

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Kumate

Taluk: Kumate

District: Ramban

State: Jammu And Kashmir

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total: 3381

Male:

Habitat and Topography:

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation

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

Annexure 1

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

1)Name of the Chairperson: Gh. Mohi-ud-Din

Age:45

Gender: Male

Address: Kumate

Area of specialization:

2) Name: Bharab Singh

Age: 50

Gender: Male

Address: Kumate

Area of specialization:

3)Name: Jia Lal

Age:42

Gender: Male

Address: Kumate

Area of specialization:

4)Name: Ghyan Devi

Age: 38

Gender: Femle

Address: Kumate

Area of specialization:

5)Name: Piyar Singh

Age: 48

Gender: Male

Address: Kumate

Area of specialization:

6)Name: Gudi Begum

Age: 36

Gender: Female

Address: Kumate

Area of specialization:

7)Name: Mushtaq Ahmed

Age: 41

Gender: Male

Address: Kumate

Area of specialization:

Annexure-2

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village

1) Name :Madan Singh S/o Sirpat

Age: 55 years

Gender: Male

Address: Kumate

Area of specialization: Agriculture

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

Annexure 3

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

1) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

2) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

Annexure 4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR

1) Contact Person:

Name and Address:

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

You may add names of more institutions/NGO/Individuals etc, if necessary

Annexure 5

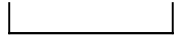
Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing

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

End of Part I

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							
Maize	<i>Zea Mays</i>	Makki	Pro Agro-4794, Kh-517 and DMH 849	Hilly	51	Plenty	Plenty	Main Food	Kharif	Food &Fodder	provides more energy	stapel Food	Deptt.	Farmering Community
Wheat	<i>Triticam astivum</i>	Kanak	PBW-644,HD-2967,wh 1080	HILLY	30	Plenty	Plenty	Main Food	Rabi	Food &Fodder	provides more energy	Food &Fodder	Deptt.	Farmering Community
Pulses	<i>Plaseolus vulgaris</i>	Rajmash	Local	HILLY	5	Plenty	Plenty	Early maturity	Zaid	Vegetable	provides more energy	Good yield	Local	Farmering Community
Mustard	<i>Brassica juncea</i>	Sarson	RLM-50 kos 1-KOS 101	Hilly	10	Plenty	Plenty	Good yielding	Rabi	Used as oil seed	provides more energy	Use veg. also	Deptt./Local	Farmering Community
Bajra	<i>Pennisetum glaucum</i>	Bajra		Hilly		Rare	Rare		Kharif	Food Fodder			Stored lat year crop seeds/ market	
Chari	<i>Euchlena maxicana</i>			Hilly		Rare	Rare							
Potato	<i>Solanum Tuberosum</i>			Hilly		Plenty	Plenty							



Format 2: Fruit Plants

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

Format 3: Fodder Crops / Species

1	2	3	4	5	6	5		6	7	8	9	10
Crop	Scientific Name	Local Name	variety	Landscape/Habitat	Apporax area (in Ha.)	Local Status		source of Seeds/Plants	Associated TK	Part Used	Other Details	Community/Knowledge
						Past	Present					
OATS	Avena saiva	Javi		HILLY	1	Rase	Plenty	Deppt.	Nutritive	Nutritive	Shoot for fodder	Farming community
BAJRA	Penisetium glucon	Bajra		HILLY	1	Plenty	Plenty	Deppt.	Nutritive	Nutritive	Shoot for fodder	Farming community
CHARI	Euchlena maxicana	Chari		HILLY	1	Rase	Plenty	Deppt.	Nutritive	Nutritive	Shoot for fodder	Farming community

Format 4: Weeds

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
Cheelai	<i>Amaranthous spinosus</i>	Chalera	All Kharif crops	Nutrients	Hilly	Plenty	Plenty	Leafy vegetables	Mechanical,Chemical	Used as fodder	Fast growing	Farmering Community
Bindweed	<i>Convolvulus arvensis</i>	-	Maize	Light, Water	Hilly	Plenty	Plenty	-	Mechanical,Chemical	Used as fodder	Fast growing	Farmering Community
Congress grass	<i>Parthenium spp.</i>	-	All Kharif crops	Shading Effect	Hilly	Plenty	Plenty	Early maturity	Mechanical,Chemical	Problmetic	Spread fast	Farmering Community
Carb grass	<i>Digitaria Spp.</i>	-	All Kharif crops	Nutrents, Water	Hilly	Plenty	Plenty	Fodder	Mechanical,Chemical	Problmetic	Fast growing	Farmering Community
Pig weed	<i>Amaranthous spp.</i>	-	All Kharif crops	Light, Water, Nutrients	Hilly	Plenty	Plenty	-	Mechanical	Nutritive	Problmetic	Farmering Community
Lambsquarters	<i>Chenopodium album</i>	Bathua	All Kharif crops	Light, Water, Nutrients	Hilly	Plenty	Plenty	Leafy vegetables	Mechanical,Chemical	-	Fast growing	Farmering Community
Bhang	<i>Cannabis sativa</i>	Bhang	Fodder crops	Light, Water, Nutrients	Hilly	Plenty	Plenty	-	Mechanical	-	Fast growing	Farmering Community

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

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Maize	Stem borer	<i>Sesamia inferens</i>	-	Hilly	Rainy	Chemical	Destructive	Rainfall	Farming community
Maize	White grub	<i>Phyllophaga spp.</i>	-	Hilly	Sowing time	Deep ploughing	Destructive	-	Farming community
Maize	Cut worm	<i>Agrotis spp.</i>	-	Hilly	Seedling	Chemical	Attack during night	weaken the plant	Farming community
Maize	Grass hopper	<i>Malanoplus spp.</i>	-	Hilly	Stage of maturity	Deep ploughing	Eat all plant	Found every where	Farming community
Tomato	Cut worm	<i>Agortis spp.</i>	-	Hilly	seedling stage	Mechanical, chemical	Destroy seedling	Damage by catapiller	Farming community
Bringal	Cut worm	<i>Agortis spp.</i>	-	Hilly	seedling	Mechanical, chemical	Destroy seedling	Damage by catapiller	Farming community
Tomato	fruit Borer	<i>Helicovespa annigera</i>	-	Hilly	Fruiting stage	Deep ploughing	Destructive	Pupa is under ground	Farming community

Other details may include possible reasons for insects/animal attack

Format 6: Markets for Domesticated animals

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

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

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
3381	Farmers	Labour		Nil	Nil	Nil	SC/ST/OC	Backward area		628

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

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

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

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

Format 8: Landscape

		1			2	3	4	5	6	7	8	9	10	11	12
		Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
		Agricultural land	Pond	Fallow land											
1	LRBN004	Forest Land			Forest Land	55%	Govt/Private	Wild plantation	Insect and Amphibian	Unknown	Unknown				
2	LRBN001	Cultivated land			Cultivated land	35%	Agriculture Land is privately owned.	Plant. Some wild plant	Insect	Nil	Unknown				Low income communities
3	LRBN002	Non-Cultivated Land			Non-Cultivated Land	15%	Govt/Private	Plant. Some wild plant	Insect	Available for farming cattle rearing, Rat catching	Unknown				Low income communities
4	LRBN006	Grazing land			Grazing land	25%	Private	Plant. Some wild plant	Insect	Unknown	Unknown				Low income communities
5	LRBN003	Irrigated Land			Irrigated Land	0%	Government	Wild Plant	Insect and Amphibian	Unknown	Unknown				Low income communities
6	LRBN005	Non-Irrigated Land			Non-Irrigated Land	35%	Government	Wild Plant	Insect and Amphibian	Unknown	Unknown				Low income communities

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

Format 9: Waterscape

		1	2	3	4	5	6	7	8	9	10	11	12	13
		Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
1	WRBN001	Stream												
2	WRBN002	Canals												
3	WRBN003	Nalas	Dharali Nalla		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
4	WRBN004	Khads												

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

Format 10: Soil type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information
Clay	Red	Clay soil holds a lot of water but it cannot hold much air. It has very good water holding capacity.	1. Amend with organic material. 2. Grow a crop cover. 3. Avoid compaction. 4. Use adequate quantity of Farm Yard Manures.	Vegetables			
Sandy	Yellow	Sandy soil can hold lot of air but can not hold water & also have very less nutrients.		Maize, Millets, Barley, Jowar etc			
Loamy	Brown	It contains humus. It holds sufficient water & air.		Wheat, vegetables, sugarcane, Paddy, pulses etc			
Red Soil	Red	Red soil can hold lot of water but it cannot hold much air. Water drains very slowly in it.		Paddy Maize, wheat, vegetables etc			

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Apple	Malusdomestica	<i>Saib</i>	Red Delicious, Golden Delicious etc	Mid hills upto High hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Pear	Pyruscommunis	<i>BaguGosha, Nakh, Nashpati</i>	Red Bartlett, Punjab Beauty, PatharNakh, Star Krimson	Mid hills to High hills	-	-	Do	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture
Peach	Prunuspersica	<i>Aaroo</i>	FLA 16/13 July Alberta, Quetta, Florida sum, FloridaPrenice	Lower hills upto High hills	-	-	Do	Summer	-	Fresh Fruit		Farmer/ Department of Horticulture
Apricot	Prunusarmeniaca	<i>Khobani, Sarri</i>	Bebco, Harkat	Lower hills upto High hills	-	-	Do	Summer	-	Fresh Fruit		Farmer/ Department of Horticulture
Plum	Prunussaliciana	<i>Aloo Bukhara</i>	Santa Rosa, Kala Amritsari, Alubukhara, Aloochoa	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer	-	Fresh fruit,		Farmer/ Department of Horticulture
Walnut	Juglansrejia	<i>Akhroot</i>	Burzal, Kagzi, Local Selections	High hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Dry Fruit		Farmer/ Department of Horticulture
Pecannut	Caryaillinoensis	<i>Pacannut</i>	Stuart, Western Shelley, Descrable	Mid hills	-	-	Govt. Nursery	Rainy	-	Dry Fruit		Farmer/ Department of Horticulture
Quince	Cydoniaoblonga	<i>Bahie</i>	Iraniam, Kashmiri Mumm	High hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Dried fruits/ seeds		Farmer/ Department of Horticulture
Olive	Oleaeuropea	<i>Zaitoon</i>	Carolea, CoratinaFrontoio,	Mid hills	-	-	Govt. ACHD Ramban	Rainy	-	Oil		Farmer/ Department of Horticulture
Persimmom	Diospyrus kaki	<i>Amlook</i>	Fuyu, Jiro, Hachia	Mid hills	-	-	Govt. Nurseries	Rainy	-	Fresh/Dry Fruit		Farmer/ Department of Horticulture
Lime	Citrus aurantifolia	<i>Nimboo</i>	Kagzi, Eureka lime, Baramasi	Lower hills upto Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Around the year	-	Fresh Fruit	-	Farmer/ Department of Horticulture
Pomegranate	Punicagranatum	<i>Anardana, Daroo</i>	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Anardana		Farmer/ Department of Horticulture
Kiwi	Actinidiadeliciosa	<i>Kiwi</i>	Allison, Abbot, Tomuri, Hayward	Mid hills upto High hills	-	-	ACHD Ramban	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture
Fig	Ficuscarica		Local	Mid hills	-	-	Govt. Nursery/ Private Registered Nry	Rainy	-	Fresh Fruit		Farmer/ Department of Horticulture

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

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
						Past	Present					
Herb	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	Antirheumati c		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	Wanwangoun/Bankakdi/ Himalayan May Apple	<i>Podophyllum hexandrum</i>	Local	Alt.2000-4000m/ Temperate	seeds and roots stocks	Rare	Critically endangered	Cancer, Gonorhea' Tyohoid fever, vermifuge	Rhizomes and Roots			Generally, held by community
Herb	Belladonna/Deadlt Night shade	<i>Atropa belladonna</i>	Local	2000-3500m/ Temperate	seeds	rare	rare	anticholinergic and antispasmodic,irritable bowl syndrome,eye drops	All parts of the plant	Pain reliever,antii nflammatory		Generally, held by community

Herb	Bhang	<i>Cannabis sativa</i>	Local	cosmopolitan/ Temperate	seeds	abundant	abundant	Hempseed oil,Hallocinogenic, sedative,Analgesic, Anti- inflammatory, piles	All parts of the plant	Psychoactive		Generally, held by community
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
Creepers	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, expectorant, antipyretic	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, Suck ers	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				
Herb	Kinns	<i>Dioscorea deltoidea</i>	Local	2000-3200m	Tubercles, Bulbils	rare	rare	ophthalmic infections, treatment of roundworms, progesterone, Contraceptives,	Roots, tubers			
Herb	Kour	<i>Picrorhiza kurroa</i>	Local	2700-4500/ Temperate	seeds & Rhizome	rare	extinct	all forms of liver damage, against hepatitis c, wound healing, asthma,	Rhizome			
Herb	Kuth	<i>Saussurea lappa</i>	Local	2500-3000m/ Temperate	seed/root	rare	c. endangered	Carminative, aphrodisiac, antihelminthic, headaches, asthma, paralysis, 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 royleana</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, epilepsy 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 , astringem, 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	Nag chatri	<i>Trillium govanium</i>	Local	2500-4000m/ Temperate	seeds and rhizome	rare	rare	formation of steroids and sex hormones	Rhizome	Aphrodisitic		
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,antihelimenthic, aanti-inflammatory	seeds m Root and fruit	Antispasmod ic		
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	Waenic	<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

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Sheep	Bhead	<i>Ovis-aries</i>	Local	Small size , rough coat	Flock rearing	Plenty	Rare	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads
Sheep	Bhead	<i>Ovis-aries</i>	Rambouillet cross	Large size, fine wool	Flock rearing	Rare	Plenty	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	<i>Capra-hircus</i>	Local	Small size, low body weight	Flock Rearing	Plenty	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	<i>Capra-hircus</i>	Kaghani (Bakerwali)	Large size, high body weight	Flock rearing	Rare	Plenty	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	<i>Capra-hircus</i>	Beetal	Large size, high body weight	Flock rearing	Rare	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Mammals	Gaay	<i>Bosindicus</i>	Local	-	Shed	Plenty	Plenty	Milk	N/A	No	Dairy products	-
Mammals	Bhains	<i>Bubblous</i>	Local/Hybrid	-	Shed	Rare	Rare	Milk	N/A	No	Dairy products	-
		<i>Bubalis</i>			Shed	Rare	Rare					

Mammals	Ghorda	Equus Caballus	Local/Hybrid	-	Stable	Rare	Rare	-	N/A	No	Loading purpose	-
Mammals	Kutta	<i>Cannis lupus</i>	Local/Hybrid	-	House	Rare	Rare	-	N/A	No	-	-
Mammals	Billi	<i>Felis Catus</i>	Local	-	House	Plenty	Plenty	-	N/A	No	-	-

Uses include milk, meat, skin, fur and etc

Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc

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

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Herbs	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 argyrophylla</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	Abundant	Abundant	Own Use			Nil	Generally held by the community
Herbs	Red Clover	<i>Trifolium pretense</i>	Herb	Lesser Himalayas	Abundant	Abundant	Own Use			Nil	Generally held by the community
Herbs	Sun Spurge,	<i>Euphorbia helioscopia</i>	Herb	Lesser Himalayas	Abundant	Abundant	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	Arkhor	<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	Umi	<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
Sl. No.	Local Name	<i>Scientific Name</i>	Variety	Importance (as economic, social, cultural etc.)	Status
1	Kandoor	<i>Metticiastuthiotrus</i>	Wild	Used as a vegetable	Found Abundantly
2	Simlu	<i>Berberis aristata</i>	Wild	Medicinal uses	Found Abundantly
3	Akk	<i>Calotropis gigantea</i>	Wild	Medicinal uses	Grow Abundantly
4	Kao	<i>Olea oleaster</i>	Wild	Medicinal uses	Grow Abundantly
5	Dhrooni (Anardana)	<i>Punica granatum</i>	Wild	Comercial uses	Grow wide spread
6	Agg jari	<i>Saxifraga jacquemontiana</i>	Local	Kidney Stones	Endangered
7	Gadikan/Ban tambaku	<i>Verbascum Thapsus</i>	Local	Antirheumatic, Astringent, demulcent & Emollient, wound Healing	Rare
8	Banafsha	<i>Viola odorata</i>	Local	Cough, Cold, Bronchitis, headache,	Threatened
9	Wan wangoun	<i>Podophyllum hexandrum</i>	Local	Cancer, Gonorrhea, Typhoid fever, vermifuge	C. Endangered

10	Belladonna/Deadly Night shade	<i>Atropa belladonna</i>	Local	anticholinergic and antispasmodic, irritable bowel syndrome, eye drops	Endangered
11	Bhang	<i>Cannabis sativa</i>	Local	Hempseed oil, Hallucinogenic, sedative, Analgesic, Anti-inflammatory, piles	Abundant
12	Bhutiyata	<i>Corydalis govaniiana</i>	Local	Antidote, Febrifuge, Vermifuge, anti-inflammatory, Syphilis	Endangered
13	Blue poppy	<i>Meconopsis aculeata</i>	Local	analgesic and febrifuge,	Endangered
14	Metha Kafal	<i>Phytolacca acinosa</i>	Local	urinary disorders, nephrotiss, abdominal distension, boils and sores, antiasthmatic, antifungal, vermifuge etc	Threatened
15	Chalander/Kulmach	<i>Viburnum grandiflorum</i>	Local	seeds are Digestive and expectorant	Abundant
16	Choorā	<i>Angelica glauca</i>	Local	aromatic	Endangered
17	Chukri/ Pambtsalan	<i>Rheum austral</i>	Local	antisposmodic, antotumour, cholagogue, astringent, gallbladder problems etc	Endangered
18	Chuku/Changeri	<i>Oxalis corniculata</i>	Local	source of vit-c, Scurvy, Influenza	Abundant
19	Dand jari	<i>Rhodiola himalensis</i>	Local	Reduce fatigue, depression and anxiety, altitude sickness	Endangered
20	Dhad Kopdi	<i>Bergenia Stracheyi</i>	Local	Kidney stones, gastrointestinal disorders, antifungal, antibacterial activities, anti-ulcer etc	Rare
21	Ephedra	<i>Ephedra gerardiana</i>	Local	Cold, coughs, asthma, arthritis	Endangered

22	Feku	<i>Ficus palmate</i>	Local	Fruit is demolescent,laxative, used in diseses of lungs and bladder.	Threatened
23	Gaddo	<i>Salvia moorcroftiana</i>	Local	treatment of colds and cougs, dysentry, colic and boils, dressing for wounds	Abundant
24	Guggal	<i>Jurinea dolomiaea</i>	Local	decoction of root is cordial, treatment of fevers, etc	Threatened
25	Gul-e-snohar	<i>Geranium wallichianum</i>	Local	Peptic ulcers and Tooth aches, to stem the bleeding cuts.	Threatened
26	Hamesh bahar	<i>Calendula officinalis</i>	Local	Antiviral, antiinflammatory, Antiseptic, healing faster, relieving diaper rash	Threatened
27	Handh	<i>Taraxacum officinale</i>	Local	Diuretic, hepatic, Laxative,Cholagogue, antibiotic, against yeast infecrion etc	Abundant
28	Hillu	<i>Impatiens glandulifera</i>	Local	relieving Anxiety and stress	Rare
29	Jarjam	<i>Sanecio chrysanthemoides</i>	Local		Endangered
30	Kaimal/kawdachh	<i>Berberis lyceum</i>	Local	remedy for swollen and sore eyes, broken bones, diaphrotic and febrifuge etc	Abundant
31	Kahzaban	<i>Arnebia benthami</i>	Local	tongue and throat diseases, stimulant , diuretic,expectorent,antipyritic	Endangered
32	Kalishadi	<i>Daphne oleoides</i>	Local	treatment of cutaneous infections, gonorrhoea	Endangered
33	Kanhaji	<i>Sorbaria tomentosa</i>	Local	Asthma	Rare

34	Kareel Kaimbul/Chownphal/Simlu	<i>Berberis aristata</i>	Local	treatment of eye and skin diseases,malaria,diarroheeea, antibacterial effects, jaundice,dysentry	Abundant
35	Kesar	<i>Crocus sativus</i>	Local	Aphrodisitic, flavouring agents, Crocin is derived from it.	n.a
36	Kim	<i>Morina longifolia</i>	Local	stomic disorders andindigestion and emetic	Threatened
37	Kinns	<i>Dioscorea deltoidea</i>	Local	ophthalmi infections, treayment of ,roundworms , progestron,Contraceptives,	Endangered
38	Kour	<i>Picrorhiza Kurrooa</i>	Local	all forms of liver damage, against hapatitis c, wound healng,asthama,	C.Endangered
39	Kuppad jari	<i>Sedum ewersii</i>	Local	remedy for ringworm,treatment of ulcers warts ,rashes, also act as laxative and diuretic	Threatened
40	Kuth	<i>Saussurea lappa</i>	Local	Carminitive , aphrodisitic,antihelimenthic, headaches, asthma,paralysiss, diseases of liver and kidney,etc	C.Endangered
41	Maiden Hair	<i>Adiantum Venustum</i>	Local	Emmetic, diuretic,headaches scorpion stings, cuts and wounds	Abundant
42	Mooiin	<i>Artemisa maritime</i>	Local	Antihelimenthic, antispasmodic, Vermifuge.	Rare
43	Mori	<i>Delphinium roylei</i>	Local	sedative, prenention of intestinal worms, & insomnia etc	Rare
44	Mulam	<i>Inula royeleana</i>	Local	fall in blood pressure, peristalic movements of intestines	Endangered
45	Murma	<i>Valeriana dubia</i>	Local	Nervous disorders, insomnia,prevention in menstrual disorders	Endangered

46	Nag Rus/sweet flag	<i>Acorus calamus</i>	Local	Gastrointestinal disease	Threatened
47	Neel Kanth/Bugle	<i>Ajuga bracteosa</i>	Local	Gastric problems, abdominal pain, substitute for quinine	Endangered
48	Nichni	<i>Rhododendron campannalatum</i>	Local	olds and headaches, rheumatism, sciatica, syphilis	Threatened
49	Patish	<i>Aconitum heterophyllum</i>	Local	Antidote for Snake bite	Endangered
50	Postul	<i>Taxus baccata</i>	Local	Anticancer Drugs	C.Endangered
51	Sapp Google	<i>Arisaema flavum</i>	Local	Expectorent,tetanus,epilepsy ets	Endangered
52	Shemar	<i>Desmodium elegans</i>	Local	Cholera and peptic ulcers	N.A
53	Sheshak	<i>Rhabdosia rugosa</i>	Local	insecticide and vemicide, peptic ulcers prostrate cancer etc	Rare
54	Shutenger	<i>Rhododendren anthopogon</i>	Local		threatened
55	Suchal	<i>Malva neglecta</i>	Local	antiphlogistic , astringemt, laxative, leaves and floerss can be eaten as a diet	Abundant
56	Tatnu	<i>Caltha palustris</i>	Local	antispasmodic, diaphrotic,antirheumatic, expectorent,, poltice of boils and sores etc	Rare
57	Nag chatri	<i>Trillium govanium</i>	Local	formation of steroids and sex hormones	C.Endangered

58	Soi	<i>Urtica dioica</i>	Local	arthritis,, prostatic hyperplasia, to ntreat urinary problems	Abundant
59	Crown lily	<i>Fritillaria imperialis</i>	Local	Expectorent, increases brest milk	Endangered
60	Datur	<i>Datura strimonium</i>	Local	Antispasmodic,antihelmenthic, aanti-inflammatory	Abundant
61	Kasrod	<i>Diplazium esculentum</i>	Local	Laxative, treatment of Cough etc	Abundant
62	Waenie	<i>Pteris vitata</i>	Local	Dysentry	Abundant
63	Mid-posh/ peony	<i>Peonia officinale</i>	Local	Osteoarthritis, menstrual problems, respiratory tract problems	Rare
64	Fakil	<i>Ferula communis</i>	Local	antidiabetic, antiproliferative, Antimicrobial.	Abundant
65	Arkhol/Rhus	<i>Rhus toxicodendron</i>	Local	Treatmentof Flu, cramps , Strains,restlessness leg syndrome	Endangered
66	Mazarmund	<i>Iris Kashmiriana</i>	Local	Arithritis	Threatened
67	Kandoor	<i>Metticia stutheoterus</i>	Local	Used as vegetable	Abundant
68	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
<i>Himalayan toad</i>	<i>Duttaphrynus himalayanus</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Common skittering frog	<i>Euphlyctiscyanophlyctis</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Indian Bull frog	<i>Hoplobatrachustigerinus</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Himalayan Paa frog	<i>Nanoranavicina</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Small Paa frog	<i>Nanoranaminica</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Common Frog	<i>Rana tigrana</i>	local		Streams,springs & ponds	Abundant	Abundant	N.A	N.A	N.A	Unknown
Desi Alma	<i>Schizothorax sps</i>	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown
Rainbow Trout	Oncorhynchus mykiss/ Salmo gairdneri	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown
Trout	Oncorhynchus mykiss	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown
Common Carp	Cyprinus carpio	local		Streams,springs & ponds	Abundant	Abundant	Food	N.A	N.A	Unknown

Format 21: Wild Aquatic Plant Species of Importance

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

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Herb	Agg jari	<i>Saxifraga jacquemontiana</i>	Local	alt. 4000-5000m/Temperate	seeds	Rare	Rare	Kidney Stones			
Herb	Gadikan/Ban tambaku	<i>Verbascum Thapsus</i>	Local	1600-3000m/ Temperate	seeds	abundant	rare	Antirheumatic, Astringent, demulcent & Emollient, wound Healing	Leaves	Antirheumatic	
Herb	Banafsha	<i>Viola odorata</i>	Local	1500-3000m/ Temperate	seeds and runners	abundant	abundant	Cough, Cold, Bronchitis, headache,	flower	cough , Cold and Fever	
Herb	Wan wangoun	<i>Podophyllum hexandrum</i>	Local	Alt.2000-4000m/ Temperate	seeds and roots stocks	Rare	Critically endangered	Cancer, Gonorrhea, Typhoid fever, vermifuge	Rhizomes and Roots		
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	
Herb	Bhang	<i>Cannabis sativa</i>	Local	cosmopolitan/ Temperate	seeds	abundant	abundant	Hempseed oil, Hallucinogenic, sedative, Analgesic, Anti-inflammatory, piles	All parts of the plant	Psychoactive	
Herb	Bhutiyata	<i>Corydalis gowaniana</i>	Local	1500-4000m/ Temperate	seeds	rare	rare	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	seeds	rare	rare	urinary disorders, nephrotiss, abdominal distension, boils and sores, antiasthamatic, antifungal, vermifuge etc	Roots		
Shrub	Chalander/Kulmach	<i>Viburnum grandiflorum</i>	Local	1500-4000m/ Temperate	seeds	abundant	abundant	seeds are Digestive and expectorant	seeds		
Herb	Choorā	<i>Angelica glauca</i>	Local	1800-3700m/ Temperate	seeds and roots	rere	rare	aromatic	Root	snake removal	
Herb	Chukri/ Pambtsalan	<i>Rheum austral</i>	Local	3200-4000m/ Temperate	seeds	rare	endangered	antisposmodic, antotumour, cholagogue, astringent, gallblader problems etc	Root		
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	
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		
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	seeds	rare	rare	Cold, coughs, asthma, arithritis			

Shrub	Feku	<i>Ficus palmate</i>	Local	1400-2500m/ Temperate	Cuttings and seeds	abundant	abundant	Fruit is demolescent,laxative, used in diseses of lungs and bladder.	Fruit		
Herb	Gaddo	<i>Salvia moorcroftiana</i>	Local	1500-3000m/ Temperate	Seeds	abundant	abundant	treatment of colds and cougs, dysentry, colic and boils, dressing for wounds	roots , leaves and seeds	dressing for wounds	
Herb	Guggal	<i>Jurinea dolomiaea</i>	Local	1600-4000/ Temperate	Seeds	Rare	rare	decoction of root is cordial, treatment of fevers, etc			
Herb	Hamesh bahar	<i>Calendula officinalis</i>	Local	Low lying areas/Temperate	seeds	rare	rare	Antiviral, antiinflammatory, Antiseptic, healing faster, relieving diaper rash	all parts of the plant	ornamental	
Herb	Handh	<i>Taraxacum officinale</i>	Local	Everywhere/ Temperate	seeds and roots	abundant abundant		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	Seeds	Abundant	abundant	remedy for swollen and sore eyes, broken bones, diaphrotic and febrifuge etc	whole plant		
Herb	Kahzaban	<i>Arnebia benthami</i>	Local	3000-4500m/ Temperate	Seeds	rare	rare	tongue and throat diseases, stimulant , diuretic,expectorent,antipyritic	whole plant	throat diseases, fever	
Herb	Kalishadi	<i>Daphne oleoides</i>	Local	1700-2300/ Temperate	Seeds	rare	rare	treatment of cutaneous infections, gonorrhoea	bark and leaves		

Shrub	Kanhaji	<i>Sorbaria tomentosa</i>	Local	1800-2700m/ Temperate	Seeds, cuttings,Sucke rs	rare	rare	Asthma	Fruits and Stems		
Shrub	Kareel Kaimbul/Chownphal	<i>Berberis aristata</i>	Local	1500-3500m/ Temperate	Seeds	abundant	abundant	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	Seeds	rare	rare	stomic disorders andindigestion and emetic			
Herb	Kinns	<i>Dioscorea deltoidea</i>	Local	2000-3200mv	Tubercles, Bulbulis	rare	rare	ophthalmi infections, treayment of ,roundworms , progestron,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	Kuppad jari	<i>Sedum ewersii</i>	Local	1500-2500m/ Temperate	seeds	rare	rare	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	seed/root	rare	c.endangered	Carminitive , aphrodisitic,antihelimenthic, headaches, asthma,paralysiss, diseases of liver and kidney,etc	Root		
Fern	Maiden Hair	<i>Adiantum Venustum</i>	Local	1400-4000m/ Temperate	Rhizomes	abundant	abundant	Emmetic, diuretic,headaches scorpion stings, cuts and wounds	fronds and rhizomes		
Shrub	Mooin	<i>Artemisa maritime</i>	Local	1500-3500m/ Temperate	Seeds			Antihelimenthic, antispasmodic, Vermifuge.	Leaves		

Shrub	Mori	<i>Delphinium roylei</i>	Local	2000-3500m/ Temperate	seeds	rare	rare	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	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,epilepsy 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>Rhododendron anthopogon</i>	Local								
Herb	Suchal	<i>Malva neglecta</i>	Local	1500-4000/ Temperate	seeds	abundant	abundant	antiphlogistic , astringent, laxative, leaves and flowers 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, diaphoretic, antirheumatic, expectorant, poltice of boils and sores etc	all parts of the plant		
Herb	Nag chatri	<i>Trillium govanium</i>	Local	2500-4000m/ Temperate	seeds and rhizome	rare	rare	formation of steroids and sex hormones	Rhizome	Aphrodisiac	
Herb	Kalyouth	<i>Prunella vulgaris</i>	Local	1500-3500m/ Temperate	seeds	rare	rare	antiseptic ,antipyretic,antispasmodic,goitre ,hypotensive,,nephrtic,fevers, headaches and many more	leaves and flower	fevers and coughs and headaches.	
Herb	Soi	<i>Urtica dioica</i>	Local	everywhere/ Temperate	Seeds	abundant	abundant	arthritis,, prostatic hyperplasia, to treat urinary problems	Leaves and stem	Arthritis	
Herb	Crown lily	<i>Fritillaria imperialis</i>	Local	2000-3000m/ Temperate	Bulb	rare	rare	Expectorant, increases breast milk	Bulb		
Herb	Datur	<i>Datura stramonium</i>	Local	1400-2500m/ Temperate	Seeds	Abundant	abundant	Antispasmodic,antihelminthic, anti-inflammatory	seeds in Root and fruit	Antispasmodic	
herb	Wan jawain	<i>Thymus linearis</i>	Local	2000-4000m/ Temperate	seeds	abundant	abundant	Antispasmodic, gastrointestinal problems, respiratory 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		
Herb	Mazarmund	<i>Iris Kashmiriana</i>	Local	1500,3500m/ Temperate	rhizome,	rare	rare	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
				Past	Present					
Dhusay	<i>Fiscus carica</i>	Fig	Hilly	Planty	Planty	As fruit	Fruit Pulp	Rich source of nutrient and minerals	Good source of antibiotic	Farming community
Shatoot	<i>Morus alba</i>	Mulberry	Hilly, intermeditate	Planty	Rare	Inflorescence	Fruit Pulp	Rich in protine, vit. C, fe, mg, cu	Good source of fiber	Farming community
kambery	<i>Cyanooccus spp.</i>	Blue berry	Hilly, intermeditate	Planty	Planty	As fruit	Fruit Pulp	Rich in vit. C&k	Antioxident	Farming community
Amlook	<i>Data palm</i>	Data palm	Hilly, intermeditate	Planty	Planty	As dry fruit	Fruit Pulp	Rich in vit. A, c, e & k	Goofd source of fiber	Farming community

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

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	<i>Scientific Name</i>	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
Tree	Khod	<i>Jugans regia</i>	Local	Intermediate	Available	Available	Dry fruit	Bark	Medicinal prperties	-	Farming community
Herb	Mulathi	<i>Glycyrrhizaglabra</i>	Local	Intermediate	Available	Available	Bark &stem used	Stem, bark	Medicinal prperties	-	Farming community
Shurb	Timber	<i>Queacus spp.</i>	Local	Intermediate	Available	Available	Datun, Chattni	Stem, bark	Medicinal prperties	-	Farming community

Format 26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Fir/ Budlu	<i>Abies pindrow</i>	Temperate	Abundant	Rare	Firewood	Unknown		Generally, held by community
Deodar	<i>Cedrus deodara</i>	Temperate	abundant	Abundant	oil used rheumatoid/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	Common Langur	<i>Semnopithecus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Himalayan Black Bear	<i>Ursus thibetanus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Himalayan Mouse Hare	<i>Ochotona roylei</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Jackal	<i>Canis aureus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Jungle Cat	<i>Felis chaus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Leopard	<i>Panthera pardus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Long Tailed Marmot	<i>Mamot caudate</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	The Indian Fox	<i>Vulpes bengalensis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Five Stripped Palm Squirrel	<i>Funambulus Penanti</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	The Indian Field Mouse	<i>Mus booduga</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	The Indian Procupine	<i>Hystrix indica</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Alpine accentor	<i>Prunella collaris</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community

Birds	Bearded vulture or Lammergeier	<i>Gypaetus barbatus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Black-eared Kite	<i>Milvus migrans</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Black-naped green woodpecker	<i>Picus canus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Blue rock pigeon	<i>Columba livia</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Blue whistling thrush	<i>Myophonus caeruleus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Brown dipper	<i>Cinclus pallasi</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Chukar partridge	<i>Alecturus chukar</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Common myna	<i>Acridotheres tristis</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Eagle owl	<i>Bubo bubo</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Griffon vulture	<i>Gyps fulvus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community

Format 31: Any other information of local importance

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

End of Part II