	Kaibalun			Sub-Tropical				N.A	N.A	Generally,held bycommunity
	Badhu			Sub-Tropical				N.A	N.A	Generally,held bycommunity

	Tale	<i>Syzygium cumini</i>		Sub-Tropical				N.A	N.A	Generally, held by community
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Format26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Talli	<i>Dalbergia sissoo</i>	Sub Tropical	Available	Available	Timber Wood	Wild	N.A	Self Observed
Tunni	<i>Toona ciliata</i>	Sub Tropical	Available	Available	Timber Wood	Wild	N.A	Self Observed
Safeda	<i>Corymbia citriodora</i>	Sub Tropical	Available	Available	Timber Wood	Wild	N.A	Self Observed
Chir	<i>Pinus roxburghii</i>	Sub Tropical	Available	Available	Timber Wood	Wild	N.A	Self Observed
Banj	<i>Quercus incana</i>	Sub Tropical	Available	Available	Timber Wood	Wild	N.A	Self Observed
Maru	<i>Pinus wallichiana</i>	Sub Tropical	Available	Available	Timber Wood	Wild	N.A	Self Observed
Spruce	<i>Piceaaa smithiana</i>	Sub Tropical	Available	Available	Timber Wood	Wild	N.A	Self Observed
Bankhor	<i>Aesculus indica</i>	Sub Tropical	Available	Available	Timber Wood	Wild	N.A	Self Observed

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					
Mamamls	Chitra	<i>Pantherapardus</i>	Forest	-	WinterSeason	-	-	-	-	-	-	Generally, held by community
Mamamls	HillFox(Lomari)	<i>Vulpesalopexmontanu</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mamamls	BlackBear(Bhalu)	<i>Selenaractorsthibetanus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mamamls	RedFlyingSquirrel	<i>Pectauristaphilippens</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	KoklasPheasant	<i>Cariorusmacrolophus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	ChearPheasant	<i>Catreuswallichii</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Chukor	<i>Alectrorisgraca</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	RufousTurtleDove	<i>Streptopeliaorientalis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Himalayan GriffonVulture	<i>Gypshimalayan</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	JungleCrow	<i>Corvousmarcorhynchos</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	HouseCrow	<i>Corvousplendens</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	HimalayanTreePie	<i>Dendrocittaformosea</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Cobra/Naag	<i>Najanaja</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Krait/Sanjuth	<i>Zameniesmucosus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Python/Sangni	<i>Pythonmorulus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	HimalayanPitViper	<i>Viperrusellii</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Ambhibian	Mendak/meenk	<i>ranatigrina</i>	Pond/Land	RainySeason	-	-	-	-	-	-	-	Generally, held by community
Ambhibian	Toad/Dadu	<i>Buffmelanostictus</i>	Pond/Land	RainySeason	-	-	-	-	-	-	-	Generally, held by community

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks

End of Part II