

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti : Sujmatna B

Taluk: Ramsoo

District: Ramban

State: J&K

Geographical Area of the Panchayat Samiti: 750 Hecter

Population under the Panchayat Samiti: Total 4000

Male: 2200 **Female:** 1800

Habitat and Topography: Rainfall

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation 05 Nov. 2019

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: Ab Qayoom S/O Atta Mohd

Age: 67 Yrs

Gender: Male

Address: Magerkote Sujmatna B

Area of specialization: Retired Wild life Employee

2) Name: Rehana Begum W/O Abdul Majeed

Age: 50 Yrs

Gender: Female

Address: Sujmatna B

Area of specialization: Women Representative

3)Name: Amita Devi W/O Tirath Singh

Age: 45 Yrs

Gender: Female

Address: Halwagan Sujmatna B

Area of specialization: Women Representative

4)Name: Iftiyaz Ahmed S/O Mohd Muzammal

Age: 22 Yrs

Gender: Male

Address: Hewagan Sujmatna B

Area of specialization:

5)Name: Raghu Nath

Age: 60 Yrs

Gender: Male

Address: Halwagan Sujmatna B

Area of specialization: Retired PHE Employee

6)Name: Ayaz Ahmed S/O Mohd Yousuf

Age: 50 Yrs

Gender: Male

Address: Hewagan Sujmatna B

Area of specialization:

7)Name: Reyaz Ahmed S/O Mohd Din Bali

Age: 46 Yrs

Gender: Male

Address: Hewagan Sujmatna B

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 : Mushtaq Ahmed S/o Gull Mohd Katoch

Age: 45 Yrs

Gender: Male

Address: Lanka Sujmatna B

Area of specialization: Mantar Snake Bite

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: Mohd Hanief S/O Feroz Din

Age: 60 Yrs

Gender: Male

Address: Hewagan Sujmatna B

Area of specialization: Bone and Joint Specialist

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name: Shamshada Begum w/O Mohd Muzammil

Age: 50 Yrs

Gender: Female

Address: Hewagan Sujmatna B

Area of specialization: Bones and Joint

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:** Kasru Devi W/o Janak Singh

Age: 55 Yrs

Gender: Female

Address: Hewagan Sujmatna B

Area of specialization: Agriculture

2) **Name of the Chairperson:** Farooq Ahmed S/o Roshan Din

Age: 55 Yrs

Gender: Male

Address: Hewagan Sujmatna B

Area of specialization: Social Forestry

3) **Name of the Chairperson:** Raja Waseem Rafiq S/o Mohd Rafiq

Age: 25 Yrs

Gender: Male

Address: Hewagan Sujmatna B

Area of specialization: Fisheries

4) **Name of the Chairperson:** Gul Begum W/o Ghulam din Bali

Age: 60 Yrs

Gender: Female

Address: Hewagan Sujmatna B

Area of specialization: Asha Worker

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: Jai Singh

Name and Address: Headmaster High School Batroo

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

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							
Rice	<i>Oryza sativa</i>		Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases		Food Fodder Roofing Fuel	Provides more energy	Suitable for “Valicha” cultivation		Kurichiya Kuruma W. Chetty
Maize	<i>Zea mays</i>	Mak/ Kakri				Plenty	Plenty							
Wheat	<i>Triticum</i>	Kanak				Plenty	Plenty							
Knol Knol	<i>Brassica oleracea</i>	Kadam				Plenty	Plenty							
Potato	<i>Solanum tuberosum</i>					Rare	Rare							
Tomato	<i>Solanum lycopersicum</i>					Rare	Rare							
Rajma	<i>Phaseolus vulgaris</i>					Rare	Rare							

Joa	<i>Pennisetum glaucum</i>					Plenty	Plenty							
Sarso	<i>Brassica juncea</i>	Mustard				Plenty	Plenty							
pulses (Mash)	<i>Vigna mungo</i>					Rare	Rare							
Okra	<i>Abelmoschus esculentus</i>	Bhandi				Rare	Rare							
Bottle guard	<i>Lagenaria siceraria</i>					Rare	Rare							
Cauliflower	<i>Brassica oleracea var. botrytis</i>	Gobi				Rare	Rare							

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, Aloocho	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer		<i>Fresh fruit,</i>		Farmer/ Department of Horticulture
Walnut	<i>Juglans regia</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy		<i>Dry Fruit</i>		Farmer/ Department of Horticulture
Pomegranate	<i>Punica aranatum</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

Kainth	<i>Pyrus pashia</i>	Kainth	Desi/ Local	Mid hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Quince	<i>Cydonia Oblonga</i>	Bahie		High hills			Govt. Nursery/ Private Registered Nry	Rainy		Dry fruit seed		Farmer/ Department of Horticulture
Grapes	<i>Vitis Vinifera</i>	Angoor	Desi	Agricultural Land			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>Avinasativa</i>	javi	Kent	Sub-tropical, Semi-tropical & Temperate	2 Ha.	plenty, in wild habitat	Plenty	Suitable for fodder	Rabi	Grain/seed used for favour leave stem for fodder	Nutritious and palatable fodder	Local Seed Deptt. Seed
Bajra	<i>Fennisetum glacicum</i>	Bajra		Sub-tropical, Semi-tropical & Temperate	3 Ha.	Local varieities	improved plenty varities	Suitable for fodder	Khariief	leaves and stem	Nutritious and palatable fodder	Local Seed Deptt. Seed
Sorghum	<i>Sorghum bicolor</i>	Charri		Sub-tropical, Semi-tropical & Temperate	3Ha.	Local varieities	improved plenty varities	Green Dry Fodder	Khariief	leaves and stem	Rich source of Energy Nutritious fodder	Local Seed Deptt. Seed
Onion	<i>Allium cepa</i>	piyaz	Pussa red ,N53 and local varieties	Sub-tropical, Semi-tropical & Temperate	1 Ha,	Plenty	Plenty	Disease resistant, spicy in flavour	Rabi	used as spice		Local Seed Deptt. Seed
	<i>Celtis australis</i>	Kharak		Temperate		Rare	Rare					
	<i>Melia azedarach</i>	Draink		Temperate		Rare	Rare					
	<i>Salix alba</i>	Veer		Temperate		Abundant	Abundant					
	<i>Quercus diliata</i>	Mohser		Temperate		Rare	Rare					
	<i>Quercus incana</i>	Banj		Temperate		Rare	Rare					
	<i>Morus alba</i>	Tul		Temperate		Rare	Rare					
	<i>Robinia psuedoacacia</i>	Kikar		Temperate		Rare	Rare					

FORMAT - 4 : WEEDS

1	2	3	4	5	6	7		8	9	10	11	12
Crop	Scientific Name	Local Name	Affected Crops	Impact	Landscape/Habitat	Local Status		Uses if any	Management Option	Associated TK	Other Details	Community/ Knowledge Holder
						Past	Present					
Maize	<i>Cynodon dactylon</i>	<i>Bamunda Grass</i>	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 & intermediate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbicides	Nil	Nil	No. TK with knowledge of weed
	<i>Commelina benghalensis</i>	Kaun Makki	Maize		Hilly and Temperate & intermediate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbicides	Nil	Nil	No. TK with knowledge of weed
	Cyprus rotundus	Dila	Maize		Hilly and Temperate & intermediate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbicides	Nil	Nil	No. TK with knowledge of weed
	<i>Digera arvensis</i>	Tandla	Maize		Hilly and Temperate & intermediate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbicides	Nil	Nil	No. TK with knowledge of weed
	<i>Acrachne racemosa</i>	makra	Maize		Hilly and Temperate & intermediate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers		Manual control/ chemical management through herbicides	Nil	Nil	No. TK with knowledge of weed
	Chenopodium album	Battua	Maize		Hilly and Temperate & intermediate ar of district	No weed management	Weed mgmt. on scientific lines being followed by farmers	Used as vegetable	Manual control/ chemical management through herbicides	Nil	Nil	No. TK with knowledge of weed

Wheat	Chenopodium album	Bathua	Wheat		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	of protein vitamin A, Calcium , Potasssium & Phosphorou	local	No. TK with knowledge of weed
	Avena Fatua	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
	Phlalaris Minor	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	Parthenimum hysterochorous	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
	Vicia hirsua	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

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. Destruction of infected plant and removal of dead herts 3. Chemicals management through insecticides	Nil	Nil	Nil
	Cob Worm	<i>Helicoverpa 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	Aphid	<i>Lipasphis erisyimi</i>		mustard	Mustard	1. Avoid late sowing a excessive use of nitrogen fertilizers crop should be sown before 20th oct. 2. Need base spray of dimethoate 30 EC or Methyl Demetone 25 EC	Nil	Nil	Nil

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 8 : Landscape

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											
Forest Land			Forest Land	20%	Govt/Private	Wild plantation	Insect and Amphibian	Unknown	Unknown				
Cultivated land			Cultivated land	45%	Agriculturely Land is privately owened.	Plant. Some wild plant	Insect	Nil	Unknown				Low income communitis
Non-Cultivated Land			Non-Cultivated Land	35%	Govt/Private	Plant. Some wild plant	Insect	Available for farming cattle rearing. Rat catching	Unknown				Low income communitis
Grazing land			Grazing land	35%	Private	Plant. Some wild plant	Insect	Unknown	Unknown				Low income communitis
Irregated Land			Irregated Land	5%	Government	Wild Plant	Insect and Amphibian	Unknown	Unknown				Low income communitis
Non-Irregated Land			Non-Irregated Land	40%	Government	Wild Plant	Insect and Amphibian	Unknown	Unknown				Low income communitis

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
Stream	Batroo		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
Canals	Neel to Hewgon		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
Nalas	Hewgon		Panchayat and Govt Dept.	All crops including fruits, vegetables, flowers	Frog, Tadpoles, Fishes Water snake	Irrigation	Farmer	Check Dams	For irrigation and drinking of domestic animal	Unknown	Unknown	Local Villagers
Khads	Batroo		Gram Panchayat	Mostly Bryophytes and Pteridophytes	Frog, Tadpoles, Fishes Water snake	Irrigation	Farmer	Check Dams	For irrigation and drinking of domestic animal	Unknown	Unknown	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	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			

DOMESTICATED BIODIVERSITY

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	<i>Malus domestica</i>	Saib	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	<i>Pyrus communis</i>	BaguGosha, Nakh, Nashpati	Red Bartlett, Punjab Beauty, PatharNakh, Star Krimson	Mid hills to High hills	-	-	Do	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture
Peach	<i>Prunus persica</i>	Aaroo	FLA 16/13 July Alberta, Quetta, Florida sum, FloridaPrenice	Lower hills upto High hills	-	-	Do	Summer	-	Fresh Fruit		Farmer/ Department of Horticulture
Apricot	<i>Prunus armeniaca</i>	Khobani, Sarri	Bebco, Harkat	Lower hills upto High hills	-	-	Do	Summer	-	Fresh Fruit		Farmer/ Department of Horticulture
Plum	<i>Prunussaliciana</i>	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloocha	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
Pecannut	<i>Caryailli noensis</i>	Pacannut	Stuart, Wastern Shelley, Descrable	Mid hills	-	-	Govt. Nursery	Rainy	-	Dry Fruit		Farmer/ Department of Horticulture

Quince	<i>Cydonia oblonga</i>	Bahie	Iraniam, Kashmiri Mumm	High hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Dried fruits/ seeds		Farmer/ Department of Horticulture
Olive	<i>Olea europaea</i>	Zaitoon	Carolea, Coratina Frontoio,	Mid hills	-	-	Govt. ACHD Ramban	Rainy	-	Oil		Farmer/ Department of Horticulture
Persimmon	<i>Diospyrus kaki</i>	Amlook	Fuyu, Jiro, Hachia	Mid hills	-	-	Govt. Nurseries	Rainy	-	Fresh/Dry Fruit		Farmer/ Department of Horticulture
Lime	<i>Citrus aurantifolia</i>	Nimboo	Kagzi, Eureka lime, Baramasi	Lower hills upto Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Around the year	-	Fresh Fruit	-	Farmer/ Department of Horticulture
Pomegranate	<i>Punica granatum</i>	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Anardana		Farmer/ Department of Horticulture
Fig	<i>Ficus carica</i>		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	Community/ Know.
						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		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	Dand jari	<i>Rhodiola himalensis</i>	Local	3600- 4500m/ Temperate	seeds	rare	Rare	Reduce fatigue , depression and anxiety, altitude sickness	all parts of the plant			Generally, held by community
Herb	Sapp Google	<i>Arisaema flavum</i>	Local	3500- 4000m/ Temperate	Seeds	rare	rare	Expectorent,tetanus,epileps y 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	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
Trees	Tul	<i>Morus nigra</i>	Temperate	Abundant	Abundant	Wild/ home- garden	Commercial	Sericulture	Nil	Generally, held by community
Trees	veer	<i>Salix alba</i>	Temperate	Abundant	Abundant	Home Garden	Own	Nil	Nil	Generally, held by community
Trees	Banj	<i>Quercus incana</i>	Temperate	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community
Trees	Mohru	<i>Quercus dilitata</i>	Temperate	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community
Trees	Drankh	<i>Melia azedarach</i>	Temperate	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
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	Gaay	<i>Bos spp.</i>	Hybrid/ Local	High Milk Yield	Domesticated	Plenty	Plenty	Milk				
Buffalo	Bhains	<i>Bubalus spp.</i>	Local	Milk	Domesticated	Rare	Rare	Milk				
Dog	Kutta	<i>Canis lupus familiaris</i>	Hybrid/ Local	Pet	Domesticated	Rare	Rare	Guarding				
Cat	Billi	<i>Felis spp.</i>	Local	Pet	Domesticated	Rare	Rare					
Horse	Ghoda	<i>Equus caballus</i>	Local	Pet	Domesticated	Rare	Rare	Carriage				
Mule	Kachar	<i>Equus asinus</i> × <i>Equus caballus</i>	Local	Pet	Domesticated	Rare	Rare	Carriage				
Donkey		<i>Equus asinus</i>	Local	Pet	Domesticated	Rare	Rare	Carriage				

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

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

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	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
Bush		<i>Sambucus ebulus</i>	Shrub	Lesser Himalayas	rare	Rare	Own Use			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>Rubus ellipticus</i>		Lesser Himalayas	Abundant	Abundant	Own Use	fruit		Nil	Generally held by the community
Climber		<i>clermatis 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
Climber		<i>Vitis spp</i>	Climber	Lesser Himalayas	Abundant	rare	Own Use	fruit		Nil	Generally held by the community

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	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	Sapp Google	<i>Arisaema flavum</i>	Local	Expectorent, tetanus, epilepsy ets	Endangered
4	Fakil	<i>Ferula communis</i>	Local	antidiabetic, antiproliferative, Antimicrobial.	Abundant

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				
Indian Bull Frog	<i>Hoplobatrachustigerinus</i>	Local		Streams, Springs & Ponds	Abundant	Abundant	N.A	N.A	N.A	N.A
Small Paa Frog	<i>Nanoranaminica</i>	Local		Streams, Springs & Ponds	Abundant	Abundant	N.A	N.A	N.A	N.A

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

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Duckweed	<i>Lemna minor</i>	local	blocked nose & inflammation	
2	Rootless duckweed	<i>Wolffia arrhiza</i>	local	Fish farming and water purification	
3		<i>Azolla</i>	local	Fodder for ducks ,chicken	
4	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	abundant	Rare	seeds	Antirheumatic, Astringent, demulcent & Emollient, wound Healing	Leaves	Antirheumatic	
Herb	Bhang	<i>Cannabis sativa</i>	Local	cosmopolitan/Temperate	abundant	abundant	seeds	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	rare	rare	Seeds	Expectorent, tetanus, epilepsy ets	whole plant		
Herb	Suchal	<i>Malva neglecta</i>	Local	1500-4000/Temperate	abundant	abundant	seeds	antiphlogistic , astringent, laxative, leaves and floerss can be eaten as a diet	Al parts of the plant	digestive disorders and laxative	
Herb	Soi	<i>Urtica dioica</i>	Local	everywhere/Temperate	abundant	abundant	Seeds	arthritis,, prostatic hyperplasia, to ntreat urinary problems	Leaves and stem	Arthritis	
Herb	Crown lily	<i>Fritillaria imperialis</i>	Local	2000-3000m/Temperate	rare	rare	Bulb	Expectorent, increases brest milk	Bulb		
Herb	Datur	<i>Datura strimonium</i>	Local	1400-2500m/Temperate	Abundant	Abundant	Seeds	Antispasmodic, antihelmenthic, aanti-inflammatory	seeds m Root and fruit	Antispasmodic	
herb	Wan jawain	<i>Thymus linearis</i>	Local	2000-4000m/Temperate	abundant	abundant	seeds	Antispasmodic, gastrointestinal problems, respiratory disorders and many more	Seeds		
Herb	Kasrod	<i>Diplazium esculentum</i>	Local	1700-3500m/Temperate	abundant	abundant	rhizome and spores	Laxative, treatment of Cough etc	FronDs, Rhizomes	eating	

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
Wild Strawberry	<i>Fragaria nubicola</i>	<i>Fragaria ananassa</i>	Scattered in forest	Rare	Fruit	Fruit	Fruit		Generally, held by community
Jungli putna	<i>Mentha arvensis</i>	<i>Mentha longifolia</i>	Along the Nalla's	Abundant	Medicinal use	Leaf	chutney		Generally, held by community
wan-pran	<i>Allium humile</i>	<i>Allium sativum</i>	Scattered in forest	Rare	Vegetable	leaves	vegetable		Generally, held by community
Foxtail millet	<i>Setaria viridis</i>	<i>Setaria italica</i>	Scattered in forest	Abundant	Fodder	Leaf	Fodder		Generally, held by community
False barley	<i>Hordeum murinum</i>	<i>Hordeum vulgare</i>	Scattered in forest	Abundant	Fodder	Leaf	Fodder		Generally, held by community
Wheat grass	<i>Agropyron sps</i>	<i>Triticum sps</i>	Scattered in forest	Abundant	Fodder	Leaf	Fodder		Generally, held by community
Sochal	<i>Malva sylvestris</i>	<i>Malva sylvestris</i> <i>L.sterile</i>	Scattered in forest	Abundant	vegetable	Leaf	vegetable		Generally, held by community

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
S.No.	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
1	Veer	<i>Salix alba</i>	Local	Locally present	Abundant	abundant	use for teeth Cleaning/Medicinal Purpose	Twigs	-	-	Generally, held by community
2	Akhroot	<i>Juglanis regia</i>	Local	Locally present	Abundant	Abundant	use for teeth Cleaning/Medicinal Purpose	Twigs and bark	-	-	Generally, held by community
3	Banj	<i>Quercus incana</i>	Local	Locally present	Rare	Rare	use for teeth Cleaning	Twigs			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/ Knowledge Holder
			Past	Present				
Akhroot	<i>Juglans regia</i>	Temperate	Abundant	Abundant	Fruit edible	Bark and twigs used for teeth cleaning		Generally, held by community
Tul	<i>Morus nigra</i>	Temperate	Abundant	Abundant	Fruit edible	Unknown		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
Banj	<i>Quercus incana</i>	Temperate	Rare	Rare	Fodder, firewood	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	Beach of Stone Marten	<i>Martes foina</i>	Forest/ village		All season	Rare	Rare	-	Unknown	-	-	Generally, held by community
Mammals	Jackal	<i>Canis aureus</i>	Forest/ village		All season	Rare	Rare	-	Unknown	-	-	Generally, held by community
Mammals	Jungle Cat	<i>Felis chaus</i>	Forest/ village		All season	Rare	Rare	-	Unknown		-	Generally, held by community
Mammals	Leopard	<i>Panthera pardus</i>	Forest/ village		All season	Rare	Rare	Illegal trade of skin	Nail, hair used to keep away black magic;	Illegal hunting by shooting, poisoning	-	Generally, held by community
Mammals	Long Tailed Marmot	<i>Mamot caudate</i>	Forest/ village		All season	Rare	Rare	-	Unknown	-	-	Generally, held by community
Mammals	The Indian Fox	<i>Vulpes bengalensis</i>	Forest/ village		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	Five Stripped Palm Squirrel	<i>Funambulus Penanti</i>	Forest/ village		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The Indian Field Mouse	<i>Mus booduga</i>	Forest/ village		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The Indian Procupine	<i>Hystrix indica</i>	Forest/ village		All season	Rare	Rare		Unknown	Illegal hunting by shooting, trapping		Generally, held by community
Mammals	The Rhesus Macaque	<i>Macaca mulatta</i>	Forest/ village		All season	Rare	Rare		Unknown			Generally, held by community

Birds	Bearded vulture or Lammergeier	<i>Gypaetus barbatus</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Black-naped green wood-pecker	<i>Picus canus</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Blue rock pigeon	<i>Columba livia</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Brown dipper	<i>Cinclus pallasii</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Chukar partridge	<i>Alecturus chukar</i>	Forest/ village		All season	occasional	occasional	-	Unknown	Illegal hunting by shooting, trapping	-	Generally, held by community
Birds	Cinamon tree sparrow	<i>Passer rutilans</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Common kingfisher	<i>Alcedo atthis</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Common myna	<i>Acridotheres tristis</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Crested black tit	<i>Parus melanolophus</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Eagle owl	<i>Bubo bubo</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Gold billed blue magpie	<i>Urocissa flavirostris</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Green backed tit	<i>Parus monticolus</i>	Forest/ village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Griffon vulture	<i>Gyps fulvus</i>	Forest/ village		All season	Rare	Rare		Unknown			Generally, held by community

Birds	Himalayan pied wood-pecker	<i>Dendrocopos himalayensis</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Himalayan tree-creeper	<i>Certhia discolor</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	House sparrow	<i>Passer domesticus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Jungle crow	<i>Corvus macrorhynchos</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Koel	<i>Eudynamis scolopacea</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Pariah kite	<i>Milvus migrans govinds</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Peregrine	<i>Falco peregrines</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Pied or white wagtail	<i>Motacilla alba</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Plumbeous water-redstart	<i>Rhyacornis fuliginosus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Red jungle fowl	<i>Gallus gallus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Rose ringed parakeet	<i>Psittacula krameri</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Rufous tristle dove	<i>Streptopelia orientalis</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Scaly-bellied green wood-pecker	<i>Picus squamatus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community

Birds	Slaty blue flycatcher	<i>Muscicapa leucomelana</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Slaty-headed parakeet	<i>Psittacula himalayana</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Sparrow hawk	<i>Accipiter nisus nisosimilis</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Spotted forktail	<i>Enicurus maculates</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Starling	<i>Sturnus vulgaris</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Swallow	<i>Hirundo rustica</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Swift	<i>Apus apus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Tickells leaf-warbler	<i>Phylloscopus affinis</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Tree sparrow	<i>Passer montanus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Tytler's leaf-warblers	<i>Phylloscopus tytleri</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Variiegated laughing thrush	<i>Garrulax variegates</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Western tragopan	<i>Tragopan melanocephalus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	White breasted kingfisher	<i>Halcyon omyrnensis</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community

Birds	White checked bulbul	<i>Pycnonotus leucogenys</i> <i>Leucogenys</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	White checked nuthatch	<i>Sitta leucopsis</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	White throated tit	<i>Aegithalos leucogenys</i>	Forest/ village		All season	Rare	Rare		Unknown			Generally, held by community
Birds	White-breasted dipper	<i>Cinclus cinclus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	White-browed rosefinch	<i>Carpodacus thura</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	White-capped water-redstart	<i>Chairmarrornis leucocephalus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	White-winged redstart	<i>Phoenicurus erythrogaster</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Wren	<i>Troglodytes troglodytes</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Wryneck	<i>Jynx torquilla</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Yellow wagtail	<i>Motacilla flava</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Yellow-headed wagtail	<i>Motacilla citreola</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Wren	<i>Troglodytes troglodytes</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Wryneck	<i>Jynx torquilla</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community

Birds	Yellow wagtail	<i>Motacilla flava</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Birds	Yellow-headed wagtail	<i>Motacilla citreola</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Himalayan bent toad Gecko	<i>Cyrtodactylus himalayanus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Lawder's bent toad gecko	<i>Cyrtodactyluslawderanus</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Baltistan gecko	<i>Altiphylaxstoliczkai</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Thin toad gecko	<i>Cyrtopodionmontium salsorum</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Kashmir rock agama	<i>Laudakiatuberculata</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Himalayan Agama	<i>Paralaudakiahimalayana</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Oriental garden lizard	<i>Calotescf. versicolor</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Theobald's toad-headed agama	<i>Phrynocephalus theobaldi</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Ladakh ground skink	<i>Asymblepharusladacensis</i>	Forest/ village		All season	Common	Common		Unknown			Generally, held by community

Format 29:Flora

1	2	3	4	5	6	7
S. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)
No Urban Area in this Panchayat						

Format 30: Fauna

1	2	3	4	5	6	7
Animal Type	Local Name	Scientific Name	Type of Animals (Mammal/Bird/Fish/Insect etc.)	Habitat	Flowering Season	Remarks (Rare / Common etc.)
Sujmatna-B panchayat does not fall in Urban area.						

Note: Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 31: Any other information of local importance

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

End of Part II