

## People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: JHATGALI-A

Taluk: Kumate

District: Ramban

State: Jammu And Kashmir

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total: 2450

Male:

Habitat and Topography:

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

## Annexure 1

### **Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to be women and not less than 18% belonging to SC/ST)**

1)Name of the Chairperson: Munshi Ram

Age:50

Gender: Male

Address: Jhatgali-A

Area of specialization:

2) Name: Onkar Singh

Age: 52

Gender: Male

Address: Jhatgali-A

Area of specialization:

3)Name: Manta Devi

Age:38

Gender: Femle

Address: Jhatgali-A

Area of specialization:

4)Name: Pinki Devi

Age: 32

Gender: Femle

Address: Jhatgali-A

Area of specialization:

5)Name: Amar Chand

Age: 48

Gender: Male

Address: Jhatgali-A

Area of specialization:

6)Name: Prithivi Raj

Age: 31

Gender: Male

Address: Jhatgali-A

Area of specialization:

7)Name: Shadi Lal

Age: 41

Gender: Male

Address: Jhatgali-A

Area of specialization:

## 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 :

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

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:

Age:

Gender:

Address:

Area of specialization:

2) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

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:

Name and Address:

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**

<b>S.no</b>	<b>Name and address of the Person/Institute/company others</b>	<b>Local and Scientific Name of the biological material Accessed and quantity</b>	<b>Date and resolution of the BMC and endorsement by the Panchayat</b>	<b>Detail of collection fee imposed</b>	<b>Anticipated mode of sharing benefits or quantum of benefits shared</b>

*End of Part I*

**Part II**  
**PBR – Formats**  
**AGROBIODIVERSITY**  
**Format 1: Crop Plants**

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Pulses Moong and Mash	<i>Vigna radiata/Phaseolus vulgaris</i>	Moong/ Mash	Local/Shikha and Pant u-19,Shekher-3	Hilly and Temperate Areas	10 Ha.	Plenty	Plenty	Sown as inter crop or mixed crop with maize	Kharif	Green beans used as vegetables and Grains are used as pulses	Food		Local seed/ Department Seed	Progressive farmers/ community leaders
Maize	<i>Zea mays</i>	Makki/ Makka	DMH 849, Dekalb Double, B-52, Rasi-4794 and KH-517	Sub-tropical, Semi-tropical & Temperate	216 Ha.	Plenty	Plenty	Corn and flour sweet in taste High yield yellow and white varieties	Kharif	Food, Fodder and straw used as dry fodder	Provide more energy and staple food		Departmental seed	Progressive farmers/ community leaders
Mustared	<i>Brassica juncea</i>	sarson	Local and KOS-1	Hilly and Temperate Areas	70 Ha.	Plenty	Plenty		Rabi	For Oil Purpose			Local seed/ Department Seed	Local seed/ Department Seed
Wheat	<i>Triticum aestivum</i>	Kanak	HD 2967, WH 1080, HD - 3086 PBW - 644	Sub-tropical, Semi-tropical & Temperate	80 Ha.	Plenty	Plenty	Hyv,Resistant to pests suscippibleto rusts	Rabi	Food, Straw used as dry fodder prematric oropusedos fodder	Stoplu food and provides more energy		Local Seed Deptt. Seed	

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

**Format 2: Fruit Plants**

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Apple	<i>Malus domestica</i>	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Rainy	Provide Nutrient and Energy	Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Pear	<i>Pyrus communis</i>	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Peach	<i>Prunus persica</i>	Asroo	FLA 16/13 July Alberta, Quetta, Florida sum, Florida Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Apricot	<i>Prunus armeniaca</i>	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Plum	<i>Prunus saliciana</i>	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloochoa	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh fruit,		Farmer/ Department of Horticulture
Walnut	<i>Juglans regia</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy		Dry Fruit		Farmer/ Department of Horticulture
Pomegranate	<i>Punica aratanum</i>	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Fig	<i>Ficus carica</i>	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture



### Format 3: Fodder Crops / Species

1	2	3	4	5	6	5		6	7	8	9	10
Crop	Scientific Name	Local Name	variety	Landscape/Habitat	Apporax area (in Ha.)	Local Status		source of Seeds/Plants	Associated TK	Part Used	Other Details	Community/Knowledge
						Past	Present					
OATS	<i>Avena saiva</i>	Javi		HILLY	1	Rase	Plenty	Deppt.	Nutritive	Nutritive	Shoot for fodder	Farming community
BAJRA	<i>Penisetium glucon</i>	Bajra		HILLY	1	Plenty	Plenty	Deppt.	Nutritive	Nutritive	Shoot for fodder	Farming community
Sorghum	<i>Sorghum bicolor</i>	Charri		Sub-tropical, Semi-tropical & Temperate	3Ha.	Local varieities	improved plenty varities	Local Seed Deptt. Seed	Kharief	leaves and stem	Rich source of Energy Nutritious fodder	Green Dry Fodder
Onion	<i>Allium cepa</i>	piyaz	Pussa red ,N53 and local varieties	Sub-tropical, Semi-tropical & Temperate	1 Ha,	Plenty	Plenty	Local Seed Deptt. Seed	Rabi	used as spice		
Garlic	<i>Allium sativum</i>	Thom	Yamuna, German white gatha thorn	Sub-tropical, Semi-tropical & Temperate	1 Ha,	Plenty	Plenty	Local Seed Deptt. Seed	Rabi	used as spice	Medicinal Value	

**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					
Maize	<i>Cynodon dactylon</i>	Bamunda Grass	Maize	1. Grow faster than native plants and successfully compete for available nutrients, water, space and sunlight 2. Reduce natural diversity 3.Reduce crop productivity 4.Cause Human Health Problems such as Respiratory skin irritation.	Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed
	<i>Commelina benghalensis</i>	Kaun Makki	Maize		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed
	<i>Cyprus rotundus</i>	Dila	Maize		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed
	<i>Digera arvensis</i>	Tandla	Maize		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed
	<i>Acrachne racemosa</i>	makra	Maize		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed
	<i>Chenopodium album</i>	Battua	Maize		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers	Used as vegetable	Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed

Wheat	<i>Chenopodium album</i>	Bathua	Wheat	1. Grow faster than native plants and succesfully competete for availbale nutrients, water, space and sunlight .2. Reduce natural duiversity 3.Reduce crop productete for 4.Cause Human Health Problems such as Respiratory skin irritation.	Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers	Used as vegetable	Manual control/ chemical management through herbisides	Rich source of protein vitamin A, Calcium , Potassium & Phosphorous	local	No. TK with knowledge of weed
	<i>Avena Fatua</i>	Wild Oats	Wheat		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Source for high quality	local	No. TK with knowledge of weed
	<i>Medicago denticulata</i>	Maina	Wheat		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Manual control/ chemical management through herbisides	local	No. TK with knowledge of weed
	<i>Phlalaris Minor</i>	Gully Danda	Wheat		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Source for high quality	local	No. TK with knowledge of weed
All Crop	<i>Parthenimum hysterochorous</i>	Gajjar Ghass (cangress grass)	all crop		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Abnoxious weed difficult to control	exotic	No. TK with knowledge of weed
	<i>Vicia hirsua</i>	Chingeri Sag	all crop		Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed
	<i>Rumex maritimus</i>	Jangali Palak	all crop		(	No weed management	Weed mgmt. on scientific lines being followed by farmers	Used as vegetable	Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed

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

### Format 5: Pests of Crops

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
Wheat	Field Rats	<i>Bendicota bangalensis, Torera indica, Millardia meltada</i>	Chuha	All Fields	All Season	1. Traps and chemicals	Nil	Nil	Nil
Maize	Cut Worm	<i>Agroris sp.</i>	Toka	maize	April to May	1. Chemical management through insecticide (Phorate)	Nil	Nil	Nil
	Stem Borer	<i>Chilo Partellus</i>	Padi	maize	June to July	1. Ploughing of field after harvest and destroy stubbles & weeds 2. Distruction of infected plant and removal of dead herts 3. Chemicals management through insectisides	Nil	Nil	Nil
	Cob Worm	<i>Helicoverapa armigera</i>		maize	June to July	1. Deep summer ploughnig 2. Installation of pheromone traps for monitoring 3. Chemicals management through insecticides	Nil	Nil	Nil
	Blister beetal	<i>Mylabris pustulata</i>	Khundi	maize	June to August	1. Avoid Excessive use of nitogenous fertilizers 2. Manual collection or collection with insect net and killing of adults in kerosenized water 4. Need based spray of carbrybl and fenthione	Nil	Nil	Nil

Mustard	<i>Aphid</i>	<i>Lipasphis erisyi</i>		mustard	Mustard	<p>1. Avoid late sowing a excessive use of nitrogen fertilizers crop should be sown before 20th oct.</p> <p>2. Need base spray of dimethoate 30 EC or Methyl Demetone 25 EC</p>	Nil	Nil	Nil
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Other details may include possible reasons for insects/animal attack

**Format 6: Markets for Domesticated animals**

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

**Note:** [1] (D) – day; (M) – month;  
 [2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

**Format 7: Peoplescape**

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
2450	Farmers	Labour		Nil	Nil	Nil	SC/ST/OC	Backward area		393

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.

Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc

How the community manages the landscapes they use for satisfying different needs, their strategies and perception

How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

### Format 8: Landscape

		1			2	3	4	5	6	7	8	9	10	11	12
		Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
		Agricultural land	Pond	Fallow land											
1	LRBN004	Forest Land			Forest Land	50%	Govt/Private	Wild plantation	Insect and Amphibian	Unknown	Unknown				
2	LRBN001	Cultivated land			Cultivated land	35%	Agriculture Land is privately owned.	Plant. Some wild plant	Insect	Nil	Unknown				Low income communities
3	LRBN002	Non-Cultivated Land			Non-Cultivated Land	15%	Govt/Private	Plant. Some wild plant	Insect	Available for farming cattle rearing, Rat catching	Unknown				Low income communities
4	LRBN006	Grazing land			Grazing land	30%	Private	Plant. Some wild plant	Insect	Unknown	Unknown				Low income communities
5	LRBN005	Non-Irregated Land			Non-Irregated Land	0%	Government	Wild Plant	Insect and Amphibian	Unknown	Unknown				Low income communities
6	LRBN007	Fallow Land			Fallow Land	35%	Private	Plant. Some wild plant	Insect	Unknown	Unknown				Low income communities

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



### Format 9: Waterscape

		1	2	3	4	5	6	7	8	9	10	11	12	13
		Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
1	WRBN001	River	Chenab		Govt under Land and revenue Dept. and Panchayat	Mostly Bryophytes and Pteridophytes	Amphibians	Daily Household and drinking	All the People of the area	Traditional management practices for strengthening of bunds and deepning of tanks beds.	For Drinking, washing clothes	Unknown	Unknown	General people of village

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

### 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	Associated TK	Other information
Clay	Red	Clay soil holds a lot of water but it cannot hold much air. It has very good water holding capacity.	1. Amend with organic material. 2. Grow a crop cover. 3. Avoid compaction. 4. Use adequate quantity of Farm Yard Manures.	Vegetables			
Sandy	Yellow	Sandy soil can hold lot of air but can not hold water & also have very less nutrients.		Maize, Millets, Barley, Jowar etc			
Loamy	Brown	It contains humus. It holds sufficient water & air.		Wheat, vegetables, sugarcane, Paddy, pulses etc			
Red Soil	Red	Red soil can hold lot of water but it cannot hold much air. Water drains very slowly in it.		Paddy Maize, wheat, vegetables 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						
Apple	Malusdomestica	<i>Saib</i>	Red Delicious, Golden Delicious etc	Mid hills upto High hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Pear	Pyruscommunis	<i>BaguGosha, Nakh, Nashpati</i>	Red Bartlett, Punjab Beauty, PatharNakh, Star Krimson	Mid hills to High hills	-	-	Do	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture
Peach	Prunuspersica	<i>Aaroo</i>	FLA 16/13 July Alberta, Quetta, Florda sum, FlordaPrenice	Lower hills upto High hills	-	-	Do	Summer	-	Fresh Fruit		Farmer/ Department of Horticulture
Apricot	Prunusarmeniaca	<i>Khobani, Sarri</i>	Bebco, Harkat	Lower hills upto High hills	-	-	Do	Summer	-	Fresh Fruit		Farmer/ Department of Horticulture
Plum	Prunussaliciana	<i>Aloo Bukhara</i>	Santa Rosa, Kala Amritsari, Alubukhara, Aloocho	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer	-	Fresh fruit,		Farmer/ Department of Horticulture
Walnut	Juglansrejia	<i>Akhroot</i>	Burzal, Kagzi, Local Selections	High hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Dry Fruit		Farmer/ Department of Horticulture
Pecannut	Caryaillinoensis	<i>Pacannut</i>	Stuart, Wastern Shelley, Descrable	Mid hills	-	-	Govt. Nursery	Rainy	-	Dry Fruit		Farmer/ Department of Horticulture
Quince	Cydoniaoblonga	<i>Bahie</i>	Iraniam, Kashmiri Mumm	High hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Dried fruits/ seeds		Farmer/ Department of Horticulture
Olive	Oleaeuropea	<i>Zaitoon</i>	Carolea, CoratinaFrontoio,	Mid hills	-	-	Govt. ACHD Ramban	Rainy	-	Oil		Farmer/ Department of Horticulture
Persimmom	Diospyrus kaki	<i>Amlook</i>	Fuyu, Jiro, Hachia	Mid hills	-	-	Govt. Nurseries	Rainy	-	Fresh/Dry Fruit		Farmer/ Department of Horticulture
Lime	Citrus aurantifolia	<i>Nimboo</i>	Kagzi, Eureka lime, Baramasi	Lower hills upto Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Around the year	-	Fresh Fruit	-	Farmer/ Department of Horticulture
Pomegranate	Punicagranatum	<i>Anardana, Daroo</i>	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Anardana		Farmer/ Department of Horticulture
Kiwi	Actinidiadeliciosa	<i>Kiwi</i>	Allison, Abbot, Tomuri, Hayward	Mid hills upto High hills	-	-	ACHD Ramban	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture
Fig	Ficuscarica		Local	Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture

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

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
						Past	Present					
Herb	Gadikan/Ban tambaku	<i>Verbascum Thapsus</i>	Local	1600-3000m/ Temperate	seeds	abundant	rare	Antirheumatic, Astringent,demulcent & Emollient, wound Healing	Leaves	Antirheumati c		Generally, held by community
Herb	Wan wangoun/Bankakdi/Himal ayan May Apple	<i>Podophyllum hexandrum</i>	Local	Alt.2000-4000m/ Temperate	seeds and roots stocks	Rare	Critically endangered	Cancer, Gonorhea' Tyohoid fever, vermifuge	Rhizomes and Roots			Generally, held by community
Herb	Bhang	<i>Cannabis sativa</i>	Local	cosmopolitan/ Temperate	seeds	abundant	abundant	Hempseed oil,Hallocinogenic, sedative,Analgesic, Anti- inflammatory, piles	All parts of the plant	Psychoactive		Generally, held by community
Herb	Sapp Google	<i>Arisaema flavum</i>	Local	3500-4000m/ Temperate	Seeds	rare	rare	Expectorent,tetanus,epilepsy ets	whole plant			
Herb	Soi	<i>Urtica dioica</i>	Local	everywhere/ Temperate	Seeds	abundant	abundant	arthritis,, prostatic hyperplasia, to ntreat urinary problems	Leaves and stem	Arthritis		

**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	Spirea	<i>Spiraea sorbifolia</i>	local		Non-Commercial		N.A	N.A	Generally, held by community
Shrub	Jasmine	<i>Jasminum humile</i>	local		Non-Commercial		N.A	N.A	Generally, held by community
Shrub	Gandera	<i>Nerium oleander</i>	local		Non-Commercial		N.A	N.A	Generally, held by community
Shrub	Anardana	<i>Punica granatum</i>	local		Non-Commercial		N.A	N.A	Generally, held by community
Tree	veer	<i>Salix alba</i>	local		Non-Commercial		N.A	N.A	Generally, held by community
Tree	Horse chestnut	<i>Aesculus indicus</i>	local		Non-Commercial				
Tree	Chinar	<i>Platanus orientalis</i>	local		Non-Commercial				
Tree		<i>Rosa webbiana</i>	local		Non-Commercial				
Tree	Elm	<i>Ulmas wallichiana</i>	local		Commercial				

**Format 14: Timber Plants / Trees**

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home- garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
				Past	Present					
Trees	Fir/ Budlu	<i>Abies pindrow</i>	Temperate	Abundant	Rare	Wild	Own	nil	Nil	Generally, held by community
Trees	Akhroot	<i>Juglans regia</i>	Temperate	Abundant	Abundant	Wild/Home garden	Commercial	bark is used as toothache, fruits	Nil	Generally, held by community
Trees	Kikur	<i>Robina pseudoacacia</i>	Temperate	Abundant	Abundant	Wild	Commercial	Nil	Nil	Generally, held by community
Trees	Champ	<i>Alnus nitida</i>	Temperate	rare	Rare	Wild	Own	Nil	Nil	Generally, held by community

### Format 15: Domesticated Animals

1	2	3	4	5	6	7 Local status		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Past	Present	Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
Sheep	Bhead	<i>Ovis-aries</i>	Local	Small size , rough coat	Flock rearing	Plenty	Rare	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads
Sheep	Bhead	<i>Ovis-aries</i>	Rambouillet cross	Large size, fine wool	Flock rearing	Rare	Plenty	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	<i>Capra-hircus</i>	Local	Small size, low body weight	Flock Rearing	Plenty	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	<i>Capra-hircus</i>	Kaghani (Bakerwali)	Large size, high body weight	Flock rearing	Rare	Plenty	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	<i>Capra-hircus</i>	Beetal	Large size, high body weight	Flock rearing	Rare	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Cow	Gaye	<i>Bos.Supp</i>	Local /hybrid	High fertility and high milk	domesticated	available	available	Milk and dung	nutrious and complete diet	yes		self observer

ox	Bail	<i>Boss spp</i>	Local /hybrid	Ploughing & carriage	domesticated	available	available	ploghing & Carriage		no	no	self observer
Cat	Billi	<i>Felis Spp</i>	LOCAl	pet	domesticated						no	self observer
Dog	Kutta	<i>Cannie Spp</i>	Local /hybrid	pet	domesticated			Guarding			no	self observer
Buffalo	Bhains	<i>Bubalus Supp</i>	Local /hybrid	Black in colour ,,,High fat milk...	domesticated			Milk and dung	nutrious and complete diet	frequent	high fat %age	self observer
Mammals	Ghorda	<i>Equus Caballus</i>	Local/Hybrid	-	Stable			-	N/A	No	Loading purpose	-

Uses include milk, meat, skin, fur and etc



**Format 16: Culture Fisheries**

1	2	3	4	5	6	7		8	9	10	11	12	13
Fish Type	Local Name	Scientific Name	Variety	Culture/ Capture	Features	Waterscape (pond/bheri/talao)	Local status	Commercial rearing	Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
Rainbow Trout	Trout	<i>Oncorhynchus mykiss/ Salmo gairdneri</i>	Exotic	Culture	Rainbow Trout have an elongated, laterally compressed body with rounded snout. Which becomes extend and the lower jaw turns up in breeding males as is common with other salmon ides Adult fish with reddish stripe along the lateral line	Snow fed rivers & steams & raceways	Due to continuous stocking programmes by the Deptt. of Fisheries and extension activities in the Pvt. Sector. The fish is now available both naturally & is also cultured locally	Yes				Breeding period Dec to Feb, Feeds on natural and artificial foods. Mode of catching – Cast Net and Drag Net	Deptt. & Local farmers

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and 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 / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Herbs	Cudweed	<i>Gnaphalium hypoleucum</i>	Herb	Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Herbs	Helleborine	<i>Epipactis latifolia</i>	Herb	Lesser Himalayas	rare	Rare	Own Use			Nil	Generally held by the community
Herbs	Helleborine Orchid	<i>Epipactis wallichii</i>	Herb	Lesser Himalayas	Rare	Rare	Own Use			Nil	Generally held by the community
Herbs	Millfoil	<i>Achillea millefolium</i>	Herb	Lesser Himalayas	rare	rare	Own Use	whole plant	Medicinal plant	Nil	Generally held by the community
Herbs	Nepal Cinquefoil	<i>Potentilla nepalensis</i>	Herb	Lesser Himalayas	Abundent	Abundant	Own Use			Nil	Generally held by the community
Herbs	Nepal Dock	<i>Rumex nepalensis</i>	Herb	Lesser Himalayas	Abundent	Abundant	Own Use	leaves		Nil	Generally held by the community
Herbs	Northern Bedstraw	<i>Galium boreale</i>	Herb	Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Herbs	Sun Spurge,	<i>Euphorbia helioscopia</i>	Herb	Lesser Himalayas	Abundent	Abundent	Own Use	whole plant	Medicinal plant	Nil	Generally held by the community
Herbs	Wild Indigo	<i>Indigofera heterantha</i>	Herb	Lesser Himalayas	Abundent	Abundent	Own Use	flowers	herbal Tea	Nil	Generally held by the community
Herbs	Wild Strawberry	<i>Fragaria nubicola</i>	Herb	Lesser Himalayas	Abundent	Abundent	Own Use	roots and fruit		Nil	Generally held by the community
Tree	Walnut	<i>Juglans regia</i>	Tree	Lesser Himalayas	Abundent	Abundent	Commercial	fruit,bark, stem		Nil	Generally held by the community
Herbs	Wild Strawberry	<i>Fragaria vesica</i>	Herb	Lesser Himalayas	rare	rare	Own Use	fruit		Nil	Generally held by the community
Tree	Kail	<i>Pinus wallichiana</i>	Tree	Lesser Himalayas	Abundent	Abundent	Own Use	Stem		Nil	Generally held by the community
Bush		<i>Sambucus ebulus</i>	Shrub	Lesser Himalayas	rare	Rare	Own Use			Nil	Generally held by the community
Herb		<i>Dactylis</i>	grass	Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Shrub	Junipers	<i>Juniperas recurva</i>	Shrub	Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community

Trees		<i>Pistacia integerrima</i>	Tree	Lesser Himalayas	rare	rare	Own Use	fruit		Nil	Generally held by the community
Trees	Tanji	<i>Pyrus Phashia</i>	Tree	Lesser Himalayas	Abundant	rare	Own Use	fruit		Nil	Generally held by the community
Shrub		<i>Berberis sps</i>		Lesser Himalayas	Abundant	Abundant	Own Use	roots and fruit	Medicinal plant	Nil	Generally held by the community
Shrub	Solai	<i>Plectranthus rogosus</i>		Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Shrub		<i>Daphne cannabina</i>		Lesser Himalayas	Abundant	abundant	Own Use			Nil	Generally held by the community
Shrub		<i>Woodfordia floribunda</i>		Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Shrub		<i>Rosa moschata</i>		Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Shrub		<i>Punica granatum</i>		Lesser Himalayas	rare	rare	Own Use	fruit		Nil	Generally held by the community
Climber		<i>clematis spp</i>	Climber	Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Climber		<i>Jasminum humile</i>	Climber	Lesser Himalayas	rare	rare	Own Use		ornamental	Nil	Generally held by the community
Trees		<i>Toona Ciliata</i>	Trees	Lesser Himalayas	rare	rare	Own Use	stem		Nil	Generally held by the community
Trees		<i>Daphne cannabina</i>		Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Trees		<i>Acer pictum</i>		Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Climber		<i>Lonicera spp</i>		Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Herbs		<i>Viola canescens</i>		Lesser Himalayas	rare	rare	Own Use	flowers		Nil	Generally held by the community
Herbs		<i>Fragaria vesca</i>		Lesser Himalayas	Abundant	Abundant	Own Use	fruit, root	Medicinal plant	Nil	Generally held by the community
Herbs		<i>Atropa belladonna</i>		Lesser Himalayas	Rare	rare	Own Use	whole plant	Medicinal plant	Nil	Generally held by the community
Tree		<i>Salix spp</i>		Lesser Himalayas	Abundant	Abundant	Commercial	stem		Nil	Generally held by the community

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

1	2	3	4	5	6
Sl. No.	Local Name	<i>Scientific Name</i>	Variety	Importance (as economic, social, cultural etc.)	Status
1	Gadikan/Ban tambaku	<i>Verbascum Thapsus</i>	Local	Antirheumatic, Astringent, demulcent & Emollient, wound Healing	Rare
2	Bhang	<i>Cannabis sativa</i>	Local	Hempseed oil, Hallucinogenic, sedative, Analgesic, Anti-inflammatory, piles	Abundant
3	Feku	<i>Ficus palmate</i>	Local	Fruit is demolescent, laxative, used in diseses of lungs and bladder.	Threatened
4	Kareel Kaimbul/Chownphal/Simlu	<i>Berberis aristata</i>	Local	treatment of eye and skin diseases, malaria, diarroheea, antibacterial effects, jaundice, dysentry	Abundant
5	Sapp Google	<i>Arisaema flavum</i>	Local	Expectorent, tetanus, epilepsy ets	Endangered

**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				
	<i>Lemna</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
	<i>Wolffia</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
	<i>Azolla</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
	<i>Ranunculus aquaticus</i>	local		Streams,springs & ponds	Abundant	rare	N.A	N.A	N.A	Unknown
	<i>Arum arrow</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
	<i>Hydrilla</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Nag babbaer	<i>Nasturtium</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Shaell	<i>Spirogyra</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
	<i>Chara</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
	<i>Zygnema</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown

	<i>Nostoc</i>	local		Streams,springs & ponds	Abundant	Abundant	fertilizer	Fertilizer	N.A	Unknown
	<i>Chlamydomonas</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
<i>Himalayan toad</i>	<i>Duttaphrynus himalayanus</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Common skittering frog	<i>Euphlyctiscyanophlyctis</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Indian Bull frog	<i>Hoplobatrachustigerinus</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Himalayan Paa frog	<i>Nanoranavicina</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Small Paa frog	<i>Nanoranaminica</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Common Frog	<i>Rana tigrana</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Desi Alma	<i>Schizothorax sps</i>	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown
Rainbow Trout	Oncorhynchus mykiss/ Salmo gairdneri	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown
Trout	Oncorhynchus mykiss	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown
Common Carp	Cyprinus carpio	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown

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

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
	Duckweed	<i>Lemna minor</i>	local	blocked nose & inflammation	
	Rootless duckweed	<i>Wolffia arrhiza</i>	local	Fish farming and water purification	
		<i>Azolla</i>	local	Fodder for ducks ,chicken	
	Arum arrow	<i>Peltandra virginia</i>	local		



**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	Gadikan/Ban tambaku	<i>Verbascum Thapsus</i>	Local	1600-3000m/Temperate	seeds	abundant	rare	Antirheumatic, Astringent, demulcent & Emollient, wound Healing	Leaves	Antirheumatic	
Herb	Bhang	<i>Cannabis sativa</i>	Local	cosmopolitan/Temperate	seeds	abundant	abundant	Hempseed oil, Hallucinogenic, sedative, Analgesic, Anti-inflammatory, piles	All parts of the plant	Psychoactive	
Herb	Sapp Google	<i>Arisaema flavum</i>	Local	3500-4000m/Temperate	Seeds	rare	rare	Expectorent, tetanus, epilepsy ets	whole plant		
Herb	Soi	<i>Urtica dioica</i>	Local	everywhere/Temperate	Seeds	abundant	abundant	arthritis,, prostatic hyperplasia, to ntreat urinary problems	Leaves and stem	Arthritis	

**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					
Dhusay	<i>Fiscus carica</i>	Fig	Hilly	Planty	Planty	As fruit	Fruit Pulp	Rich source of nutrient and minerals	Good source of antibiotic	Farming community
Shatoot	<i>Morus alba</i>	Mulberry	Hilly, intermeditate	Planty	Rare	Inflorescence	Fruit Pulp	Rich in protine, vit. C,fe, mg,cu	Good source of fiber	Farming community
kambery	<i>Cyanooccus spp.</i>	Blue berry	Hilly, intermeditate	Planty	Planty	As fruit	Fruit Pulp	Rich in vit. C&k	Antioxident	Farming community
Amlook	<i>Data palm</i>	Data palm	Hilly, intermeditate	Planty	Planty	As dry fruit	Fruit Pulp	Rich in vit. A,c,e &k	Goofd source of fiber	Farming community
<i>Gajjar Ghas (congress grass)</i>	<i>Parthenimum hysterophorous</i>	all crop	Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Abnoxious weed difficult to control	exotic	No. TK with knowledge of weed
<i>Chingeri Sag</i>	<i>vicia hirsua</i>	all crop	Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed
<i>Jangali Palak</i>	<i>rumex crispus</i>	all crop	Hilly and Temperate & intermiadate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers	Used as vegetable	Manual control/ chemical management through herbisides	Nil	Nil	No. TK with knowledge of weed

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



**Format 25: Fumigate / Chewing Plants**

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	<i>Scientific Name</i>	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
Tree	Khod	<i>Jugans regia</i>	Local	Intermediate	Available	Available	Dry fruit	Bark	Medicinal pproperties	-	Farming community
Herb	Mulathi	<i>Glycyrrhizaglabra</i>	Local	Intermediate	Available	Available	Bark & stem used	Stem, bark	Medicinal pproperties	-	Farming community
Shurb	Timber	<i>Queacus spp.</i>	Local	Intermediate	Available	Available	Datun, Chattni	Stem, bark	Medicinal pproperties	-	Farming 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/ Knowledge Holder
			Past	Present				
Fir/ Budlu	<i>Abies pindrow</i>	Temperate	Abundant	Rare	Firewood	Unknown		Generally, held by community
Akhroot	<i>Juglans regia</i>	Temperate	Abundant	Abundant	Fruit edible	Bark and twigs used for teeth cleaning		Generally, held by community
Kikur	<i>Robina pseudoacacia</i>	Temperate	Abundant	Abundant	Fodder/firewood	Unknown		Generally, held by community
Champ	<i>Alnus nitida</i>	Temperate	rare	Rare		Unknown		Generally, held by community
Tanji	<i>Pyrus pashia</i>	Temperate	Rare	Rare	Fruit edible	Unknown		Generally, held by community
veer	<i>Salix alba</i>	Temperate	Abundant	Abundant	Fodder	Unknown		Generally, held by community





**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					
Mammals	Common Langur	<i>Semnopithecus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Himalayan Black Bear	<i>Ursus thibetanus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Himalayan Mouse Hare	<i>Ochotona roylei</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Jackal	<i>Canis aureus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Jungle Cat	<i>Felis chaus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Leopard	<i>Panthera pardus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Long Tailed Marmot	<i>Mamot caudate</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	The Indian Fox	<i>Vulpes bengalensis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Five Stripped Palm Squirrel	<i>Funambulus Penanti</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	The Indian Field Mouse	<i>Mus booduga</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	The Indian Procupine	<i>Hystrix indica</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Alpine accentor	<i>Prunella collaris</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Bearded vulture or Lammergeier	<i>Gypaetus barbatus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Black-eared Kite	<i>Milvus migrans</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Black-naped green wood-pecker	<i>Picus canus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community



Birds	Blue rock pigeon	<i>Columba livia</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Blue whistling thrush	<i>Myophonus caeruleus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Brown dipper	<i>Cinclus pallasi</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Chukar partridge	<i>Alecturus chukar</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Common myna	<i>Acridotheres tristis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Eagle owl	<i>Bubo bubo</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Griffon vulture	<i>Gyps fulvus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Himalayan Griffon Vulture	<i>Gyps himalayensis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Himalayan pied wood-pecker	<i>Dendrocopos himalayensis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Himalayan swiftlet	<i>Collocalias brevirostris</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Himalayan tree-creeper	<i>Certhia discolor</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	House sparrow	<i>Passer domesticus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	India white-backed vulture	<i>Gyps bengalensis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Indian cuckoo	<i>Cuculus micropterus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Jungle crow	<i>Corvus macrorhynchos</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Koel	<i>Eudynamis scolopacea</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Paradise flycatcher	<i>Terpsiphone paradise</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Pariah kite	<i>Milvus migrans govinds</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Peregrine	<i>Falco peregrines</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community

Birds	Pied or white wagtail	<i>Motacilla alba</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Red jungle fowl	<i>Gallus gallus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Rose ringed parakeet	<i>Psittacula krameri</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Rufous trustle dove	<i>Streptopelia orientalis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Scaly-bellied green	<i>Picus squamatus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Slaty blue flycatcher	<i>Muscicapa leucomelana</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Slaty-headed parakeet	<i>Psittacula himalayana</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Sparrow hawk	<i>Accipiter nisus nisosimilis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Spotted fork-tail	<i>Enicurus maculatus</i>	Forest	-	-	-	-	-	-	-	-	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*