

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti :- Bajmasta

Taluk: Ramssoo

District:Ramban

State:J&K

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total 2600

Male 1200

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: Ajeeet Singh S\o Shib Ram.

Age: 40yrs

Gender: Male

Address: Bajmasta

Area of specialization: Agriculture

2) Name: Dharam singh S\o Prebdhayal

Age: 62yrs

Gender: Male

Address: Bajmasta

Area of specialization: Agriculture

3)Name: Jaswant Singh S\o SurranChand

Age: 45yrs

Gender: Male

Address: Bajmasta

Area of specialization: Agriculture

4)Name: Budhi Singh S\oKamal

Age: 70yrs

Gender: Male

Address: Bajmasta

Area of specialization: Agriculture

5)Name: Sewa Singh S\o Vijay singh

Age: 42yrs

Gender: Male

Address: Bajmasta

Area of specialization: Agriculture

6)Name: Baldev singh S\o Shibdtita

Age: 70yrs

Gender: Male

Address: Bajmasta

Area of specialization: Agriculture

7)Name: Hassnik S\o kamal

Age: 45yrs

Gender : Male

Address: Bajmasta

Area of specialization: Agriculture

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 : Hem Raj S\o Thaker Dass

Age: 61yrs

Gender: Male

Address: Bagmastta

Area of specialization: Agriculture

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: Pnkhmo devi W\o Shanker Dass

Age: 70yrs

Gender: Female

Address: Bajmasta

Area of specialization: Agriculture

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name: Prithvi Singh S\o Reseela Ram

Age: 45yrs

Gender: Male

Address: Bajmasta

Area of specialization: Tradional Healthcare

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:** Mohan Singh S\o Beli Ram

Age: 39yrs

Gender: Male

Address: Bajmasta

Area of specialization: Agriculture

2) **Name of the Chairperson:** Lal Chand S\o Kamal

Age: 55yrs

Gender: Male

Address: Bajmasta

Area of specialization: Agriculture

3) **Name of the Chairperson:** Jaswant Singh S\o Prebdhayal

Age: 35yrs

Gender: Male

Address: Bajmasta

Area of specialization: Agriculture

4) **Name of the Chairperson:** Gulab Singh S\o Jodha Ram

Age: 30yrs

Gender: Male

Address: Bajmasta

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:** Ram Singh S/o Shib Ram 9622121146

Name and Address: M/S Bajmasta

2) **Contact Person:** Anoop Singh S/o Ram Singh

Name and Address: M/S Bajmasta Teacher

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/ Kukri		Lowland valleys		Plenty	Rare							
Wheat	<i>Triticum</i>	Kanak		Lowland valleys		Plenty	Rare							
Knol Knol	<i>Brassica oleracea</i>	Kadam		Lowland valleys		Plenty	Rare							
Potato	<i>Solanum tuberosum</i>			Lowland valleys		Rare	Rare							
Tomato	<i>Solanum lycopersicum</i>			Lowland valleys		Plenty	Rare							
Rajma	<i>Phaseolus vulgaris</i>			Lowland valleys		Rare	Rare							
Joa	<i>Pennisetum glaucum</i>			Lowland valleys		Plenty	Rare							
Sarso	<i>Brassica juncea</i>	Mustard		Lowland valleys		Plenty	Plenty							

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 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

Kainth	<i>Pyrus pashia</i>	Kainth	Desi/ Local	Mid hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		
Quince	<i>Cydonia Oblonga</i>	Bahie		High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		
Grapes	<i>Vitis Vinifera</i>	Angoor	Desi	Agricultural Land			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		

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	Kharief	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	Kharief	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
Garlic	<i>Allium sativum</i>	Thom	Yamuna, German white gatha thorn	Sub-tropical, Semi-tropical & Temperate	1 Ha,	Plenty	Plenty	Disease resistant, spicy in flavour	Rabi	used as spice	Medicinal Value	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 dilitata</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>	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
	Cyprus rotundus	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
	Chenopodium album	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	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 hysterophorous	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 ploughing 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 sprav of carbrvbl 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	55%	Agriculturely Land is privately owned.	Plant. Some wild plant	Insect	Nil	Unknown				Low income communitis
Non-Cultivated Land			Non-Cultivated Land	25%	Govt/Private	Plant. Some wild plant	Insect	Available for farming cattle rearing. Rat catching	Unknown				Low income communitis
Grazing land			Grazing land	20%	Private	Plant. Some wild plant	Insect	Unknown	Unknown				Low income communitis
Irrigated Land			Irrigated Land	0%	Government	Wild Plant	Insect and Amphibian	Unknown	Unknown				Low income communitis
Non-Irrigated Land			Non-Irrigated Land	55%	Government	Wild Plant	Insect and Amphibian	Unknown	Unknown				Low income communitis

Provide a brief description of landscapes such as forests, 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
Stream			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 deepening of tanks beds.	For Drinking, washing clothes	Unknown	Unknown	General people of village
Canals			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
Nalas			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			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

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			

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>Malusdomestica</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>Pyruscommunis</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>Prunuspersica</i>	Aaroo	FLA 16/13 July Alberta, Quetta, Florda sum, FlordaPrenice	Lower hills upto High hills	-	-	Do	Summer	-	Fresh Fruit		Farmer/ Department of Horticulture
Apricot	<i>Prunusarmeniaca</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, Aloochoa	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer	-	Fresh fruit,		Farmer/ Department of Horticulture
Walnut	<i>Juglansreja</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Dry Fruit		Farmer/ Department of Horticulture
Pecannut	<i>Caryaillinoensis</i>	Pacannut	Stuart, Western Shelley, Descrable	Mid hills	-	-	Govt. Nursery	Rainy	-	Dry Fruit		Farmer/ Department of Horticulture

Quince	<i>Cydoniaoblonga</i>	Bahie	Iraniam, Kashmiri Mumm	High hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Dried fruits/ seeds		Farmer/ Department of Horticulture
Olive	<i>Oleaeuropea</i>	Zaitoon	Carolea, CoratinaFrontoio,	Mid hills	-	-	Govt. ACHD Ramban	Rainy	-	Oil		Farmer/ Department of Horticulture
Persimmom	<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>Punicagranatum</i>	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Anardana		Farmer/ Department of Horticulture
Kiwi	<i>Actinidiadeliciosa</i>	Kiwi	Allison, Abbot, Tomuri, Hayward	Mid hills upto High hills	-	-	ACHD Ramban	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture
Fig	<i>Ficuscarica</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	Agg jari	<i>Saxifraga jacquemontiana</i>	Local	alt. 4000-5000m/Temperate	seeds	Rare	Rare	Kidney Stones				Generally, held by community
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	Banafsha	<i>Viola odorata</i>	Local	1500-3000m/Temperate	seeds and runners	abundant	abundant	Cough, Cold, Bronchitis, headache,	flower	cough, Cold and Fever		Generally, held by community
Herb	Wan wangoun/Bankkadi/Himalayan May Apple	<i>Podophyllum hexandrum</i>	Local	Alt.2000-4000m/Temperate	seeds and roots stocks	Rare	Critically endangered	Cancer, Gonorrhoea, Typhoid fever, vermifuge	Rhizomes and Roots			Generally, held by community
Herb	Belladonna/Deadly Night shade	<i>Atropa belladonna</i>	Local	2000-3500m/Temperate	seeds	rare	rare	anticholinergic and antispasmodic, irritable bowel syndrome, eye drops	All parts of the plant	Pain reliever, anti-inflammatory		Generally, held by community
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		Generally, held by community
Shrub	Chalander/Kulmach	<i>Viburnum grandiflorum</i>	Local	1500-4000m/Temperate	seeds	abundant	abundant	seeds are Digestive and expectorant	seeds			Generally, held by community

Herb	Choorā	<i>Angelica glauca</i>	Local	1800-3700m/ Temperate	seeds and roots	rere	rare	aromatic	Root	snake removal		Generally, held by community
Herb	Chukri/ Pambtsalan	<i>Rheum austral</i>	Local	3200-4000m/ Temperate	seeds	rare	endangered	antisposmodic, antotumour, cholagogue, astringent, gallblader problems etc	Root			Generally, held by community
Creeper	Chuku/Changeri	<i>Oxalis corniculata</i>	Local	cosmopolitan	seed & underground bulbilis	abundant	abundant	source of vit-c, Scurvy, Influenza	leaves	paste of leaves used as antidote for snake poisoning		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	Ephedra	<i>Ephedra Gerardiana</i>	Local	2400-5000m/ Temperate	seeds	rare	rare	Cold, coughs, asthma, arthritis				Generally, held by community
Herb	Guggal	<i>Jurinea dolomiaea</i>	Local	1600-4000/ Temperate	Seeds	Rare	rare	decoction of root is cordial, treatment of fevers, etc				Generally, held by community
Herb	Handh	<i>Taraxacum officinale</i>	Local	Everywhere/ Temperate	seeds and roots	abundant	abundant	Diuretic, hepatic, Laxative, Cholagogue, antibiotic, against yeast infection etc	Roots and leaves			Generally, held by community
Herb	Hillu	<i>Impatiens glandulifera</i>	Local	1800-3000m/ Temperate	Seeds	rare	rare	relieving Anxiety and stress	whole plant			Generally, held by community
Shrub	Kaimal/kawdachh	<i>Berberis lyceum</i>	Local	1500-3500/ Temperate	Seeds	Abundant	abundant	remedy for swollen and sore eyes, broken bones, diaphrotic and febrifuge etc	whole plant			Generally, held by community

Herb	Kahzaban	<i>Arnebia benthami</i>	Local	3000-4500m/ Temperate	Seeds	rare	rare	tongue and throat diseases, stimulant , diuretic,expectorent,antipyra- tic	whole plant	throat diseases, fever		Generally, held by community
Herb	Kalishadi	<i>Daphne oleoides</i>	Local	1700-2300/ Temperate	Seeds	rare	rare	treatment of cutaneous infections, gonorrhoea	bark and leaves			Generally, held by community
Shrub	Kanhaji	<i>Sorbaria tomentosa</i>	Local	1800-2700m/ Temperate	Seeds, cuttings,Suc- kers	rare	rare	Asthma	Fruits and Stems			Generally, held by community
Herb	Kim	<i>Morina longifolia</i>	Local	1600-2500m/ Temperate	Seeds	rare	rare	stomic disorders and indigestion and emetic				
Shrub	Kareel/ Kaimbul/ Chownpal	<i>Berberis aristata</i>	Local	1500-3500m/ Temperate	Seeds	Abundant	Abundant	Treatment of eye and skin diseases, malaria, diarrhea, antibacterial effects, jaundice, dysentery	Fruits used as digestive tonic			
Herb	Kinns	<i>Dioscorea deltoidea</i>	Local	2000-3200mv	Tubercles, Bulbulis	rare	rare	ophthalmi infections, treayment of ,roundworms , progesteron,Contraceptives,	Roots, tubers			
Herb	Kour	<i>Picrorhiza Kurrooa</i>	Local	2700-4500/ Temperate	seeds & Rhizome	rare	extinct	all forms of liver damage, against hapatitis c, wound healng,asthama,	Rhizome			
Herb	Kuth	<i>Saussurea lappa</i>	Local	2500-300m/ Temperate	seed/root	rare	c.endangere d	Carminitive , aphrodisitic,antihelimenthic, headaches, asthma,paralysiss, diseases of liver and kidney,etc	Root			

Shrub	Mori	<i>Delphinium roylei</i>	Local	2000-3500m/ Temperate	seeds	rare	rare	sedative, prevention of intestinal worms, & insomnia etc	leaves			
Herb	Mulam	<i>Inula royeleana</i>	Local	3100-4000m/ Temperate	seeds			fall in blood pressure, peristaltic movements of intestines	root			
Herb	Murma	<i>Valeriana dubia</i>	Local	1500-3500m/ Temperate	Seeds and roots			Nervous disorders, insomnia, prevention in menstrual disorders	Root and Rhizome			
Herb	Nag Rus/sweet flag	<i>Acorus calamus</i>	Local	1500-4000m/ Temperate	Rhizome	rare	rare	Gastrointestinal disease	Rhizome	Digestive disorders and pain		
Herb	Neel Kanth/Bugle	<i>Ajuga bracteosa</i>	Local	700-4000m/ Temperate	seed	rare	rare	Gastric problems, abdominal pain, substitute for quinine	Leaves			
Herb	Nichni	<i>Rhododendron campannalatum</i>	Local	3000-4500/ Temperate	seeds, Stem cutting	rare	rare	olds and headaches, rheumatism, sciatica, syphilis	leaves	Heerbal tea		
Herb	Patish	<i>Aconitum heterophyllum</i>	Local	2000-3000m/ Temperate	Seeds	rare	rare	Antidote for Snake bite	Root			
Tree	Postul	<i>Taxus baccata</i>	Local	1800-3300m/ Temperate	seeds	rare	rare	Anticancer Drugs	bark			
Herb	Sapp Google	<i>Arisaema flavum</i>	Local	3500-4000m/ Temperate	Seeds	rare	rare	Expectorent, tetanus, epileps y ets	whole plant			
Herb	Shemar	<i>Desmodium elegans</i>	Local	1200-4000m/ Temperate	Seeds	rare	rare	Cholera and peptic ulcers	root and bark			

Herb	Sheshak	<i>Rhabdosia rugosa</i>	Local	1500-3500m/ Temperate	Seeds	rare	rare	insecticide and vemicide, peptic ulcers prostrate cancer etc	whole plant			
Shrub	Shutenger	<i>Rhododendren anthopogon</i>	Local									
Herb	Suchal	<i>Malva neglecta</i>	Local	1500-4000/ Temperate	seeds	abundant	abundant	antiphlogistic , astringemt, laxative, leaves and floerss can be eaten as a diet	All parts of the plant	digestive disorders and laxative		
Herb	Tatnu	<i>Caltha palustris</i>	Local	1500-3500m/ Temperate	seeds & Rhizomes	Rare	Rare	antispasmodic, diaphrotic,antirheumatic, expectorent,, poltice of boils and sores etc	all parts of the plant			
Herb	Soi	<i>Urtica dioica</i>	Local	everywhere/ Temperate	Seeds	abundant	abundant	arthritis,, prostatic hyperplasia, to ntreat urinary problems	Leaves and stem	Arithritis		
Herb	Crown lily	<i>Fritillaria imperialis</i>	Local	2000-3000m/ Temperate	Bulb	rare	rare	Expectorent, increases brest milk	Bulb			
Herb	Datur	<i>Datura strimonium</i>	Local	1400-2500m/ Temperate	Seeds	Abundant	abundant	Antispasmodic,antiheliment hic, aanti-inflamatory	seeds m Root and fruit	Antispasmodic		
herb	Wan jawain	<i>Thymus linearis</i>	Local	2000-4000m/ Temperate	seeds	abundant	abundant	Antispasmodic, gastrointestinal problems,repiratory disorders and many more	Seeds			
Herb	Kasrod	<i>Diplazium esculentum</i>	Local	1700-3500m/ Temperate	rhizome and spores	abundant	abundant	Laxative, treatment of Cough etc	Fronds, Rhizomes	eating		

Herb	Waenie	<i>Pteris vitata</i>	Local	1500-3500/ Temperate	Rhizomes and spores	abundant	abundant	Dysentry	fronds			
Herb	Mid-posh/ peony	<i>Peonia officinale</i>	local	1500-4000m/ Temperate	Roots and Rhizomes	abundant	rare	Osteoarthritis, menstrual problems, respiratory tract problems	roots			
Herb	Fakil	<i>Ferula communis</i>	local	1800-2500m// Temperate	seeds	Abundant	rare	antidiabetic, antiproliferative, Antimicrobial.	Seeds			
Tree	Arkhol/Rhus	<i>Rhus toxicodendron</i>	local	2000-3500m/ Temperate	Seeds	Rere	Rare	Treatmentof Flu, cramps , Strains,restlessness leg syndrome	Bark and Seeds			

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	Deodar	<i>Cedrus deodara</i>	Temperate	abundant	Abundant	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	Tul	<i>Morus nigra</i>	Temperate	Abundant	Abundant	Wild/ home- garden	Commercial	Sericulture	Nil	Generally, held by community
Trees	Spruce	<i>Picea smythiana</i>	Temperate	Abundant	Rare	Wild	Own	Nil	Nil	Generally, held by community
Trees	Kail	<i>Pinus wallichiana</i>	Temperate	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community
Trees	Kikur	<i>Robina pseudoacacia</i>	Temperate	Abundant	Abundant	Wild	Commercial	Nil	Nil	Generally, held by community
Trees	Yew	<i>Taxus baccata</i>	Temperate	Rare	Rare	Wild	Own	Cancer drugs	Nil	Generally, held by community
Trees	Birch	<i>Betula utilis</i>	Temperate	Rare	Rare	Wild	Own	Nil	Nil	Generally, held by community
Trees	Champ	<i>Alnus nitida</i>	Temperate	rare	Rare	Wild	Own	Nil	Nil	Generally, held by community
Trees	Kharsu	<i>Quercus semicarpifolia</i>	Temperate	Rare	Rare	Wild	Own	Nil	Nil	Generally, held by community
Trees	Banj	<i>Quercus incana</i>	Temperate	Rare	Rare	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	Urni	<i>Corylus colurna</i>	Temperate	rare	Rare	Wild	Own	Nil	Nil	Generally, held by community
Trees	Tanji	<i>Pyrus pashia</i>	Temperate	Rare	Rare	Wild	Commercialn	Nil	Nil	Generally, held by community

Trees	veer	<i>Salix alba</i>	Temperate	Abundant	Abundant	home gardens	Commercial	Nil	Nil	Generally, held by community
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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>Ovisaries</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>Ovisaries</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>Caprahircus</i>	Local	Small size, Low body weight	Flock rearing	Plenty	Rare	Mutton, Wool and manure	Yes	Yes	Mutton,Wool, manure,Bones hides and gutt	Local and nomads
Goat	Bakri	<i>Caprahircus</i>	Kaghani (Bakerwali)	Large size, high body weight	Flock rearing	Rare	Plenty	Mutton, Wool and manure	Yes	Yes	Mutton,Wool, manure,Bones hides and gutt	Local and nomads
Goat	Bakri	<i>Caprahircus</i>	Beetal	Large size, high body weight	Flock rearing	Rare	Rare	Mutton, Wool and manure	Yes	Yes	Mutton,Wool, manure,Bones hides and gutt	Local and nomads
Cow	Gaay	<i>Bos spp.</i>	Hybrid/ Local	High Milk, Cow milk	Domesticated	Available	Available	Milk				

Ox	Bael	<i>Bos spp.</i>	Hybrid/ Local	Ploughing	Domesticated	Available	Available	Milk				
Buffalo	Bhains	<i>Bubalus spp.</i>	Hybrid/ Local	High Milk	Domesticated	Available	Available	Guarding				
Dog	Kutta	<i>Canis lupus familiaris</i>	Hybrid/ Local	Pet	Domesticated	Available	Available					
Cat	Billi	<i>Felis spp.</i>	Hybrid/ Local	Pet	Domesticated	Available	Available					
Poultry	Kukad	<i>Gallus gallus domesticus.</i>	Hybrid/ Local	Enriched meat	Backyard	Rare	Rare	Egg/ Meat				
Horse	Ghoda	<i>Equus caballus</i>	Hybrid/ Local	Pet	Domesticated	Rare	Rare	Carriage				
Mule	Kachar	<i>Equus asinus</i> × <i>Equus caballus</i>	Hybrid/ Local	Pet	Domesticated	Rare	Rare	Carriage				
Donkey		<i>Equus asinus</i>	Hybrid/ 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

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					
Herbs	Bladder Campion	<i>Silene vulgaris</i>	Herb	Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Herbs	Burdock	<i>Arctium lappa</i>	Herb	Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Herbs	Cinquefoil	<i>Potentilla argrophylla</i>	Herb	Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Herbs	Crame's bill flower	<i>Geranium pratense</i>	Herb	Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Herbs	Dandelion	<i>Taraxacum officinale</i>	Herb	Lesser Himalayas	Abundant	Abundant	Own Use	leaves and root	Medicinal plant	Nil	Generally held by the community
Herbs	Darnel grass	<i>Lolium temulentum</i>	Herb	Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Herbs	Granny's Bonnet	<i>Aquilegia fragrans</i>	Herb	Lesser Himalayas	Rare	Rare	Own Use	whole plant		Nil	Generally held by the community
Herbs	Groundsel	<i>Senecio</i>	Herb	Lesser Himalayas	Rare	Rare	Own Use		Medicinal plant	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	Larkspur	<i>Delphinium vestitum</i>	Herb	Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Herbs	May Apple	<i>Podophyllum hexandrum</i>	Herb	Lesser Himalayas	rare	rare	Own Use	root and fruits	Medicinal plant	Nil	Generally held by the community
Herbs	Mountain Sorrel	<i>Oxyria digyna</i>	Herb	Lesser Himalayas	Rare	rare	Own Use			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	Red Clover	<i>Trifolium pretense</i>	Herb	Lesser Himalayas	Abundent	Abundent	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	Wallich's Willow Herb	<i>Epilobium wallichianum</i>	Herb	Lesser Himalayas	rare	rare	Own Use			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	Pohu	<i>Parrotiopsis jacquemontiana</i>	Tree	Lesser Himalayas	Abundent	Abundent	Own Use	twigs	For making Kangris & Baskets	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
	Hum	<i>Fraxinus excelsa</i>	Tree	Lesser Himalayas	rare	rare	Own Use	stem		Nil	Generally held by the community
	Morhu	<i>Quercus dilatata</i>	Tree	Lesser Himalayas	Abundent	rare	Own Use	stem		Nil	Generally held by the community
	Heru	<i>Quercus ilex</i>	Tree	Lesser Himalayas	Abundent	rare	Own Use	stem		Nil	Generally held by the community
Herbs	Banafsha	<i>Viola canescens</i>	Herb	Lesser Himalayas	Abundent	Abundent	Own Use	flowers		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
Grass	Gebo grass	<i>Oryzopsis aquiglumis</i>	Grass	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
Tree	Spurce	<i>Picea smithiana</i>	Tree	Lesser Himalayas	Abundant	rare	Own Use	Stem		Nil	Generally held by the community
	Fir	<i>Abies pindrow</i>	Tree	Lesser Himalayas	Rare	rare	Own Use	Stem		Nil	Generally held by the community
Tree	Yew	<i>Taxus baccata</i>	Tree	Lesser Himalayas	rare	rare	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
Shrub		<i>Skimmia laurea</i>	Shrub	Lesser Himalayas	rare	Rare	Own Use			Nil	Generally held by the community
Herb	Wanwangun	<i>Podophyllum hexandrum</i>	Herb	Lesser Himalayas	Rare	Rare	Own Use	root and fruits	Medicinal plant	Nil	Generally held by the community

Herb		<i>Viola spp</i>	Herb	Lesser Himalayas	Rare	Rare	Own Use	flowers		Nil	Generally held by the community
Herb		<i>Anemone spp</i>	Herb	Lesser Himalayas	rare	rare	Own Use	seeds , root, fruit	Medicinal plant	Nil	Generally held by the community
Herb		<i>Phytolaca spp</i>	Herb	Lesser Himalayas	rare	rare	Own Use	whole plant		Nil	Generally held by the community
Tree	Arkhori	<i>Rhus succedenea</i>	Tree	Lesser Himalayas	rare	rare	Own Use		Medicinal plant	Nil	Generally held by the community
Tree	Junipers	<i>Juniperas recurva</i>	Tree	Lesser Himalayas	abundant	Abundant	Own Use			Nil	Generally held by the community
Tree	Birch	<i>Betula utilis</i>	Tree	Lesser Himalayas	Rare	Rare	Own Use	stem	paper making	Nil	Generally held by the community
Herb		<i>Potentilla</i>	Herb	Lesser Himalayas	Abundant	Abundant	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	Ban oak	<i>Quercus leucotrichophora</i>	Tree	Lesser Himalayas	rare	rare	Own Use	stem		Nil	Generally held by the community
Trees	Maru Oak	<i>Quercus dilalata</i>	Tree	Lesser Himalayas	Abundant	rare	Own Use	stem		Nil	Generally held by the community
Tree	Kharsu Oak	<i>Quercus semecarpifolia</i>	Tree	Lesser Himalayas	Tree	rare	Own Use	stem		Nil	Generally held by the community
Trees		<i>Alnus nepalensis</i>	Tree	Lesser Himalayas	Rare	rare	Commercial	stem		Nil	Generally held by the community
Trees	Bremij	<i>Caltis australis</i>	Tree	Lesser Himalayas	Abundant	rare	Commercial	stem		Nil	Generally held by the community
Shrub		<i>Dabregeasia hypoleuca</i>		Lesser Himalayas	rare	rare	Own Use			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	Warze	<i>Zizyphus jujube</i>		Lesser Himalayas	abundant	abundant	Own Use	fruit		Nil	Generally held by the community
Shrub		<i>Punica granatum</i>		Lesser Himalayas	rare	rare	Own Use	fruit		Nil	Generally held by the community

Herb		<i>Fragaria vesca</i>		Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Herb		<i>Girardinia heterophylla</i>		Lesser Himalayas			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
Trees		<i>Aesculus indica</i>	Trees	Lesser Himalayas	Abundant	rare	Own Use	stem and fruit		Nil	Generally held by the community
Trees		<i>Alnus nitida</i>	Trees	Lesser Himalayas	Abundant	rare	Own Use			Nil	Generally held by the community
Trees		<i>Ulmus wallichiana</i>	Trees	Lesser Himalayas	rare	rare	Commercial	stem		Nil	Generally held by the community
Trees	Tanji	<i>Pyrus pashia</i>	Trees	Lesser Himalayas	Abundant	rare	Commercial	stem		Nil	Generally held by the community
Trees	Urni	<i>Corylus colurna</i>	Trees	Lesser Himalayas	rare	rare	Own Use	stem		Nil	Generally held by the community
Trees		<i>Cederella spp</i>	Trees	Lesser Himalayas			Own Use	stem		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>Indigofera pulchella</i>		Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Trees		<i>Prinsepia utilis</i>		Lesser Himalayas	rare	rare	Own Use			Nil	Generally held by the community
Herbs		<i>Rumex hastatus</i>		Lesser Himalayas	Abundant	Abundant	Own Use	Root		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
Tree	Deodar	<i>Cedrus deodar</i>		Lesser Himalayas	Abundant	Abundant	Own Use	whole plant		Nil	Generally held by the community
Tree		<i>Populus ciliate</i>		Lesser Himalayas	Abundant	rare	Commercial	stem		Nil	Generally held by the community
Fungus		<i>Fomes pinii</i>		Lesser Himalayas	Rare	rare	Own Use			Nil	Generally held by the community
Parasite		<i>Arceuthobium minutissimum</i>		Lesser Himalayas	Rare	rare	Own Use			Nil	Generally held by the community

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
1	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
2	Agg jari	<i>Saxifraga jacquemontiana</i>	Local	Kidney Stones	Endangered
3	Gadikan/Ban tambaku	<i>Verbascum Thapsus</i>	Local	Antirheumatic, Astringent, demulcent & Emollient, wound Healing	Rare
4	Banafsha	<i>Viola odorata</i>	Local	Cough, Cold, Bronchitis, headache,	Threatened
5	Wan wangoun	<i>Podophyllum hexandrum</i>	Local	Cancer, Gonorrhea, Typhoid fever, vermifuge	C. Endangered
6	Belladonna/Deadly Night shade	<i>Atropa belladonna</i>	Local	anticholinergic and antispasmodic, irritable bowel syndrome, eye drops	Endangered
7	Bhang	<i>Cannabis sativa</i>	Local	Hempseed oil, Hallucinogenic, sedative, Analgesic, Anti-inflammatory, piles	Abundant
8	Bhutyata	<i>Corydalis gowaniana</i>	Local	Antidote, Febrifuge, Vermifuge, anti-inflammatory, Syphilis	Endangered
9	Blue poppy	<i>Meconopsis aculeata</i>	Local	analgesic and febrifuge,	Endangered
10	Metha Kafal	<i>Phytolacca acinosa</i>	Local	urinary disorders, nephritis, abdominal distension, boils and sores, antiasthmatic, antifungal, vermifuge etc	Threatened
11	Chalander/Kulmach	<i>Viburnum grandiflorum</i>	Local	seeds are Digestive and expectorant	Abundant
12	Chooraa	<i>Angelica glauca</i>	Local	aromatic	Endangered
13	Chukri/ Pambtsalan	<i>Rheum austral</i>	Local	antispasmodic, antotumour, cholagogue, astringent, gallbladder problems etc	Endangered
14	Chuku/Changeri	<i>Oxalis corniculata</i>	Local	source of vit-c, Scurvy, Influenza	Abundant
15	Dand jari	<i>Rhodiola himalensis</i>	Local	Reduce fatigue, depression and anxiety, altitude sickness	Endangered

16	Dhad Kopdi	<i>Bergenia Stracheyi</i>	Local	Kidney stones,gastrointestinal disorders, antifungal, antibacterial activities, anti-ulceeretc	Rare
17	Ephedra	<i>Ephedra gerardiana</i>	Local	Cold, coughs, asthma, arthritis	Endangered
18	Feku	<i>Ficus palmate</i>	Local	Fruit is demolescent,laxative, used in diseses of lungs and bladder.	Threatened
19	Gaddo	<i>Salvia moorcroftiana</i>	Local	treatment of colds and cougs, dysentry, colic and boils, dressing for wounds	Abundant
20	Guggal	<i>Jurinea dolomiaea</i>	Local	decoction of root is cordial, treatment of fevers, etc	Threatened
21	Gul-e-snohar	<i>Geranium wallichianum</i>	Local	Peptic ulcers and Tooth aches, to stem the bleeding cuts.	Threatened
22	Hamesh bahar	<i>Calendula officinalis</i>	Local	Antiviral, antiinflammatory, Antiseptic, healing faster, relieving diaper rash	Threatened
23	Handh	<i>Taraxacum officinale</i>	Local	Diuretic, hepatic, Laxative,Cholagogue, antibiotic, against yeast infecrion etc	Abundant
24	Hillu	<i>Impatiens glandulifera</i>	Local	relieving Anxiety and stress	Rare
25	Jarjam	<i>Sanecio chrysanthemoides</i>	Local		Endangered
26	Kaimal/kawdachh	<i>Berberis lyceum</i>	Local	remedy for swollen and sore eyes, broken bones, diaphrotic and febrifuge etc	Abundant
27	Kahzaban	<i>Arnebia benthami</i>	Local	tongue and throat diseases, stimulant , diuretic,expectorent,antipyritic	Endangered
28	Kalishadi	<i>Daphne oleoides</i>	Local	treatment of cutaneous infections, gonorrhoea	Endangered
29	Kanhaji	<i>Sorbaria tomentosa</i>	Local	Asthma	Rare
30	Kareel Kaimbul/Chownphal/Simlu	<i>Berberis aristata</i>	Local	treatment of eye and skin diseases,malaria,diarroheeea, antibacterial effects, jaundice,dysentry	Abundant
31	Kim	<i>Morina longifolia</i>	Local	stomic disorders andindigestion and emetic	Threatened
32	Kinns	<i>Dioscorea deltoidea</i>	Local	ophthalmi infections, treatment of ,roundworms , progesteron,Contraceptives,	Endangered
33	Kour	<i>Picrorhiza Kurrooa</i>	Local	all forms of liver damage, against hapatitis c, wound healng,asthama,	C.Endangered

34	Kuppad jari	<i>Sedum ewersii</i>	Local	remedy for ringworm,treatment of ulcers warts ,rashes, also act as laxative and diuretic	Threatened
35	Kuth	<i>Saussurea lappa</i>	Local	Carminitive , aphrodisitic,antihelimenthic, headaches, asthma,paralysiss, diseases of liver and kidney,etc	C.Endangered
36	Maiden Hair	<i>Adiantum Venustum</i>	Local	Emmetic, diuretic,headaches scorpion stings, cuts and wounds	Abundant
37	Mooiin	<i>Artemisa maritime</i>	Local	Antihelimenthic, antispasmodic, Vermifuge.	Rare
38	Mori	<i>Delphinium roylei</i>	Local	sedative, prenention of intestinal worms, & insomnia etc	Rare
39	Mulam	<i>Inula royeleana</i>	Local	fall in blood pressure, peristalic movements of intestines	Endangered
40	Murma	<i>Valeriana dubia</i>	Local	Nervous disorders, insomnia,prevention in menstrual disorders	Endangered
41	Nag Rus/sweet flag	<i>Acorus calamus</i>	Local	Gastrointestinal disease	Threatened
42	Neel Kanth/Bugle	<i>Ajuga bracteosa</i>	Local	Gastric problems, abdominal pain, substitute for quinine	Endangered
43	Nichni	<i>Rhododendron campannalatum</i>	Local	olds and headaches, rheumatism, sciatica, syphilis	Threatened
44	Patish	<i>Aconitum heterophyllum</i>	Local	Antidote for Snake bite	Endangered
45	Postul	<i>Taxus baccata</i>	Local	Anticancer Drugs	C.Endangered
46	Sapp Google	<i>Arisaema flavum</i>	Local	Expectorent,tetanus,epilepsy ets	Endangered
47	Shemar	<i>Desmodium elegans</i>	Local	Cholera and peptic ulcers	N.A
48	Sheshak	<i>Rhabdosia rugosa</i>	Local	insecticide and vemicide, peptic ulcers prostrate cancer etc	Rare
49	Shutenger	<i>Rhododendren anthopogon</i>	Local		threatened
50	Suchal	<i>Malva neglecta</i>	Local	antiphlogistic , astringemt, laxative, leaves and floerss can be eaten as a diet	Abundant
51	Tatnu	<i>Caltha palustris</i>	Local	antispasmodic, diaphrotic,antirheumatic, expectorent,, poltice of boils and sores etc	Rare

52	Soi	<i>Urtica dioica</i>	Local	arthritis,, prostatic hyperplasia, to ntreat urinary problems	Abundant
53	Crown lily	<i>Fritillaria imperialis</i>	Local	Expectorent, increases brest milk	Endangered
54	Datur	<i>Datura strimonium</i>	Local	Antispasmodic,antihelimenthic, aanti-inflammatory	Abundant
55	Kasrod	<i>Diplazium esculentum</i>	Local	Laxative, treatment of Cough etc	Abundant
56	Waenie	<i>Pteris vitata</i>	Local	Dysentry	Abundant
57	Mid-posh/ peony	<i>Peonia officinale</i>	Local	Osteoarthritis, menstrual problems, respiratory tract problems	Rare
58	Fakil	<i>Ferula communis</i>	Local	antidiabetic, antiproliferative, Antimicrobial.	Abundant
59	Arkhol/Rhus	<i>Rhus toxicodendron</i>	Local	Treatmentof Flu, cramps , Strains,restlessness leg syndrome	Endangered
60	Mazarmund	<i>Iris Kashmiriana</i>	Local	Arithritis	Threatened
61	Kandoor	<i>Metticia stutheoterus</i>	Local	Used as vegetable	Abundant
62	Anardana	<i>Punica granatum</i>	Local	Used in making chuttney	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				
	<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
Himalayan toad	<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	<i>Oncorhynchus mykiss/ Salmo gairdneri</i>	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown
Trout	<i>Oncorhynchus mykiss</i>	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown
Common Carp	<i>Cyprinus carpio</i>	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown

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	Not unknown	Unknown
2	Rootless duckweed	<i>Wolffia arrhiza</i>	local	Not unknown	Unknown
3		<i>Azolla</i>	local	Not unknown	Unknown
4	Water crowfoot	<i>Ranunculus aquaticus</i>	local	Not unknown	Unknown
5	Arum arrow	<i>Peltandra virginia</i>	local	Not unknown	Unknown
6	Water thyme	<i>Hydrilla</i>	local	Not unknown	Unknown
7	Nag babbaer	<i>Nasturtium</i>	local	Not unknown	Unknown
8	Shaell	<i>Spirogyra</i>	local	Not unknown	Unknown
9		<i>Chara</i>	local	Not unknown	Unknown
10		<i>Zygnema</i>	local	Not unknown	Unknown
11		<i>Nostoc</i>	local	Not unknown	Unknown

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	Agg jari	<i>Saxifraga jacquemontiana</i>	Local	alt. 4000-5000m/ Tempe rate	Rare	Rare	seeds	Kidney Stones			
Herb	Gadikan/Ban tambaku	<i>Verbascum Thapsus</i>	Local	1600-3000m/ Temperate	abundant	rare	seeds	Antirheumatic, Astringent, demulcent & Emollient, wound Healing	Leaves	Antirheumatic	
Herb	Banafsha	<i>Viola odorata</i>	Local	1500-3000m/ Temperate	abundant	abundant	seeds and runners	Cough, Cold, Bronchitis, headache,	flower	cough , Cold and Fever	
Herb	Wan wangoun	<i>Podophyllum hexandrum</i>	Local	Alt.2000-4000m/ Temperate	Rare	Critically endangered	seeds and roots stocks	Cancer, Gonorrhea' Tyohoid fever, vermifuge	Rhizomes and Roots		
Herb	Belladonna/ Deadlt Night shade	<i>Atropa belladonna</i>	Local	2000-3500m/ Temperate	rare	rare	seeds	anticholinergic and antispasmodic, irritable bowl syndrome, eye drops	All parts of the plant	Pain reliever, antiinflam atory	
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	Bhutyata	<i>Corydalis govianiana</i>	Local	1500-4000m/ Temperate	rare	rare	seeds	Antidote, Febrifuge, Vermifuge , anti-inflammatory, Syphilis	Root		
Herb	Blue poppy	<i>Meconopsis aculeata</i>	Local	1500-3500m/ Temperate				analgesic and febrifuge,			
Herb	Metha Kafal	<i>Phytolacca acinosa</i>	Local	1500-3000m/ Temperate	rare	rare	seeds	urinary disorders, nephrotiss, abdominal distension, boils and sores, antiasthmatic, antifungal, vermifuge etc	Roots		

Shrub	Chalander/ Kulmach	<i>Viburnum grandiflorum</i>	Local	1500-4000m/ Temperate	abundant	abundant	seeds	seeds are Digestive and expectorant	seeds		
Herb	Choorā	<i>Angelica glauca</i>	Local	1800-3700m/ Temperate	rere	rare	seeds and roots	aromatic	Root	snake removal	
Herb	Chukri/ Pambtsalan	<i>Rheum austral</i>	Local	3200-4000m/ Temperate	rare	endangered	seeds	antisposmodic, antotumour, cholagogue, astringent, gallblader problems etc	Root		
Creepers	Chuku/ Changeri	<i>Oxalis corniculata</i>	Local	cosmopolitan	abundant	abundant	seed & underground bulbilis	source of vit-c, Scurvy, Influenza	leaves	paste of leaves used as antidote for snake poisoning	
Herb	Dand jari	<i>Rhodiola himalensis</i>	Local	3600-4500m/ Temperate	rare	Rare	seeds	Reduce fatigue, depression and anxiety, altitude sickness	all parts of the plant		
Herb	Dhad Kopdi	<i>Bergenia Stracheyi</i>	Local	2700-4700m/ Temperate			rhizome,	Kidney stones, gastrointestinal disorders, antifungal, antibacterial activities, anti-ulceer etc	Rizomes tuber, whole plant leaves		
Herb	Ephedra	<i>Ephedra gerardiana</i>	Local	2400-5000m/ Temperate	rare	rare	seeds	Cold, coughs, asthma, arthritis			
Shrub	Feku	<i>Ficus palmate</i>	Local	1400-2500m/ Temperate	abundant	abundant	Cuttings and seeds	Fruit is demolescent, laxative, used in diseses of lungs and bladder.	Fruit		
Herb	Gaddo	<i>Salvia moorcroftiana</i>	Local	1500-3000m/ Temperate	abundant	abundant	Seeds	treatment of colds and cougs, dysentery, colic and boils, dressing for wounds	roots, leaves and seeds	dressing for wounds	
Herb	Guggal	<i>Jurinea dolomiaea</i>	Local	1600-4000/ Temperate	Rare	rare	Seeds	decoction of root is cordial, treatment of fevers, etc			
Herb	Hamesh bahar	<i>Calendula officinalis</i>	Local	Low lying areas/ Temperate	rare	rare	seeds	Antiviral, antiinflammatory, Antiseptic, healing faster, relieving diaper rash	all parts of the plant	ornamental	
Herb	Handh	<i>Taraxacum officinale</i>	Local	Everywhere/ Temperate	abundant	abundant	seeds and roots	Diuretic, hepatic, Laxative, Cholagogue, antibiotic, against yeast infecrion etc	Roots and leaes		
Herb	Jarjam	<i>Sanecio chrysanthemoides</i>	Local	/Temperate							

Shrub	Kaimal/ kawdachh	<i>Berberis lyceum</i>	Local	1500-3500/ Temperate	Abundant	abundant	Seeds	remedy for swollen and sore eyes, broken bones, diaphrotic and febrifuge etc	whole plant		
Herb	Kahzaban	<i>Arnebia benthami</i>	Local	3000-4500m/ Temperate	rare	rare	Seeds	tongue and throat diseases, stimulant , diuretic,expectorent,antipyritic	whole plant	throat diseases, fever	
Herb	Kalishadi	<i>Daphne oleoides</i>	Local	1700-2300/ Temperate	rare	rare	Seeds	treatment of cutaneous infections, gonorrhoea	bark and leaves		
Shrub	Kanhaji	<i>Sorbaria tomentosa</i>	Local	1800-2700m/ Temperate	rare	rare	Seeds, cuttings,Suc kers	Asthma	Fruits and Stems		
Shrub	Kareel Kaimbul/Chow nphal	<i>Berberis aristata</i>	Local	1500-3500m/ Temperate	abundant	abundant	Seeds	treatment of eye and skin diseases,malaria,diarroheeca, antibacterial effects, jaundice,dysentry	fruit and Rhizome	fruits used as digestive tonic	
Herb	Kim	<i>Morina longifolia</i>	Local	1600-2500m/ Temperate	rare	rare	Seeds	stomic disorders andindigestion and emetic			
Herb	Kinns	<i>Dioscorea deltoidea</i>	Local	2000-3200mv	rare	rare	Tubercles, Bulbulis	ophthalmi infections, treayment of ,roundworms , progestron,Contraceptives,	Roots, tubers		
Herb	Kour	<i>Picrorhiza Kurrooa</i>	Local	2700-4500/ Temperate	rare	extinct	seeds & Rhizome	all forms of liver damage, against hapatitis c, wound healng,asthama,	Rhizome		
Herb	Kuppaj jari	<i>Sedum ewersii</i>	Local	1500-2500m/ Temperate	rare	rare	seeds	remedy for ringworm,treatment of ulcers warts ,rashes, also act as laxative and diuretic	leaves		
Herb	Kuth	<i>Saussurea lappa</i>	Local	2500-300m/ Temperate	rare	c.endangered	seed/root	Carminitive , aphrodisitic,antihelimenthic, headaches, asthma,paralysiss, diseases of liver and kidney,etc	Root		
Fern	Maiden Hair	<i>Adiantum Venustum</i>	Local	1400-4000m/ Temperate	abundant	abundant	Rhizomes	Emmetic, diuretic,headaches scorpion stings, cuts and wounds	fronds and rhizomes		

Shrub	Moin	<i>Artemisa maritime</i>	Local	1500-3500m/ Temperate			Seeds	Antihelmenthic, antispasmodic, Vermifuge.	Leaves		
Shrub	Mori	<i>Delphinium roylei</i>	Local	2000-3500m/ Temperate	rare	rare	seeds	sedative, prenention of intestinal worms, & insomnia etc	leaves		
Herb	Mulam	<i>Inula royeleana</i>	Local	3100-4000m/ Temperate			seeds	fall in blood pressure, peristalic movements of intestines	root		
Herb	Murma	<i>Valeriana dubia</i>	Local	1500-3500m/ Temperate			Seeds and roots	Nervous disorders, insomnia,prevention in menstrual disorders	Root and Rhozome		
Herb	Nichni	<i>Rhododendron campannalatum</i>	Local	3000-4500/ Temperate	rare	rare	seeds, Stem cutting	olds and headaches, rheumatism, sciatica, syphilis	leaves	Heerbal tea	
Herb	Patish	<i>Aconitum heterophyllum</i>	Local	2000-3000m/ Temperate	rare	rare	Seeds	Antidote for Snake bite	Root		
Tree	Postul	<i>Taxus baccata</i>	Local	1800-3300m/ Temperate	rare	rare	seeds	Anticancer Drugs	bark		
Herb	Sapp Google	<i>Arisaema flavum</i>	Local	3500-4000m/ Temperate	rare	rare	Seeds	Expectorent,tetanus,epilepsy ets	whole plant		
Herb	Shemar	<i>Desmodium elegans</i>	Local	1200-4000m/ Temperate	rare	rare	Seeds	Cholera and peptic ulcers	root and bark		
Herb	Sheshak	<i>Rhabdosia rugosa</i>	Local	1500-3500m/ Temperate	rare	rare	Seeds	insecticide and vemicide, peptic ulcers prostrate cancer etc	whole plant		

Shrub	Shutenger	<i>Rhododendron anthopogon</i>	Local								
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	All parts of the plant	digestive disorders and laxative	
Herb	Tatnu	<i>Caltha palustris</i>	Local	1500-3500m/ Temperate	Rare	Rare	seeds & Rhizomes	antispasmodic, diaphrotic,antirheumatic, expectorent,, poltice of boils and sores etc	all parts of the plant		
Herb	Kalyouth	<i>Prunella vulgaris</i>	Local	1500-3500m/ Temperate	rare	rare	seeds	antiseptic ,antipyritic,antispasmodic,g oitre ,hypotensive,,neprjtic,fevers, headaches and many more	leavea and flower	fevers and coughs and headaches.	
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,antihelimenthic, 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,repiratory 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	
Herb	Waenie	<i>Pteris vitata</i>	Local	1500-3500/ Temperate	abundant	abundant	Rhizomes and spores	Dysentry	fronds		
Herb	Mid-posh/ peony	<i>Peonia officinale</i>	local	1500-4000m/ Temperate	abundant	rare	Roots and Rhizomes	Osteoarthritis, menstrual problems, respiratory tract problems	roots		
Herb	Fakil	<i>Ferula communis</i>	local	1800-2500m// Temperate	Abundant	rare	seeds	antidiabetic, antiproliferative, Antimicrobial.	Seeds		
Tree	Arkhol/Rhus	<i>Rhus toxicodendron</i>	local	2000-3500m/ Temperate	Rere	Rare	Seeds	Treatmentof Flu, cramps , Strains,restlessness leg syndrome	Bark and Seeds		
Herb	Mazarmund	<i>Iris Kashmiriana</i>	Local	1500,3500m/ Temperate	rare	rare	rhizome,	Arthritis	Rhizome	joint pains	

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
Wild Soyabean	<i>Glycine soja</i>	<i>Glycine max</i>	Scattered in forest	Abundant	pod	Leaf	pod		Generally, held by community
Sochal	<i>Malva sylvestris</i>	<i>Malva sylvestris L.sterile</i>	Scattered in forest	Abundant	vegetable	Leaf	vegetable		Generally, held by community
Jungli Akhroot	<i>Juglans regia</i>	<i>Juglans regia var. orientis</i>	Scattered in forest	Abundant	Fruit	Fruit	Fruit		Generally, held by community

Yellow vetching	<i>Lathyrus aphaca</i>	<i>Lathyrusodorata</i>	Scattered in forest	Abundant	Fodder	Leaf	Fodder		Generally, held by community
Wild oat	<i>Avene fatua</i>	<i>Avene sativa</i>	Scattered in forest	Abundant	Fodder	Leaf	Fodder		Generally, held by community
Tanji	<i>Pyrus pashia</i>	<i>Pyrus communis</i>	Scattered in forest	Abundant	Fruit	Leaf	Fruit		Generally, held by community
Barseem	<i>Trifolium repens/ T. Pratens</i>	<i>Trifolium hexandrum</i>	Scattered in forest	Abundant	Fodder	Leaf	Fodder		Generally, held by community
Wan zeur	<i>Carum bulbocastanum</i>	Cuminum cyminum	Scattered in forest	Abundant	Root Vegetable	Root	Root Vegetable		Generally, held by community
Warze kul/ Jungli Ber	<i>Zizyphus jujube</i>	Zizyphus maurantiana	Scattered in forest	Abundant	Fruit	Fruit	Fruit		Generally, held by community
Anardana	<i>Punica granatum</i>	Punica granatum var ruby	Scattered in forest	Abundant	Fruit	Leaf	Chutney		Generally, held by community
Fagour	<i>Ficus palmata</i>	Ficus caraca	Scattered in forest	Abundant	Fruit	Figs	Raw		Generally, held by community

Format 24: Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial / Non-commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder
Spirea	<i>Spiraea sorbifolia</i>	local	Lesser Himalayas	Non-Commercial	N.A	N.A	
Jasmine	<i>Jasminum humile</i>	local	Lesser Himalayas	Non-Commercial	N.A	N.A	
Gandera	<i>Nerium oleander</i>	local	Lesser Himalayas	Non-Commercial	N.A	N.A	
Anardana	<i>Punica granatum</i>	local	Lesser Himalayas	Non-Commercial	N.A	N.A	
veer	<i>Salix alba</i>	local	Lesser Himalayas	Non-Commercial	N.A	N.A	
Horse chestnut	<i>Aesculus indicus</i>	local	Lesser Himalayas	Non-Commercial	N.A	N.A	
Chinar	<i>Platanus orientalis</i>	local	Lesser Himalayas	Non-Commercial	N.A	N.A	
	<i>Rosa webbiana</i>	local	Lesser Himalayas	Non-Commercial	N.A	N.A	
Elm	<i>Ulmus wallichiana</i>	local	Lesser Himalayas	Commercial	N.A	N.A	
Lonicera	<i>Lonicera japonica</i>	local	Lesser Himalayas	Non-Commercial	N.A	N.A	
trikana	<i>Acer cesium</i>	Local	Lesser Himalayas	Non-Commercial	N.A	N.A	

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
4	Badu	<i>Desmodium elegans</i>	Local	Locally present	Rare	Rare	Used 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				
Fit/ Budlu	<i>Abies pindrow</i>	Temperate	Abundant	Rare	Firewood	Unknown		Generally, held by community
Deodar	<i>Cedrus deodara</i>	Temperate	abundant	Abundant	oil used rhematoid/Firewood	Oil to used to remove ticks, mites of domestic animals		Generally, held by community
Hackberry/Kharak	<i>Celtis australis</i>	Temperate	Abundant	Rare	fodder	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
Tul	<i>Morus nigra</i>	Temperate	Abundant	Abundant	Fruit edible	Unknown		Generally, held by community
Poa	<i>Parrotiopsis jacquemontiana</i>	Temperate	Abundant	Abundant		Unknown		Generally, held by community
Spruce	<i>Picea smythiana</i>	Temperate	Abundant	Rare	Firewood	Unknown		Generally, held by community
Kail	<i>Pinus wallichiana</i>	Temperate	Abundant	Abundant	Firewood	Unknown		Generally, held by community
Kikur	<i>Robina pseudoacacia</i>	Temperate	Abundant	Abundant	Fodder/firewood	Unknown		Generally, held by community
Yew	<i>Taxus baccata</i>	Temperate	Rare	Rare		Unknown		Generally, held by community
Bren	<i>Ulmus wallichiana</i>	Temperate	rare	Rare	Fodder	Unknown		Generally, held by community

Champ	<i>Alnus nitida</i>	Temperate	rare	Rare		Unknown		Generally, held by community
Kharsu	<i>Quercus semicarpifolia</i>	Temperate	Rare	Rare	Fodder, firewood	Unknown		Generally, held by community
Ban	<i>Quercus incana</i>	Temperate	Rare	Rare	Fodder, firewood	Unknown		Generally, held by community
Mohru	<i>Quercus dilitata</i>	Temperate	Abundant	Abundant	Fodder, firewood	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	Beach of Stone Marten	<i>Martes foina</i>	Forest/village		All season	Rare	Rare	-	Unknown	-	-	Generally, held by community
Mammals	Brown Bear	<i>Ursus arctos</i>	Forest/village		All season	Rare	Rare	-	Fat used in relief of joint pain, Nail, hair used to keep away black magic	Illegal hunting by shooting, poisoning	-	Generally, held by community
Mammals	Common Langur	<i>Semnopithecus</i>	Forest/village		All season	Rare	Rare	-	Unknown	-	-	Generally, held by community
Mammals	Himalayan Black Bear	<i>Ursus thibetanus</i>	Forest/village		All season	Rare	Rare	-	Unknown	Illegal hunting by shooting, poisoning	-	Generally, held by community
Mammals	Himalayan Marmot	<i>Marmot bobak</i>	Forest		All season	Rare	Rare	-	Unknown	-	-	Generally, held by community
Mammals	Himalayan Mouse Hare	<i>Ochotona roylei</i>	Forest/village		All season	Rare	Rare	-	Unknown	-	-	Generally, held by community
Mammals	Himalayan Yellow Throated Marten	<i>Martes flavigula</i>	Forest/village		All season	Rare	Rare	-	Unknown	-	-	Generally, held by community
Mammals	Ibex	<i>Capra ibex</i>	Forest		All season	Rare	Rare	-	Unknown	Illegal hunting by shooting, poisoning	-	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	Musk Deer	<i>Moschus chrysogaster</i>	Forest		All season	Rare	Rare	-	Unknown	Illegal hunting by shooting	-	Generally, held by community
Mammals	Red Fox	<i>Vulpes vulpes</i>	Forest/village		All season	Rare	Rare	-	Unknown	-	-	Generally, held by community
Mammals	The Leopard cat	<i>Felis bengalensis</i>	Forest		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The Small Indian Mongoose	<i>Herpestes auropunctatus</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The red Fox	<i>Vulpes vulpes</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	The Common Otter	<i>Lutra lutra</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The Himalayan Weasel	<i>Mustela sibirica</i>	Forest		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The Stone Marten	<i>Martes foina</i>	Forest		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The Red flying Squirrel	<i>Petaurista petaurista</i>	Forest		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	Indian Hare	<i>Lepus nigricollis</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The Himalayan Ibex	<i>Capra ibex sipirca</i>	Forest		All season	Rare	Rare		Unknown	Illegal hunting by shooting, trapping		Generally, held by community
Mammals	The Grey Himalayan Goral	<i>Nemorhaedus goral</i>	Forest		All season	Rare	Rare		Unknown	Illegal hunting by shooting, trapping		Generally, held by community
Mammals	Barking Deer	<i>Muntiacus muntjak</i>	Forest		All season	Rare	Rare		Unknown	Illegal hunting by shooting, trapping		Generally, held by community
Mammals	The Musk Deer	<i>Moschus moschiferus</i>	Forest		All season	Rare	Rare		Unknown	Illegal hunting by shooting, trapping		Generally, held by community
Mammals	The Indian Wild Boar	<i>Sus scrofa</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The Common Langur	<i>Presbytis entellus</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Mammals	The Rhesus Macaque	<i>Macaca mulatta</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Birds	Alpine accentor	<i>Prunella collaris</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Alpine swift	<i>Tachymarptis melba</i>	Forest/village		All season	Common	Common	-	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 and yellow grosbeak	<i>Mycerobas icterioides</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Black redstart	<i>Phoenicurus ochruros</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Black tit	<i>Parus rufonuchalis</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Black-eared Kite	<i>Milvus migrans</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Black-naped green woodpecker	<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	Blue Rock Pigeon	<i>Columba livia</i>	Forest/village		Summer Season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Blue rock thrush	<i>Monticola solitaries</i>	Forest/village		Summer Season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Blue whistling thrush	<i>Myophonus caeruleus</i>	Forest/village		Summer Season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Blue-headed redstart	<i>PhoenicurusCaeruleocephala</i>	Forest/village		Summer Season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Blyth's leaf warbler	<i>Phylloscopus reguloides</i>	Forest/village		Rainy Season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Booted eagle	<i>Hieraaetus pennatus</i>	Forest/village		Rainy Season	Common	Common	-	Unknown	-	-	Generally, held by community

Birds	Brown bullfinch	<i>Pyrrhula nipalensis</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	Cheer pheasant	<i>Catreus wallichi</i>	Forest		All season	Rare	Rare	-	Unknown	Illegal hunting by shooting, trapping	-	Generally, held by community
Birds	Chukar partridge	<i>Alecturus chukar</i>	Forest/village		All season	ocassional	ocassional	-	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	Collared grosbeak	<i>Mycerobas affins</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Common cuckoo	<i>Cuculus canorus</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	Crested lark	<i>Galerida cristata</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Durskey crag-martin	<i>Hirundo concolor</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	European roller	<i>Coracias garrulous</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Fire capped tit	<i>Cephalopyrus flammiceps</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	Gold crest	<i>Regulus regulus</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Golden eagle	<i>Aquila chrysaetos</i>	Forest/village		All season	ocassional	ocassional	-	Unknown	-	-	Generally, held by community
Birds	Golden oriole	<i>Oriolus oriolus</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	Grey-headed flycatcher	<i>Culicicapa ceylonensis</i>	Forest/village		All season	Common	Common	-	Unknown	-	-	Generally, held by community
Birds	Grey headed thrush	<i>Turdus rubrocanus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Grey tit	<i>Parus major</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Grey wagtail	<i>Motacilla cinerea</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Grey winged blackbird	<i>Turdus boulboul</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 Bearded Vulture	<i>Gypaetus barbatus hemachalanus</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Birds	Himalayan Golden Eagle	<i>Aquila chrysaetos</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Birds	Himalayan Griffon Vulture	<i>Gyps himalayensis</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Birds	Himalayan Monal	<i>Lophophorus impejanus</i>	Forest		All season	Rare	Rare		Unknown	Illegal hunting by shooting, trapping		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 Rufous Turtle Dove	<i>Streptopelia orientalis meena</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Himalayan snowcock	<i>Tetraogallus Himalayensis</i>	Forest		All season	Rare	Rare		Unknown	Illegal hunting by shooting, trapping		Generally, held by community
Birds	Himalayan swiftlet	<i>Collocalias brevirostris</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Himalayan tree-creeper	<i>Certhia discolor</i>	Forest		All season	Common	Common		Unknown			Generally, held by community
Birds	Hodgson's mountain finch	<i>Leucosticte nemoricola</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Hoopoe	<i>Upupa epops</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	House crow	<i>Corvus splendens</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	House swift	<i>Affinis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	India white-backed vulture	<i>Gyps bengalensis</i>	Forest/village		All season	Rare	Rare		Unknown			Generally, held by community
Birds	Indian cuckoo	<i>Cuculus micropterus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Indian ring dove	<i>Streptopelia decaocto</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Indian tree pie	<i>Dendrocitta vagabunda</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	Kashmir nuthatch	<i>Sitta cashmirensis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Kashmir red breasted Flycatcher	<i>Ficedula subrubra</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Kestrel	<i>Falco tinnunculus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Koel	<i>Eudynamis scolopaceas</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Koklass pheasant	<i>Pucrasia macrolopha</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Lesser pied kingfisher	<i>Ceryle rudis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Linnet	<i>Carduelis cannabina</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community

Birds	Little forktail	<i>Enicurus scouleri</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Little owl	<i>Athene noctua</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Little pied flycatcher	<i>Ficedula westermanni</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Long-eared owl	<i>Asio otus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Olivaceous leaf-warbler	<i>Phylloscopus griseolous</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Orange bullfinch	<i>Pyrhula aurantiaca</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Orange flanked bush-robin	<i>Tarsiger cyanurus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Pallas leaf-warbler	<i>Phylloscopus proregulus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Paradise flycatcher	<i>Terpsiphone paradise</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	Pink-browed rosefinch	<i>Carpodacus rodochrous</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community

Birds	Plain leaf-warbler	<i>Phylloscopus neglectus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Plain or yellow browned leaf-warbler	<i>Phylloscopus inornatus</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	Red turtle dove	<i>Streptopelia tranquebarica</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Red-breasted rosefinch	<i>Carpodacus puniceus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Red-headed bullfinch	<i>Pyrrhula erythrocephala</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Red-mantled rosefinch	<i>Carpodacus rhodochlamys</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Rufous backed shrike	<i>Lanius schach</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-streaked accentor	<i>Prunella himalayana</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Rufous trustle dove	<i>Streptopelia orientalis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Rufous-tailed flycatcher	<i>Muscicapa ruficauda</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community

Birds	Scaly-bellied green woodpecker	<i>Picus squamatus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Shikra	<i>Accipiter badius</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	Snow partridge	<i>Larwa lerwa</i>	Forest		All season	Rare	Rare		Unknown			Generally, held by community
Birds	Snow pigeon	<i>Columba leuconota</i>	Forest/village		All season	Rare	Rare		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	Spot winged grosbeak	<i>Mycerobas melanozanthos</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	Spotted dove	<i>Stigmatopelia chinensis</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		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 cheeked bulbul	<i>Pycnonotus leucogenys</i> <i>Leucogenys</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Birds	White cheeked 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>Cyrtodactylus lawderi</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Baltistan gecko	<i>Altiphylax stoliczkae</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Thin toad gecko	<i>Cyrtopodion montium</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Kashmir rock agama	<i>Laudakia tuberculata</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	Alpine Punjab skink	<i>Eurylepis taniolatus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Himalayan ground skink	<i>Asymblepharus himalayanus</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Ladakh ground skink	<i>Asymblepharus ladacensis</i>	Forest/village		All season	Common	Common		Unknown			Generally, held by community
Reptiles	Common sand boa	<i>Eryx conicus</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Himalayan keelback	<i>Herpetoreas platyceps</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Common cat snake	<i>Boiga trigonata</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Many banded tree snake	<i>Boiga multifasciata</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Glossy bellied racer	<i>Platyceps ventromaculatus</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Common cliff racer	<i>Platyceps rhodorachis</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Barred wolf snake	<i>Lycodon striatus</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community

Reptiles	Banded kukri snake	<i>Oligodonarnensis</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Schokari sand snake	<i>Psammophis schokari</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Common rat snake	<i>Ptyas mucosa</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Red spotted royal snake	<i>Spalerosophis arius</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Checkered keelback	<i>Fowlea piscator</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Common krait	<i>Bungarus caeruleus</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Himalayan pit viper	<i>Gloydius himalayanus</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Russell's viper	<i>Daboia russelii</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Reptiles	Lebantine viper	<i>Macroviperalebetinus</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Amphibians	Himalayan toad	<i>Duttaphrynus himalayanus</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Amphibians	Common skittering frog	<i>Euphlyctis cyanophlyctis</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Amphibians	Indian Bull frog	<i>Hoplobatrachustigerinus</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
Amphibians	Himalayan Paa frog	<i>Nanoranavicina</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community

Amphibians	Small Paa frog	<i>Nanoranaminica</i>	Forest/village		Summer Season	Common	Common		Unknown			Generally, held by community
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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.)
This Panchayat doesn't 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