

Peoples Biodiversity Register (PBR):General Details

Name of Panchayat Samiti				Loharna-B			
Block				Dachhan			
District				Kishtwar			
State/UT				J&K			
Geographical Area of the Panchayat Samiti				Hilly & Terrain			
Population of the Panchayat Samiti Total				1437			
Male	783		Female	654			
Habitat & Topography							
Climate (Rainfall, Temperature & other weather Patterns):-Moderate Rain fall/upto 35 in summer & -5 degree in winter.							
Land Use (Nine fold Classification available with village records)							
Date , Month and Year of PBR preparation				18.08.2020			
Management Regime:ReserveForests (RF)/Joint Forest Management (JFM) Protected Areas							
(PA)/Community Owned and Managed Forest(COM)							

Annexure 1

Detail of Biodiversity Management Committee (BMC) of the Panchayat (one elected Chairperson) and Six others 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:			Mushtaq Ahmed S/o Aziz					
Age:			32 years					
Gender:			Male					
Area of Specialization :			Agriculture					
2) Name :			Shakuntla Devi W/O Somi Raj					
Age:			43 years					
Gender:			Female					
Area of Specialization :			Social Activist					
3) Name :			Usha Devi W/o Mukesh Kumar					
Age:			38 Year					
Gender:			Female					
Area of Specialization :			Women Activist					
4) Name :			Mohd Yousuf Gujjar S/O Abdullah Karam Bakhsh					
Age:			45 years					
Gender:			Male					
Area of Specialization :			Agriculture					
5) Name :			Ashok Kumar S/o Hirday Nath					
Age:			30 years					
Gender:			Male					
Area of Specialization :			Agriculture					
6) Name :			Mohd Imran S/O Abdul Rehman					
Age:			27 years					
Gender:			Male					
Area of Specialization :			Agriculture					
7) Name :			Nusrat Hussain S/O Ashfaq Hussain					
Age:			30 years					
Gender:			Male					

Area of Specialization :	Agriculture/Social Activist
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Annexue 2

List of Vaid.Hakims and tradational health care (human & Livestock) Practitioners residing and or using biological resources occuring within the juridication of the village

Name:			Nil				
Age:							
Gender:							
Address							
Area of Specialization :							
Location from which the Person accesses biological material:							
Perceptiion of the Practioner on the resources Status:							
Medicinal Use:							
Name:			Nil				
Age:							
Gender:							
Address							
Area of Specialization :							
Location from which the Person accesses biological material:							
Perceptiion of the Practioner on the resources Status:							
Medicinal Use:							
Name:			Nil				
Age:							
Gender:							
Address							
Area of Specialization :							
Location from which the Person accesses biological material:							
Perceptiion of the Practioner on the resources Status:							
Medicinal Use:							

Annexure 3

List of individuals Perceived by the villagers to possess Traditional Knowledge ((TK) related to biodiversity in agriculture, Fishries. and Forestry							
Name:			Shakuentla Devi Wo Somi Raj				
Age:			43 Years				
Gender:			Female				
Address			Loharna-B				
Area of Specialization :			Agriculture				
Name:			Nusrat Hussain SO Ashfaq Hussain				
Age:			39 Years				
Gender:			Male				
Address			Loharna-B				
Area of Specialization :			Forestry				
Name:			Jagdish Raj				
Age:			48 years				
Gender:			Male				
Address			Loharna - B				
Area of Specialization :			Forestry & Agriculture				
Name:							
Age:							
Gender:							
Address							
Area of Specialization :							

Annexure 4

Detail of Schools, Colleges, departments, Universities, Govt. Institutions, No-Governmental Organization & Individuals Involved in the Preparation of PBR

1) Contact Person :	Vijay Kumar S/o Tej Ram
Name & Address:	Panjdhara
2) Contact Person :	Shanti Saoop S/o Ram Chand
Name & Address:	Panjdhara
3) Contact Person :	Arjan Dass S/o Jodh Ram
Name & Address:	Panjdhara
4) Contact Person :	
Name & Address:	

Annexure 5

Detail of Access to biological resources and tradational Knowledge granted,details of the collection fee imposed and detail of benifits derived & mode of their Sharing								
No	Name & Address of the Person/Institution/Compant Others	Local & Scientific Name of the biological material accessed and quantity		Date & resoulution of the BMC and endorsent by the Panchayat		Detail of Collection of fee Imposed	Anticipated Mode of Sharing benefits or quantum of benifits shared	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

End of Part 1

Part-11

PBR- FORMATS

AGROBIODIVERSITY

Format 1: Crop Plant

1	2	3	4	5	6	7		8	9	10	11	12	13
Crop	Scientific Name	Local Name	Variety	Landscape/ Habitat	Approx.area shown	Local Status		Special Features	Cropping season	Uses	Associated TK	Other Details	Soucr of seeds/Plants
						Past	Present						
Maize	<i>Zea mays</i>	Kookri	Local, Pro-Agro, Kanchan	Hilly Temprate & intermediate	82 Ha	Only Local varieties	Improved Varieties		Khariief	Food & Fodder feeding to Poultry & Cattle	Sown in Month of April-May		Farmers stored seed(Households kept seds) Deptt. Of Agriculture Private Seed dealers
Wheat	<i>aestivum iriticum</i>	Kanak, Gundum	Local, Desi Raj,PBW	Hilly Temprate & intermediate	60 Ha	Only Local varieties	Improved Varieties		Rabi	Food & Fodder (staple food) grains used as food Straw used as dry fodder	Sown in Month of April-May		Seed related from Previous years crop,Deptt of Agriculture
Barley	<i>Hordeum vulgare</i>	Joo/Wooser	Local Barley	Hilly Temprate & intermediate	03 Ha	Only Local varieties	Improved Varieties		Rabi	Grains used as floor but mainly used as cattle feed & green crop used as fodder	Sown in Month of Oct-Nov	Used for making local Drink during summer	Seeds saved from previous year crop
Rajmash	<i>Phaseolous vulgaris</i>	Razma	Local Variety, Vespa	Hilly Temprate & intermediate	05 Ha	Only Local varieties	Improved Varieties		Khariief	Pod used as Vegetables & grain/ used as Pulses	Every village has its own local Strain (Local Variety)	Mixed cropping with Maize	Seeds saved from previous year crop
Mash	<i>Vigna mungo</i>	Kali Dall/Maah	Local, PU-19, PU-31	Hilly Temprate & intermediate	04 Ha	Only Local varieties	Improved Varieties		Khariief	Used as Pulses in diet	Sown in Month of April-May	Local Varties has disytinct taste	Seeds saved from previous year crop
Lentil	<i>Lens eculenta</i>	Masoor Dal	Shekheri, Local/Desi	Temprate & intermediate	08 Ha	Only Local varieties	Improved Varieties		Rabi	Used as Pulses in diet	Sown in Month of Oct-Nov	Local Varties has disytinct taste	Seeds saved from previous year crop

Potato	Solanum Tuberosum	Aloo	Local	Hilly Temprate & intermediate	04 Ha	Only Local varieties	Improved Varities		Khariief	Vegetable	May- Nov	Local Varties has disytinct taste	Seeds saved from previous year crop
Kudra			Local							Grains used as floor			
Solan			Local							Used as Pulses in diet			
		Durava								Grain used as floor			

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Community Knowledge Holder
Generally aged-Farmers Communicates
Local Farming Communities
Generally aged-Farmers Communicates
Local Farming Communities
Local Farming Communities
Local Farming Communities

Local Farming Communities
Local
Local
Local

FORMAT-2 FRUIT PLANTS

Plant Name	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source Seed	Season of Fruiting	Associated TK	Uses	Other details market/own use	Community / Knowledge
					Past	Present	Plant					
Plum	Prunus Subg	Aalu Bukhara	Santa Rosa, Kala Amritsari, Local	Mountainous and sloppy	Rare	Available	Local Preserved	May- June	Edible Fruits	Own use	Own use	
Quince	Cydonia oblonga	Local	Beehi	Mountainous and sloppy	Rare	Available	Local Preserved	May- June	Edible Fruits	Own use	Own use	
Pomegranate	Punica granatum	Anar	Local wild , Ganesh , Kandhari	Mountainous and sloppy	Rare	Available	Local Preserved	May- June	Edible Fruits	Own use	Own use	Ramesh Kumar
Grapes	Vitis vinifera	Angoor	Local wild ,Perlette	Mountainous and sloppy	Rare	Available	Local Preserved	May- June	Edible Fruits	Own use	Own use	Govind Ram

Format 3: Fodder Crops/Species

1	2	3	4	5		6	7	8	9	10
Plants	Scientific Name	Local Name	Landscape/ Habitat	Local Status		Sources of seeds/Plants	Associated TK	Part Used	Other Details	Community Knowledge Holder
				Past	Present					
Oats	Avena Sativa	Lavaan	Temprate & intermediate	Local Varieties	Improved Varieties	Seeds saved from previous year crop, Deptt of Agriculture	Sored in locally made idigenious structure called tye	Grains used as for seeds purpose and also used as fodder	Above ground portion	farmers

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					
Sedge	<i>Cyprus rotundus</i>	Dhila	Maize/ Paddy	The weed compete with the main crop	Temperate & intermediate	Plenty	Plenty	Nil	Chemical Control besides hand weeding	Reduces the yield of the crop	Local	Farmers
Bathua	<i>Chenopodium album</i>	Bathua	All Crops	The weed compete with the main crop	Temperate & intermediate	Plenty	Plenty	Nil	Hand weeding & Chemical Control	Reduces the yield of the crop	Local	Farmers
Grass	<i>Cynodon dactylon</i>	Dhroob	Wheat	The weed compete with the main crop	Temperate & intermediate	Plenty	Plenty	Used as fodder for cattle	Only hand weeding	Reduces the yield of the crop	Local	Farmers

Format 5: Pests of Crop

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 Like Exotic	Community Knowledge Holder
Maize	Cut worm	<i>Agrotis Spp</i>	Tokka	Maize fields	April-May		Nil	Nil	Nil
Maize	Stemborer/ Crow	<i>Chilo partellus</i>		Maize fields	April-May		Nil	Nil	Nil
Mash	Whitefly	<i>Vemisa tabaci</i>	Chithi Makher	Mash fields	July-August		Nil	Nil	Nil
Wheat	Field Rats / Locusts	<i>Bendicota bengalensis terxaindica</i>	Musso	All fields	All Season		Nil	Nil	Nil
Wheat & Oats	Army Worm	<i>Mythimna separata</i>		Oats & Wheat fields	All Season		Nil	Nil	Nil
Wheat	Termites	<i>Microtermes Obesi odentotermis Obesi</i>	Seenak	Wheat fields Rainfed	During dry season		Nil	Nil	Nil

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)	Types of Animals bought & sold	Types & Average number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold /transported	Name & Location of Fish Market	Types of Fishes Sold	Source of Fish
Loharna-B	Weekly	Local	3	Local	Local	Not Applicable	Not Applicable	Not Applicable
Local Market - Nil								

No registered seller though locally sold by farmers agriculturist from their own residence occasionally

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 season of access	Landscape management Practice	Resource Management Practice	Caste/Tribe	Social Condition	Nature of Inhabitants	No of HHs
Hindu & Muslims - 1439	Joint Families & Nuclear Families Occupation Agriculture	Animal Husbandry, Horticulture & Artisans Govt Employees	Agriculture Landscape Forest Irrigation Channels	Crops Rabi & Khareif Apple Walnut Pears & Wild Mashrooms from March to October, apricot	By growing Crops for two seasons that is Rabi & Khareif Deriving Minor Forest Produce without disturbing ecological balance	Judicious Utilization of Natural resources without their over exploitation	Others ST & SC	Backward /Financially weak	Religious and have great respect for their tradition , celebrate fairs and festivals/ Local Melas with full enthusiasm having simple life style	418

Major Occupation may be farming Sub Occupation could be Fishing, Collection of NTFP animal Husbandry ,Artisans, services

Examples of depending landscapes are Agriculture Landscape, Rivers, Forests etc

Major resources assessed could be Agriculture resources of different nature, Fish, birds ,water ,mud and etc.

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

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

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		K	M									
Agricultural land	-	-		Private land	4279	0	Local Zamindars	Dry Temp. Fruit plants forest trees, Conifers & Broad leaved, Flowering plants and MFPs	Cattle, live stocks, Wild animals, Birds of dry temperature zone, Amphibians Reptitities Insects	Local Zamindars farming community	Conventional type	Cultivation for food grains and grasses	Conventional farming practices	-
	-	-	Shamlat	1791	11	do								
			State Land	3130	9	J&K Govt								
			Aabadi Land	5	17	Local Zamindars								
			Irrigated Land	1504	4	Local Zamindars								
			Un-irrigated Land	3168	0	Local Zamindars								
			Cultivated land	4672	4	Local Zamindars								
			No cultivated land	7160	10	Local Zamindars								
			Kacharie Land	632	10	Local Zamindars								
Forest Land			Forest Land	1992	13	J&K Govt								

Provide a brief description of lanscapes such as forests, plantations, cultivated land, estuary, pond, lakeot other elements

Format 10: Soil Type

Soil Type	Colour & Texture	Features	Soil Management	Plants /Crop Suitable	Flora And Funa	Associated TK	Other Information
Clayey Loam Soil	Brown	Elastic With high water holding Capacity (Higher Rate of soil loss due to erosion)	Local Manure, Addition of Organic Manure	Maize Wheat	Flora And Funa associated with Maize ,Wheat crop Grown		
Sandy Loam Soil	Brown & Reddish	Well drained (High Rate of Soil Loss due to erosion)	Addition of Organic Manure	Maize Wheat	Flora And Funa associated with crop Grown		

FORMAT-11 FRUIT TREES

Plant Name	Scientific Name	Local Name	Variety	Landscape /Habitat	Local Status		Source Seed Plant	Season of Fruiting	Associated TK	Uses	Other details market/own use	Community/ Knowledge
					Past	Present						
Apple	<i>Malus domestica</i>	Seb	Red Delicious Golden Del. Ambri,Gala Mast etc	Mountainous and sloppy	Rare	Plenty	Local Preserved / Govt Nry/Pvt Nry	July –Oct.	Reducing cholesterol, lowering blood sugar levels,	Own use	Own use	
Walnut	<i>Juglans regia</i>	Akhrot	Local	Mountainous and sloppy	Rare	Plenty	Local Preserved	July- Sept	Reduces prostate cancer and diabetes	Own use	Own use	
Aprocot	<i>Prunus Armeniaca</i>	Khubani	Safeda,Qadri Bebc0	Mountainous and sloppy	Rare	Plenty	Local Preserved	May-June	Reduces Heart deases & High Blood Pressure	Own Use	Own use	Ramesh Kumar
Pear	<i>Pyrus communis</i>	Nashpati	Moti Daddi,Half Red,Nakh,Misri Tang	Mountainous and sloppy	Rare	Plenty	Local preserved	July- Sept	used for mild digestion problems, diarrhea, severe diarrhea (cholera),	Own use	Own use	Govind Ram
Peach	<i>Prunus persica</i>	Aadu	Local Shan-e-Panjab, Amba	Mountainous and sloppy	Rare	Plenty	Local Preserved	July –Sept	Edible Fruits	Own Use	Own use	Bibi Chand
Cherry	<i>Prunus avium</i>	Gilass	Local	Mountainous and sloppy	Rare	Plenty	Local Preserved	May-June	Edible Fruits	Own Use	Own use/ Local Market	-
Grapes	<i>Vitis vinifera</i>	Angoor	Merlot Chardonay	Mountainous and sloppy	Rare	Plenty	Local Preserved	July-sep	Edible Fruits	Own Use	Own use/ Local Market	-

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	Location status		Uses (usage)	Part used	Associated Tk	Other details market/ own use	Community Know Holders
						Past	Present					
Shurb	Ban Kakkri	<i>Podophyllum hexandrum</i>	MFP	Forest	Natural	Plenty	Endangered	Useful to the skin for removal of warts,including plantar warts & sexually tranmitted warts.	Fruit			
Herb	Kuth	<i>Saussurea costus</i>	MFP	Forest	Natural	Plenty	Rare	The root & oil from the root are used to make medicine.treating for asthma, cough,gas,worm (nemotode).	Root/ Rhizome			
Herb	Murg jawain,Bajarbhang	<i>Hyoscyamus niger</i>	MFP	Forest	Natural	Plenty	Rare	Useful for ailmentsof the bones,Rh,toothache,asthma,cough nervous disease & stomach pain.	Seeds			
Herb	Guggal/Dhoop	<i>Jurinea dolomiaca</i>	MFP	Forest	Natural	Plenty	Rare	useful for the treatment of fevers.The root extract is used as an incense,skin eruption,gout & Rh,	Roots			
Herb	Rohan-hak/Pran/ Gogcheegma	<i>Allium carolinianum</i>	MFP	Forest	Natural	Plenty	Rare	Contain sulphur compounds (which give them their onion flavour)help to reduce blood cholesterol levels,acts as a tonic to the digestive system	Bulbs, Leaves, Flowers			
Herb	Gaozabaan (Ratanjot)	<i>Amebia benthami</i>	MFP	Forest	Natural	Plenty	Rare	Used for imparting pleasing red colour to fodstuff,oils & fats. The flowering shoots are used in prepration of Shrubet(syrup) & jam useful in various disease of tongue,throat,fever & cardiac disorders	Roots, Rhizomes			

Shurb	Dhatura	<i>Dhatura metel</i>	MFP	Forest	Natural	Plenty	Rare	Used to treat hydrophobia,epilepsy,convulsion,syphilis, inflammation of the breasts, smallpox,mumps & leprosy,also used as a pesticide.	Seeds
Shurb	Seski (murin)	<i>Artemisia brevifolia</i>	MFP	Forest	Natural	Plenty	Rare	Used as a digestive & carminative & hence mixed with meat dishes, known to be an anthelmintic,aphrodisiac,antiseptic,laxative ,blood purifier & antidote to scorpion stings.	Leaves
Herb	Zakhm-e-hayaat	<i>Bergenia ciliata</i>	MFP	Forest	Natural	Plenty	Rare	Useful for the treatment of uterine contraction,ulcers,fever & kidney stone,also treat throat infection,diabetes.	Leaves & Roots
Shurb	Kalveuth	<i>Prunella vulgaris</i>	MFP	Forest	Natural	Plenty	Rare	Useful to treat infections & other illnesses,inflammation,protect against cancer,prevent diabetes complications.	Leaves & Flowers
	Ravend-Chini (Pambchalan)	<i>Rheum australe</i>	MFP	Forest	Natural	Plenty	Sporadic	Used as laxative & also used in various herbal preparations.	Roots, Rhizomes
Herb	Handh	<i>Traraxacum officinale</i>	MFP	Forest	Natural	Plenty	Rare	Has a special effect on the organs involved in digestion,its coffee helps with liver damage & liver weakness as well as bile weakness,stimulate pancreas & kidney function.	Leaves
Herb	Mushakbala	<i>Valeriana hardwickii</i>	MFP	Forest	Natural	Plenty	Rare	Useful in epilepsy,hysteria,hypochondriasis,nervous unrest & skin diseases.	Roots
Shurb	Kasrore	<i>Diplazium esculentum</i>	MFP	Forest	Natural	Plenty	Rare	Used as vegetable,dried rhizomes are used as an insecticide,decoction of this plant is used in the treatment of cough & sometimes as a tonic.	Leaves

Herb	Patrees	<i>Aconitum heterophyllum</i>	MFP	Forest	Natural	Plenty	Threatened	Useful to treat bronchitis, persistent cough, upper respiratory tract infections, common cold, flu & malaria, treat fever, cough, vomiting & diarrhea.	Roots
Herb	Kour, Kutki, Kadu, Kadvi	<i>Picrorhiza kurroa</i>	MFP	Forest	Natural	Plenty	Rare	Used for the treatment of jaundice, sudden liver infections caused by a virus, fever, allergy & asthma.	Roots
Shurb	Kala Zeera	<i>Bunium persicum</i>	MFP	Forest	Natural	Plenty	Rare	Useful in treatment of gastro intestinal illnesses, including diarrhea & inflammatory bowel disease.	Seeds
Herb	Rumkath, Budarkath (Gidar Tambakoo)	<i>Verbascum thapsus</i>	MFP	Forest	Natural	Plenty	Rare	Useful to treat pulmonary problems, inflammatory diseases, asthma, diarrhoea & migraine headaches.	Leaves
Herb	Kasnil Hand	<i>Cichorium intybus</i>	MFP	Forest	Natural	Plenty	Rare	Useful in treatment of liver disorders, diabetes, jaundice, gout, Rh	Flowers
Herb	Pambechalan/ chukri	<i>Rheum emodi</i>	MFP	Forest	Natural	Plenty	Rare	Used in various traditional systems as laxative, tonic, fever, cough, indigestion & menstrual disorders.	Roots
Tree	Zum	<i>Prunus cormuta</i>	MFP	Forest	Natural	Plenty	Rare	Helpful in the treatment of cancer.	Timber
Herb	Choru/Chohori	<i>Angelica glauca Edgw</i>	MFP	Forest	Natural	Plenty	Rare	Used in Dyspepsia, constipations, ulcer of plate, Dysentery, Roots are used as a drug wound and gastric pains	Roots
Herb	Cow Parsnip	<i>Heracleum candicans Wallich ex Benth</i>	MFP	Forest	Natural	Plenty	Rare	The roots are a very good source of xanthotoxin, which is used in the preparation of suntan lotions & to some extent for the treatment of leucoderma.	Roots
Herb		<i>Galium aparine L</i>	MFP	Forest	Natural	Plenty	Rare	used as diuretic, used to treat swollen lymph glands, tonsillitis and throat infections.	Leaves, Stem

Herb	Mushkbala	<i>Valeriana jatamansi Jones</i>	MFP	Forest	Natural	Plenty	Rare	useful for epilepsy,hysteria,skin diseases & nervous unrest.	Dried roots & Rhizomes
Tree	Fir	<i>Abies pindrow Spach</i>	CONIFER	Forest	Natural	Plenty	Rare	used for treating fever,wheezing cough & cold.	Seeds,Timber
Tree	Deodar	<i>Cedrus deodara (Roxb) G. Don</i>	CONIFER	Forest	Natural	Plenty	Rare	used in neurological disorders,asthma,fever,arthritis & headache.	Seeds ,Timber oil
Tree	Spruce	<i>Picea smithiana (Wall.) Boiss</i>	CONIFER	Forest	Natural	Plenty	Rare	used in pulp industry to make paper,also used for construction shingles,crates & household purposes.	Seeds,Timber
Tree	Kail	<i>Pinus wallichiana Jackson</i>	CONIFER	Forest	Natural	Plenty	Rare	usful in treating burning of the body,cough,fainting & ulcers.	Timber
Herb	Drub	<i>Cynodon dactylon (L) Pers</i>	MFP	Forest	Natural	Plenty	Rare	used as a laxatie,coolant,expectorant, & as a brain & hert tonic used for all types of bleedings & skin troubles.	Whole plant
Shrub	Beri	<i>Zizyphus oxyphylla Edgw</i>	MFP	Forest	Natural	Plenty	Rare	used to treat diabetes,fever,dysentery,as well as blood & skin diseases	Fruit
Tree	Horse chest nut, Goug	<i>Aesulus hippocastanum L</i>	B/L	Forest	Natural	Plenty	Rare	used for treatment of dysentry,bronchitis,hemorrhoids.	Leaves
Tree	Kanjil	<i>Acer caesium Wallich ex Brandis</i>	B/L	Forest	Natural	Plenty	Rare	used for treatment of muscular swelling,boils & pimples	Leaves
Herb	Ban Tambaku	<i>Verbascum thapsus L</i>	MFP	Forest	Natural	Plenty	Rare	Inflammatory diseases,asthma,cough,diarrhoea	Leaves
Herb	Jungli Pudina	<i>Mentha arvensis L</i>	MFP	Forest	Natural	Plenty	Rare	As a food, stomach problem & allergy	Leaves
Herb	Vena	<i>Mentha longifolia (L) Hudson</i>	MFP	Forest	Natural	Plenty	Endangered	Respraitory ailments, treat wounds	Leaves

Herb	Kal viuth	<i>Prunella vulgaris L</i>	MFP	Forest	Natural	Plenty	Rare	Protect against cancer, herpes	Leaves
Herb	Dand jari	<i>Rhodiola himalensis (D.Don) S.H. Fu</i>	MFP	Forest	Natural	Plenty	Rare	Help the body to resist physical, chemical & environmental stress	Bark
Herb	Wallichos willow	<i>Epilobium latifolium L</i>	MFP	Forest	Natural	Plenty	Common Vulnerable	Analgesic,anti-dote	Whole plant
Herb	Wild Strawberry	<i>Fragaria nubicola Lindl ex Laccata</i>	MFP	Forest	Natural	Plenty	Rare	As food, treats profuse mensuration	Fruit
Herb		<i>Ipomaea purpurea Roth</i>	MFP	Forest	Natural	Plenty	Rare	Mental disorders,constipations	Seeds
Herb		<i>Cuscuta europaea L</i>	MFP	Forest	Natural	Plenty	Rare	Herbal medicine,tonic for liver & kidney	Seeds,vegetable
Herb		<i>Cuscuta reflexa Roxb</i>	MFP	Forest	Natural	Plenty	Rare	Treat difficulty in urinating,jaundice	Stem,Seeds
Herb		<i>Rheum australe D. Don</i>	MFP	Forest	Natural	Plenty	Rare	Gastritis,blood purification	Rhizomes,Roots
Herb		<i>Rheum moorcroftianum Royle</i>	MFP	Forest	Natural	Plenty	Rare	improve memory,renal function disorder	Rhizomes,Roots
Herb		<i>Jurinea dolomiaea Boiss</i>	MFP	Forest	Natural	Plenty	Rare	loss of appetite, cold bronchitis	Root
Herb		<i>Lactuca lessertiana (DC) C.B Clarke</i>	MFP	Forest	Natural	Plenty	Rare	curative properties	Not available
Herb		<i>Leontopodium himalayanum DC</i>	MFP	Forest	Natural	Plenty	Rare	used in herbal and protect over skin	Aerial Parts
Herb		<i>Saussurea heteromalla (D. Don) Hand Mazz</i>	MFP	Forest	Natural	Plenty	Rare	horse bite, oil, leucoderma & wounds	Leaf, root

Herb		<i>Saussurea lappa</i> <i>Clarke</i>	MFP	Forest	Natural	Plenty	Rare	anti ulcer, anti cancer	Root
Herb		<i>Senecio amplexicaulis</i> <i>Wall</i>	MFP	Forest	Natural	Plenty	Rare	antifungal and phytotoxic	Whole Plant
Herb		<i>Senecio gradiflorus</i> <i>DC</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of irregular menses, ease child birth	Root
Herb		<i>Senecio nudicaulis</i> <i>Ham</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of fever and skin diseases	Leaves
Herb		<i>Solidago virga aurea</i> <i>L</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of best pain, insomnia	Flowers,Leaves
Herb		<i>Sonchus arvensis</i> <i>Linn</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of asthma,chest diseases	Stems,Leaves
Herb		<i>Sonchus asper</i> <i>Vill</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of skin ailments,anti-bacterial	Leaves,Stem, Tops
Herb		<i>Sonchus oleraceus</i> <i>L</i>	MFP	Forest	Natural	Plenty	Rare	used for blood purifier,anti-malarial	Stem & Leaves
Herb		<i>Tanacetum gracile</i> <i>Hook. F. & T</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of intestinal worms,prevent miscarriage	Dried Aerial Parts
Herb	Handh	<i>Taraxacum officinate</i> <i>Weber</i>	MFP	Forest	Natural	Plenty	Endangered	increase urine production,,decrease pain	Fruits,Leaves
Shrub		<i>Lyonia ovalifolia</i> <i>(Wallich) Drude</i>	MFP	Forest	Natural	Plenty	Rare	treat skin disease,external parasite	Leaves& Buds
Shrub		<i>Rhododendron campanulatum</i> <i>D. Don</i>	MFP	Forest	Natural	Plenty	Rare	treat chronic rheumatism,headache	Leaves
Shrub		<i>Elaeagnus parvifolia</i> <i>Wallich ex Royle</i>	MFP	Forest	Natural	Plenty	Rare	anti-inflammatory anti-oxidant	Flowers,Seed

Climber		<i>Viscum album L</i>	MFP	Forest	Natural	Plenty	Rare	treatment of cardiac weakness, arrhythmia	Leaves, Stem, Pea sized Berries
Herb		<i>Euphorbia cognata (Klotzsch & Garcke) Boiss</i>	MFP	Forest	Natural	Plenty	Rare	Breathing disorder, asthma	Seed Stem
Herb		<i>Euphorbia rothiana Spreng</i>	MFP	Forest	Natural	Plenty	Rare	Rheumatism, warts, cough, asthma	Stem Bark
Herb		<i>Euphorbia helioscopia L</i>	MFP	Forest	Natural	Plenty	Rare	used in pharmaceutical industry.	Leaves, Stem, Root
Herb		<i>Euphorbia wallichii Hook F</i>	MFP	Forest	Natural	Plenty	Rare	used against constipation	Leaf, root
Shrub		<i>Sarcococca saligna (D. Don) Meull Arg</i>	MFP	Forest	Natural	Plenty	Rare	laxative, blood purifier & muscular analgesic	Leaf, Bark, Root
Herb		<i>Girardinia heterophylla Decne</i>	MFP	Forest	Natural	Plenty	Rare	used as soap/shampoo for washing, cattle fodder	Whole Plant
Herb		<i>Urtica dioica Linn</i>	MFP	Forest	Natural	Plenty	Rare	urinary tract infections	Root
Tree	Brimij	<i>Celtis australis Willd</i>	B/L	Forest	Natural	Plenty	Rare	treatment of amenorrhoea, heavy menstrual bleeding & colic	Leaves, Root
Tree		<i>Ulmus wallichiana Planch</i>	B/L	Forest	Natural	Plenty	Rare	used to heal body mind & skin	Leaves
Herb		<i>Cannabis sativa L</i>	MFP	Forest	Natural	Plenty	Rare	used for recreational or medicinal purposes	Whole Plant
Herb		<i>Violacanesens Wallich</i>	MFP	Forest	Natural	Plenty	Rare	used for cough, cold, flu, fever & malaria	Leaf, Flower
Herb		<i>Viola indica W Becker</i>	MFP	Forest	Natural	Plenty	Rare	Respiratory tract congestion asthma, sore throat	Flowers

Herb		<i>Viola kunawarensis Royle</i>	MFP	Forest	Natural	Plenty	Rare	chronic bronchitic,asthma	Flowers
Herb		<i>Dianthus jacquemontii Edgew</i>	MFP	Forest	Natural	Plenty	Rare	used to stimulates urinary system,digestive system & bowels	Flowers
Herb		<i>Gypsophilla cerastioides D Don</i>	MFP	Forest	Natural	Plenty	Rare	used for production of photographic films	Not Available
Herb		<i>Lychinus indica Benth</i>	MFP	Forest	Natural	Plenty	Rare	Source of soaps ,ornamentals purposes	Roots,Flowers
Herb		<i>Silene edgeworthii Bocquet</i>	MFP	Forest	Natural	Plenty	Rare	Anti-cancer,anti-fungal & anti-viral	Leaves
Herb		<i>Stellaria media L</i>	MFP	Forest	Natural	Plenty	Rare	cough ,cold constipation,burns	Whole plant
Herb		<i>Hypericum elodeoides Choisy</i>	MFP	Forest	Natural	Plenty	Rare	treatment in mild to moderate depression	Aerial Parts
Shrub		<i>Hypericum oblongifolium Choisy</i>	MFP	Forest	Natural	Plenty	Rare	Hepatitis,gastric ulcers	Aerial Parts
Herb		<i>Hypericum perforatum L</i>	MFP	Forest	Natural	Plenty	Rare	Moderate depression ,anxiety & sleep disorders	Aerial Parts
Herb	Suchal	<i>Malva neglecta Wallr</i>	MFP	Forest	Natural	Plenty	Rare	Astringent,demulcent,diuretic	Leaves,Floers, Root
Herb		<i>Geranium polyanthes Edgew & H.F</i>	MFP	Forest	Natural	Plenty	Rare	Tumor,cosmetic,laxative & hair colour	Flower
Shrub		<i>Rhus succedanea L</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of phthisis	Fruits
Herb		<i>Astragalus grahamianus Royle ex Benth</i>	MFP	Forest	Natural	Plenty	Rare	Urinary disease,respiratory,skin problems	Roots

Shrub		<i>Astragalus himalayana Klotsch</i>	MFP	Forest	Natural	Plenty	Rare	Kidney disease,diabetes	Gum
Shrub		<i>Indigofera heterantha Wallich ex Brandis</i>	MFP	Forest	Natural	Plenty	Rare	branches are used as basket making it is also used as fuel	Floers ,Branches
Shrub		<i>Indigofera tinctoria L</i>	MFP	Forest	Natural	Plenty	Rare	used to treat nervous disorders,asthama, liver disease	Flowering & Fruiting Branches
Herb		<i>Trifalium fragiferum L</i>	MFP	Forest	Natural	Plenty	Rare	used as green manure & flowers are used to make jelly	Flowers,Leaves
Herb		<i>Triflillum repens L</i>	MFP	Forest	Natural	Plenty	Rare	a lincture of the leves are applied as an ointmentto Govt.	Flowers,Leaves
Herb		<i>Trigonella emodi Benth</i>	MFP	Forest	Natural	Plenty	Rare	Reduce fever	Stem ,Leaves
Herb		<i>Vicia sativa Linn</i>	MFP	Forest	Natural	Plenty	Rare	seeds are used to form bread, cakas, biscuits	Seed
Herb		<i>Vicia sepium Linn</i>	MFP	Forest	Natural	Plenty	Rare	used as nitrogen fixation used for hay or silage particulary arable silage.	Rhizomes,Leaves
Tree		<i>Fiaus palmata Forsk</i>	B/L	Forest	Natural	Plenty	Rare	used for treatment of longs & bladder diseases	Fruit
Tree		<i>Monus serrate Roxb</i>	B/L	Forest	Natural	Plenty	Rare	juice of the root is used as an anthelmintic.wood is used for making furniture	Root ,Wood
Tree	Akhroot	<i>Juglans regia Linn</i>	B/L	Forest	Natural	Plenty	Rare	leaves are used in treatment of of chronic coughs,asthma & purify blood and treat diabetes	Leaves,Fruit,
Tree		<i>Alnus nepalensis D. Don</i>	B/L	Forest	Natural	Plenty	Rare	Used for making charcoal,reducing swelling of leg,juice is applied on burns	Wood,Leaves, Roots
Tree	Champ	<i>Alnus nitida (Spach) Endl.</i>	B/L	Forest	Natural	Plenty	Rare	Bark is used to treat swelling & body pain	Bark

Tree	Bhoj patra	<i>Betula utilis D Don</i>	B/L	Forest	Natural	Plenty	Rare	Bark is used for writing lengthy scriptures & texts,also used for packaging	Bark
Tree		<i>Corylus jacquemontii Decne</i>	B/L	Forest	Natural	Plenty	Rare	seeds are used as oil	Seeds
Tree		<i>Quercus baloot Griffith</i>	B/L	Forest	Natural	Plenty	Rare	seeds are used in manufacturing of insecticides	seeds
Tree		<i>Populus alba L</i>	B/L	Forest	Natural	Plenty	Rare	used in the treatment of arthritis,gout,lower back problem and reduce fever	Stem,Bark
Tree		<i>Populus oliata Wallich ex Royle</i>	B/L	Forest	Natural	Plenty	Rare	used as fuel wood,also used as timber & making furniture	Whole Plant
Shrub	Willow	<i>Salix alba Boiss</i>	MFP	Forest	Natural	Plenty	Rare	stems are used in basket making.	Stem
Shrub		<i>Berberis jaeschkeana C.K Schneider</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of tumor	Rhizomes,Fruit
Herb		<i>Podophyllum hexandrum Royle</i>	MFP	Forest	Natural	Plenty	Rare	used to treat gynecology infections	Rhizomes
Herb		<i>Meconopsis aculeata Royle</i>	MFP	Forest	Natural	Plenty	Rare	used to help heal broken bones,treaty inflammation from fractures	Whole Plant
Herb		<i>Meconopsis latifolia Prain</i>	MFP	Forest	Natural	Plenty	Rare	used against ulces,disorders of lungs.	Flowers
Herb		<i>Corydalis cachemiriana Royle</i>	MFP	Forest	Natural	Plenty	Rare	used for mild depression	Flowers,Stems,Leaves
Herb		<i>Corydalis thyrsoiflora Prain</i>	MFP	Forest	Natural	Plenty	Rare	used to treat stomach problem	Leaves,Flowers

Herb		<i>Fumaria indica Pugsley</i>	MFP	Forest	Natural	Plenty	Rare	used as a common weed, isolation & polyherbal	Whole Plant
Herb		<i>Capsella bursa pastoris (L) Moench</i>	MFP	Forest	Natural	Plenty	Rare	used as a folk remedy for cancer, nose bleeding	Seeds, Leaves
Herb		<i>Erysimum melicetae Dunn</i>	MFP	Forest	Natural	Plenty	Rare	used in medicine, food item	Seeds
Herb		<i>Iris hookeriana M. Foster</i>	MFP	Forest	Natural	Plenty	Rare	used in aromatherapy, rhizomes given to babies to help in teething	Rhizomes
Herb		<i>Iris kashmiriana Baker</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of joint pains	Rhizomes
Herb		<i>Iris kemaonensis D. Don ex Royle</i>	MFP	Forest	Natural	Plenty	Rare	flowers are used in herbal medicines	Flowers
Herb		<i>Narcissus tazetta L</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of boils & mastitis	Root
Herb		<i>Dioscorea deltoidea Wal ex Kunth</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of digestive disorders, wound & burns	Rhizomes
Herb		<i>Fritillaria roylei Hook</i>	MFP	Forest	Natural	Plenty	Rare	used for healing wounds	Roots
Herb		<i>Gagea elegans Wall</i>	MFP	Forest	Natural	Plenty	Rare	Used in the form of infusions or decoctions.	Leaves
Herb		<i>Notholirion thomsonianum (Royle) Stapf</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of Various infectious Diseases especially intestinal.	Flower, Leaves
Herb		<i>Polygonatum multiflorum (Linn.) All</i>	MFP	Forest	Natural	Plenty	Rare	used in wound healing being anti-bacterial	Roots

Herb		<i>Polygonatum verticillatum All</i>	MFP	Forest	Natural	Plenty	Rare	used to cure cardioponic,aphrodisiac	Tender leaves,Young shoots
Herb		<i>Trillium govanianum Wall</i>	MFP	Forest	Natural	Plenty	Rare	used in dysentery, wound healing,menstral &sexual disorders.	Rhizomes,Roots
Herb		<i>Tulipa stellata Hook f</i>	MFP	Forest	Natural	Plenty	Rare	Used for sinus Pain ,Hay Fever& Headache.	Whole Plant
Herb		<i>Arisaema jacquemontii Blume</i>	MFP	Forest	Natural	Plenty	Rare	used for the treatment of dermatological disorders,used for phenols	Root
Herbs		<i>Valeriana pyrolaefolia decne</i>	MFP	Forest	Natural	Plenty	Rare	Used orally for anxiety& Psychological stress.	Root
Herbs		<i>Dipsacus inermis Wall</i>	MFP	Forest	Natural	Plenty	Rare	used in ayurvedic system of medicine	Fresh & Dried Leaves
Herbs		<i>Achillea millefolium L</i>	MFP	Forest	Natural	Plenty	Rare	above ground parts used in cold, tonic & astringent	Aerial Parts
Herbs		<i>Ainsliaea aptera DC.</i>	MFP	Forest	Natural	Plenty	Rare	roots used to relieve stomachache, acute fever & constipation	Roots
Herbs		<i>Anaphalis nubigena Clarke</i>	MFP	Forest	Natural	Plenty	Rare	used as aromatic & antimicrobial	Aerial Parts
Herbs		<i>Artemesia scoparia Waldst. & Kit</i>	MFP	Forest	Natural	Plenty	Rare	flowers, stem seeds used as antiseptic, diuretic & antipyretic	Flowers,Stem ,Seeds
Herbs		<i>Artemesia gmelini Bess</i>	MFP	Forest	Natural	Plenty	Rare	plants rich source of essential oil	Leaf ,Stem
Herbs	Mooin	<i>Artemesia Maritima L.</i>	MFP	Forest	Natural	Plenty	Rare	antiseptic, diuretic & antipyretic	Leraves ,Flowering
Herbs		<i>Aster indamellus Grierson</i>	MFP	Forest	Natural	Plenty	Rare	as food & medicine	Leaf,Flower,Root

Local zamindars

Herbs		<i>Cirsium arvense (L) Scop</i>	MFP	Forest	Natural	Plenty	Rare	remedy for toothache & treatment of indigestion	Root	nave got emple knowledge with respect to identification of the species as well their comon usage	Bonafide purpose	Inhabitants of the area.
Herbs		<i>Cirsium falconeri (Hook.f.) Petrak</i>	MFP	Forest	Natural	Plenty	Rare	whole plant & roots used for treating oedema	Whole Plant			
Herbs		<i>Dubyaea hispide DC.</i>	MFP	Forest	Natural	Plenty	Rare	used to remove excess pitta dosh,treat fever.	Rhizomes			
Herbs		<i>Echinops cornigerus DC</i>	MFP	Forest	Natural	Plenty	Rare	root are aphrodisiac, whole plant antipyretic & analgesic	Root			
Herbs		<i>Erigeron canadensis L.</i>	MFP	Forest	Natural	Plenty	Rare	whole plant diuretic, hemostatic & antidiarrheal	Whole Plant			
Herbs		<i>Filago germanica Linn</i>	MFP	Forest	Natural	Plenty	Rare	has chemical, biological & toxicological properties	Fruit			
Herbs		<i>Galinsoga parviflora Cav</i>	MFP	Forest	Natural	Plenty	Rare	used for treatment of nettle sting & similar skin inflammation	Leaves			
Herbs		<i>Gnaphalium luteo album Linn</i>	MFP	Forest	Natural	Plenty	Rare	antibacterial, antifungal, antioxidalt	Leaves			
Shrub	Shutenger	<i>Rhododendron anthopogon D. Don</i>	MFP	Forest	Natural	Plenty	Rare	treatment of constipation, didysentry, fever	Leaves			
Herbs		<i>Anagallis arvensis Linn</i>	MFP	Forest	Natural	Plenty	Rare	whole plant used as expectorant, dropsy,diuractic,purgative	Whole Plant			
Herbs		<i>Androsace rotundifolia Hardw.</i>	MFP	Forest	Natural	Plenty	Rare	dried plant used against bronchitis, asthma,cough	Dried Plant			
Herbs		<i>Primula rosea Royle</i>	MFP	Forest	Natural	Plenty	Rare	asthma & digestive problems	Flower,Leaves			
Tree		<i>Fraxinus excelsior L.</i>	B/L	Forest	Natural	Plenty	Rare	bark & leaf used against fever, gout, arthritis	Bark,Leaf			

Herbs		<i>Jasminium grandiflorum L.</i>	MFP	Forest	Natural	Plenty	Rare	used for treating wounds, skin disease, ulcers, headache	Not Available
Herbs		<i>Jasminium humile L</i>	MFP	Forest	Natural	Plenty	Rare	root juice used against ringworm, flowers used to cure intestinal problems	Root, Flower
Tree	Kahu	<i>Olea cuspidata Wallich ex G. Don</i>	B/L	Forest	Natural	Plenty	Rare	bark used for fracture, leave use for treatment of malaria, UTI	Bark, Leaves
Shrub		<i>Buddleja paniculata Wall</i>	MFP	Forest	Natural	Plenty	Rare	used for treatment of skin disease, malaria	Leaves
Herbs		<i>Gentiana carinata Griseb</i>	MFP	Forest	Natural	Plenty	Rare	used against diarrhea, loss of appetite, heart burn	Root
Herbs		<i>Gentiana Kuroo Royle</i>	MFP	Forest	Natural	Plenty	Rare	rhizome is antihelminthic, diaphoretic, digestive tonic	Rhizomes
Herbs	Kazuban	<i>Arnebia benthamii (Wall. Ex G. Don) Johnston</i>	MFP	Forest	Natural	Plenty	Rare	used as red clour to food, oil & fats, plant also used as diuretic, expectorant, tonic	Flowering, Shoots & Roots
Herbs		<i>(Royle) Kazmi</i>	MFP	Forest	Natural	Plenty	Rare	use to manage disorders like hapatotoxicity	Not Available
Tree	Trikanni	<i>Acer pictum</i>	B/L	Forest	Natural	Plenty	Rare	Use as food ,medicine, ornamental & source of wood	Whole plant
Tree	Bren	<i>Ulmus villosa</i>	B/L	Forest	Natural	Plenty	Rare	Medicinal ,aeromatic, anti-inflammatory, furniture	Bark, Leaves
Tree	Bankhoor	<i>Aesculus indica</i>	B/L	Forest	Natural	Plenty	Rare	Treatment of skin disease, Rh, astringent, narcotic, relief of headache	Leaves, Flowers
Herb	Hamesh-Bahar	<i>Calendula officinalis</i>	MFP	Forest	Natural	Plenty	Rare	Applied on Skin disease, Burns	Flower, leaf
Herb	Banafsha	<i>Viola odorata</i>	MFP	Forest	Natural	Plenty	Rare	Throat problem, Cold, cough	Flower

Fungi		<i>Morchella conica</i>	MFP	Forest	Natural	Plenty	Rare	Indigestion,phlegm,shortness of breath	Whole part
Fungi		<i>Morchilla esculenta</i>	MFP	Forest	Natural	Plenty	Rare	Edible,laxative,Body tonic,stomach problem,economical beneficial	Whole part
Fungi		<i>Aricus campestris</i>	MFP	Forest	Natural	Plenty	Rare	treatment of cancer,Type-2 diabetes,high-cholesterol,digestive problem	Whole part
Fungi		<i>Agaricusmacrocarpus</i>	MFP	Forest	Natural	Plenty	Rare	Intoxicating drink,edible	Whole part
Fungi		<i>Cantharellus cibarius</i>	MFP	Forest	Natural	Plenty	Rare	Anti-microbial,cytotoxicity,Anti-oxidant,wound healing	Whole part
Fungi		<i>Coprinus atramentarius</i>	MFP	Forest	Natural	Plenty	Rare	Balancing blood sugar level,diabetes properties	Whole part
Fungi		<i>Caprinus comatus</i>	MFP	Forest	Natural	Plenty	Rare	Mimics insulin	Whole part
Fungi		<i>Schizophyllum commune</i>	MFP	Forest	Natural	Plenty	Rare	Anti-cancer activity,edible	Whole part
Fungi	Datura	<i>Geatrum triplex</i>	MFP	Forest	Natural	Plenty	Rare	Analgesic,anti-inflammatory,treatment of stomach	Whole part
Fungi		<i>Fomes fomentarius</i>	MFP	Forest	Natural	Plenty	Rare	Laxative,Treatment of cancer	Whole part
Fungi		<i>Fomitopsis pinicola</i>	MFP	Forest	Natural	Plenty	Rare	Anti-tumor,anti-bacterial,anti-viral	Whole part
Fungi		<i>Ganoderma applanatum</i>	MFP	Forest	Natural	Plenty	Rare	Cancer treatment,diabetics	Whole part
Fungi		<i>Ganoderma lucidum</i>	MFP	Forest	Natural	Plenty	Rare	anti-inflammation,Analgesic,Anti-bacterial	Whole part
Fungi		<i>Trametes versicolor</i>	MFP	Forest	Natural	Plenty	Rare	Enhance the health of immune system	Whole part
Fungi		<i>Sparassis crispa</i>	MFP	Forest	Natural	Plenty	Rare	Anti-tumor,Anti-inflammatory,Anti-allergic	Whole part
Fungi		<i>Pleurotus spp.</i>	MFP	Forest	Natural	Plenty	Rare	Anti- Tuber,anti- genotoxic,Anti-oxidant	Whole part
Herb		<i>Amaranthus viridis</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of fever, pain, asthma	Whole part
Herb		<i>Allium cepa</i>	MFP	Forest	Natural	Plenty	Rare	Antiinflammatory, antiseptic	Bulb, Leaves

Herb		<i>Allium humile kunth</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of cholera, dysentery, cough	Bulbs
Herb		<i>Allium sativum</i>	MFP	Forest	Natural	Plenty	Rare	Fever, diabetics, swellings	Bulbs
Herb		<i>Allium semenovii</i>	MFP	Forest	Natural	Plenty	Rare	Reduce blood calastrol level	Bulbs
Herb		<i>Bupleurum bupjucundum</i>	MFP	Forest	Natural	Plenty	Rare	Respiratory infection, swine flu	Aerial Part
Herb		<i>Bupleurum longifolium</i>	MFP	Forest	Natural	Plenty	Rare	Respiratory infection, swine flu	Aerial Part
Herb		<i>Coriandrum sativum</i>	MFP	Forest	Natural	Plenty	Rare	Measals, hemorrhoids, toothache & joint pain	Leaves, Seeds
Herb		<i>Oenanthe javanica</i>	MFP	Forest	Natural	Plenty	Rare	Joundice, abdomnal pain	Whole part
Herb		<i>Pleurosermum brunonis</i>	MFP	Forest	Natural	Plenty	Rare	To cure skin infections, joundice, insect repllents	Flowers
Herb		<i>Pleurosermum stellatum</i>	MFP	Forest	Natural	Plenty	Rare	To make black or red dye, water proof black ink	Flowers
Herb		<i>Aralia cachemirica</i>	MFP	Forest	Natural	Plenty	Rare	To treat RH, Nephritis, Gastritis, inflammation	Whole part
Herb		<i>Arisaema propinquum</i>	MFP	Forest	Natural	Plenty	Rare	Uses in snake bite, RH	Rhizomes
Herb		<i>Begonia rubella</i>	MFP	Forest	Natural	Plenty	Rare	Cure arthrites & common join pain	Whole part
Herb		<i>Hackelia uncinata</i>	MFP	Forest	Natural	Plenty	Rare	Used to cure fractured bones	Leaves, Flowers
Herb		<i>Myosotis alpestris</i>	MFP	Forest	Natural	Plenty	Rare	Lotion for wounds nose bleed	Whole part
Herb		<i>Onosma hispidum</i>	MFP	Forest	Natural	Plenty	Rare	Used as food & medicine, wounds	Roots
Herb		<i>Alliaria petiolata</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of bronchitis, asthma, & Rh	Whole part
Herb		<i>Arabis bijuga</i>	MFP	Forest	Natural	Plenty	Rare	Gastro-intestinal problems, dysentery & stomach ache	Whole part
Herb		<i>Hesperis matronalis</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of Scurvy, oil used in perfumery	Leaves, Flowers

Herb		<i>Lepidium virginicum</i>	MFP	Forest	Natural	Plenty	Rare	To treat vitamin-C deficiency,pains & diabetes	Whole part
Herb		<i>Raphanus sativus</i>	MFP	Forest	Natural	Plenty	Rare	To treat constipation,chronic tracheitis & hypertension	Leaves root
Herb		<i>Sisymbrium irio</i>	MFP	Forest	Natural	Plenty	Rare	Edible,Treat cough & chest congestion, Rh & clean wounds	Leaves, Flowers
Herb		<i>Thlaspi arvense</i>	MFP	Forest	Natural	Plenty	Rare	Antidote,Blood tonic	Seed, Leaf
Herb		<i>Thlaspi cochleariforme</i>	MFP	Forest	Natural	Plenty	Rare	Treated chronic problems related to menses	Leaves, Flowers
Shrub		<i>Sarcococca pruniformis</i>	MFP	Forest	Natural	Plenty	Rare	Laxative,blood purifier	Leaves, Root
Herb		<i>Codonopsis clematidea</i>	MFP	Forest	Natural	Plenty	Rare	Increase red & white blood cells counts & promote blood circulation	Leaves, Flowers
Herb		<i>Codonopsis ovata</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of ulcers & wounds	Leaves, Flowers
Herb		<i>Cyananthus lobatus</i>	MFP	Forest	Natural	Plenty	Rare	Laxative, treatment of serous disorders & constipation	Leaves, Root
Shrub		<i>Lonicera oblate</i>	MFP	Forest	Natural	Plenty	Rare	Used for digestive disorders,including pain & swelling	Aerial Part
Shrub		<i>Scabiosa speciosa</i>	MFP	Forest	Natural	Plenty	Rare	To treat heel cracks,liver diseases	Leaves
Herb		<i>Arenaria bryophylla Fernald</i>	MFP	Forest	Natural	Plenty	Rare	useful in diarrhoea & vomiting	Aerial Part
Herb		<i>Cerastium cerastoides (L.) Britton</i>	MFP	Forest	Natural	Plenty	Rare	Anti bacterial activity	Flowers, stem
Herb		<i>Dianthus angulatus Baumg</i>	MFP	Forest	Natural	Plenty	Rare	Used as a tonic for urinary system,digestive system & bowls	Leaves
Herb		<i>Anaphalis nepalensis (Spreng.) Hand.-Mazz.</i>	MFP	Forest	Natural	Plenty	Rare	Respiratory problems including asthma, cough etc.	Flowers

Herb		<i>Anaphalis triplinervis</i> (Sims) C. B. Clarke	MFP	Forest	Natural	Plenty	Rare	Emilepsy, laceration of toes & wounds	Flowers
Herb		<i>Anaphalis margaritaceae</i> L.	MFP	Forest	Natural	Plenty	Rare	Diarrhoea, dysentery, Rh, joints	Flowers
Herb		<i>Artemisia dubia</i> Wall.	MFP	Forest	Natural	Plenty	Rare	Cuts & wounds	Leaves
Herb		<i>Artemisia scoparia</i> Waldst. & Kitam.	MFP	Forest	Natural	Plenty	Rare	Anticeptic, Antipyretic	Leaves
Herb		<i>Artemisia vestita</i> Wall. ex Besser	MFP	Forest	Natural	Plenty	Rare	Inflammatory diseases	Leaves
Herb		<i>Aster diplostephioides</i> (DC.) C. B. Clarke	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Flowers
Herb		<i>Aster falconeri</i> (C. B. Clarke) Hutch.	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Flowers, Root
Herb		<i>Aster flaccidus</i> Bunge	MFP	Forest	Natural	Plenty	Rare	Tuberculosis & pertussis	Flowers, Root
Herb		<i>Aster molliusculus</i> (Lindl. ex DC.) C.B. Clarke	MFP	Forest	Natural	Plenty	Rare	Antibacterial, skin infection, ulcers & wounds	Flowers, Root
Herb		<i>Cicerbita macrorhiza</i> (Royle) Beauverd	MFP	Forest	Natural	Plenty	Rare	Fever	Whole part
Herb		<i>Gnaphalium stewartii</i> C.B. Clarke	MFP	Forest	Natural	Plenty	Rare	Sciatica, Rh pain	Leaves, Flowers
Herb	Sunflower	<i>Helianthus annuus</i> L.	MFP	Forest	Natural	Plenty	Rare	High fever, snake bite	Leaf, Seed
Herb		<i>Sonchus asper</i> (L.) Hill	MFP	Forest	Natural	Plenty	Rare	Anti-bacterial & Anti-fungal	Leaves

Herb		<i>Tanacetum dolichophyllum Kitam.</i>	MFP	Forest	Natural	Plenty	Rare	Fever, migrana, headache, Rh	Flowers
Herb		<i>Tussilago farfara L.</i>	MFP	Forest	Natural	Plenty	Rare	Disorder of the respiratory tract, skin, cold	Leaf
Herb		<i>Waldheimia glabra (Decne.) Regel</i>	MFP	Forest	Natural	Plenty	Rare	Influenza virus & anti complementry extract	Leaves, Flowers
Herb		<i>Waldheimia tomentosa (Decne.) Regel</i>	MFP	Forest	Natural	Plenty	Rare	Stomach ache problem	Leaves, Flowers
Herb		<i>Youngia japonica (L.) DC.</i>	MFP	Forest	Natural	Plenty	Rare	Boils & snake bites	Leaves, Flowers
Herb		<i>Rhodiola heterodonta (Hook. f. & Thomson) Boriss.</i>	MFP	Forest	Natural	Plenty	Rare	Anxiety, fituge & dipression	Rhizomes
Herb		<i>Rhodiola wallichiana (Hook.) S.H. Fu</i>	MFP	Forest	Natural	Plenty	Rare	Anxiety, fituge & dipression	Leaves, Flowers
Herb		<i>Rosularia alpestris (Kar. & Kir.) Boriss.</i>	MFP	Forest	Natural	Plenty	Rare	Ornamental garden plants, Traditional Medicines	Whole part
Climber		<i>Cucumis sativus L.</i>	MFP	Forest	Natural	Plenty	Rare	Blemished skin, heart rash, burns, sores	Whole part
Climber		<i>Cucurbita pepo L.</i>	MFP	Forest	Natural	Plenty	Rare	Anti inflamentry, anti viral, anti ulcer	Whole part
Shrub		<i>Datisca cannabina L.</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of Rh	Root
Herb		<i>Equisetum arvense L.</i>	MFP	Forest	Natural	Plenty	Rare	Stop bleeding, heal ulcer & wounds	Whole part
Shrub		<i>Gaultheria trichophylla Royle</i>	MFP	Forest	Natural	Plenty	Rare	Anti oxidant & anti inflamentry	Whole part

Herb		<i>Euphorbia cornigera</i> <i>Boiss.</i>	MFP	Forest	Natural	Plenty	Rare	Breathing disorders including asthma, bronchitis	Leaves, Flowers
Herb		<i>Euphorbia</i> <i>thomsoniana Boiss.</i>	MFP	Forest	Natural	Plenty	Rare	Breathing disorders including asthma, bronchitis	Leaves, Flowers
Tree		<i>Quercus baloot</i> Griff.	B/L	Forest	Natural	Plenty	Rare	Anti bacterial potential	Whole part
Tree		<i>Quercus</i> <i>semecarpifolia Sm.</i>	B/L	Forest	Natural	Plenty	Rare	Diarrhoea, dysentery	Whole part
Herb		<i>Gentiana cachemirica</i> <i>Decne.</i>	MFP	Forest	Natural	Plenty	Rare	Digestion problem	Leaves, Flowers
Herb		<i>Gentiana ornata</i> <i>(D.Don) Wall. ex</i> <i>Griseb.</i>	MFP	Forest	Natural	Plenty	Rare	Diarrhoea, dysentery	Leaves, Flowers
Herb		<i>Gentiana phyllocalyx</i> <i>C.B Clarke</i>	MFP	Forest	Natural	Plenty	Rare	Diarrhoea, dysentery	Leaf, sepal
Herb		<i>Gentiana</i> <i>tianschanica Rupr. ex</i> <i>Kusn.</i>	MFP	Forest	Natural	Plenty	Rare	Digestion problem	Whole part
Herb		<i>Gentianella</i> <i>moorcroftiana (Wall.</i> <i>ex Griseb.) Airy Shaw</i>	MFP	Forest	Natural	Plenty	Rare	Cold cough, nausea	Leaf
Herb		<i>Jaeschkea</i> <i>oligosperma Knobl.</i>	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Whole part
Herb		<i>Swertia ciliata (D.</i> <i>Don ex G. Don) B.L.</i> <i>Burt</i>	MFP	Forest	Natural	Plenty	Rare	Skin diseases, cancer	Whole part

Herb		<i>Swertia petiolata</i> Royle ex D.Don	MFP	Forest	Natural	Plenty	Rare	Inflammation of the liver & high blood pressure	Whole part
Herb		<i>Swertia speciosa</i> G.Don	MFP	Forest	Natural	Plenty	Rare	Asthma, liver disorder	Root
Herb		<i>Erodium cicutarium</i> L. (L.) Her	MFP	Forest	Natural	Plenty	Rare	Typhoid, fever	Whole part
Herb		<i>Geranium lambertii</i> Sweet	MFP	Forest	Natural	Plenty	Rare	Skin problem, reduces strss	Dried leaves
Herb		<i>Geranium himalayense</i> Klotzsch	MFP	Forest	Natural	Plenty	Rare	Garden uses, beds & borders	Whole part
Herb		<i>Geranium nepalense</i> Sweet	MFP	Forest	Natural	Plenty	Rare	Nervous diseseas, pains, Rh	Whole part
		<i>Geranium pusillum</i> L.	MFP	Forest	Natural	Plenty	Rare	Used as an Anodyne, Astringent	Whole part
Herb		<i>Geranium rotundifolium</i> L.	MFP	Forest	Natural	Plenty	Rare	Used as an Anodyne, Astringent	Whole part
Herb		<i>Geranium wallichianum</i> D.Don ex Sweet	MFP	Forest	Natural	Plenty	Rare	Peptic ulcers, cure toothache	Whole part
Shrub		<i>Ribes nigrum</i> L.	MFP	Forest	Natural	Plenty	Rare	Useful in allergy, fatigue, rhimities	Whole part
Shrub		<i>Ribes himalense</i> Royle ex Decne.	MFP	Forest	Natural	Plenty	Rare	Used as food & medicine	Fruit
Herb		<i>Hypericum japonicum</i> Thunb.	MFP	Forest	Natural	Plenty	Rare	Asthama & dycenty	Leaves, Flowers

Shrub		<i>Philadelphus tomentosus wall ex G. Don</i>	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Leaves, Flowers
Herb		<i>Ajuga integrifolia Buch.-Ham.</i>	MFP	Forest	Natural	Plenty	Rare	Diarrhea, Malaria	Leaf
Herb		<i>Clinopodium vulgare L.</i>	MFP	Forest	Natural	Plenty	Rare	Overcome weak digestion	leaves
Herb		<i>Elsholtzia ciliata (Thunb.) Hyl.</i>	MFP	Forest	Natural	Plenty	Rare	Common cold, fevers, headache	Whole part
Shrub		<i>Isodon rugosus (Wall. ex Benth.) Codd</i>	MFP	Forest	Natural	Plenty	Rare	Tooth ache, gastric pain,	Whole part
Herb		<i>Lamium album L.</i>	MFP	Forest	Natural	Plenty	Rare	Abnormal vaginal discharge, & to relieve painful periods	Leaves, Flowers
Herb		<i>Leonurus cardiaca L.</i>	MFP	Forest	Natural	Plenty	Rare	Gynecological afflictions	Seed
Herb		<i>Mentha arvensis L.</i>	MFP	Forest	Natural	Plenty	Rare	Diarrhea & Dysentery, stomach problem	Leaves
Herb	Soyabean	<i>Glycine max (L.) Merr.</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of oedema, dysuria	Seed
Herb		<i>Lotus corniculatus L.</i>	MFP	Forest	Natural	Plenty	Rare	Anti-inflammatory, Skin inflammation	Flowers
Shrub		<i>Robinia pseudoacacia L.</i>	MFP	Forest	Natural	Plenty	Rare	Wounds, Pain reliever	Dried leaves
Herb		<i>Trifolium pratense L.</i>	MFP	Forest	Natural	Plenty	Rare	Antispasmodic, Anti-inflammatory	Leaves flower
Herb		<i>Trifolium repens L.</i>	MFP	Forest	Natural	Plenty	Rare	Gout, Cough, Eyewash	Leaves flower
		<i>Vicia rigidula Royle</i>	MFP	Forest	Natural	Plenty	Rare	Weight loss	Leaves flower
Herb		<i>Fritillaria roylei Hook.</i>	MFP	Forest	Natural	Plenty	Rare	Anti-Asthmatic, Anti- Rh	Root

Herb		<i>Lilium polyphyllum</i> D.Don	MFP	Forest	Natural	Plenty	Rare	Diuretic, Anti-pyruetic	Bulbs
Herb		<i>Lavatera</i> <i>cachemiriana</i> Cambess.	MFP	Forest	Natural	Plenty	Rare	Throat problem, mild laxative	Leaf, Flower
Tree		<i>Ficus carica</i> L.	MFP	Forest	Natural	Plenty	Rare	Respiratory problems, Anti-inflammatory	Fruit, leaves
Tree		<i>Morus alba</i> L.	MFP	Forest	Natural	Plenty	Rare	Asthma, Bronochits	Bark
Climber		<i>Jasminum humile</i> L.	MFP	Forest	Natural	Plenty	Rare	Heart bowels, Astringent	Roots, Flower
Climber		<i>Jasminum officinale</i> L.	MFP	Forest	Natural	Plenty	Rare	Hepatitis, Diarrhea, Cancer treatment	Flower
Shrub		<i>Syringa emodi</i> Wall. ex. Royle.	MFP	Forest	Natural	Plenty	Rare	Stomach treatment, instential problems	Seed, Fruit
Herb		<i>Epilobium</i> <i>angustifolium</i> L.	MFP	Forest	Natural	Plenty	Rare	Anti- septic, ulcers, inflammation	Whole part
Herb		<i>Epilobium latifolium</i> L.	MFP	Forest	Natural	Plenty	Rare	Analgesic, Antidote	Whole part
		<i>Epilobium royleanum</i> Hauskn.	MFP	Forest	Natural	Plenty	Rare	Treatment & prostate bladder	Whole part
Herb		<i>Calanthe tricarinata</i> Lindl.	MFP	Forest	Natural	Plenty	Rare	Asthma, Coughing	Leaves flower
Herb		<i>Cypripedium</i> <i>cordigerum</i> D.Don	MFP	Forest	Natural	Plenty	Rare	Fever, Backache	Fruit
Shrub		<i>Arundo donax</i> L.	MFP	Forest	Natural	Plenty	Rare	Basket making, Diuretic, Diaphroetic	Grass
Herb		<i>Bothriochloa</i> <i>ischaemum</i> (L.) Keng	MFP	Forest	Natural	Plenty	Rare	Agro-forestry use	Grass
Herb		<i>Bromus catharticus</i> Vahl	MFP	Forest	Natural	Plenty	Rare	Agro-forestry use	Grass

Herb		<i>Aquilegia fragrans</i> Benth.	MFP	Forest	Natural	Plenty	Rare	Sedative, Diarrhea,jaundice	Whole part
Herb		<i>Aquilegia nivalis</i> Falc. ex B. D. Jacks.	MFP	Forest	Natural	Plenty	Rare	Cough & Cold	Rhizomes
Herb		<i>Delphinium</i> <i>brunonianum</i> Royle	MFP	Forest	Natural	Plenty	Rare	Local Medicines,Usee as oil	Whole part
Herb		<i>Delphinium</i> <i>cashmerianum</i> Royle	MFP	Forest	Natural	Plenty	Rare	Intestinal worms,insomia	Roots
Herb		<i>Delphinium vestitum</i> Wall. ex Royle	MFP	Forest	Natural	Plenty	Rare	Cuts ,Dysentry, Rh,Ulcers	Leaves
Herb		<i>Ranunculus distans</i> Royle	MFP	Forest	Natural	Plenty	Rare	Anti-Rh, Intermittent fever	Leaves
Herb		<i>Ranunculus hirtellus</i> Royle	MFP	Forest	Natural	Plenty	Rare	Curing swellingin testes	Leaves, Flowers
Herb		<i>Thalictrum foliolosum</i> DC.	MFP	Forest	Natural	Plenty	Rare	Tonic diuretic, Snakebite, jaundice, Rh	Roots
Herb		<i>Thalictrum virgatum</i> Hook. & Thomson	MFP	Forest	Natural	Plenty	Rare	Fever,dysentry, Bloodshot eyes, sore throat	Root, Rhizomes
Herb		<i>Potentilla cuneata</i> Wall. ex Lehm.	MFP	Forest	Natural	Plenty	Rare	Diarrhea, menstraul bleeding	Leaves, Flowers
Tree		<i>Populus ciliata</i> Wall. ex Royle	B/L	Forest	Natural	Plenty	Rare	Making boxes for packing purposes, furniture & cross beams	Whole part
Herb	Guggi Van	<i>Pleurospermum</i> <i>candollei</i>	MFP	Forest	Natural	Plenty	Rare	Used in folk medicines	Whole part

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					
	Deodar	<i>Cedrus deodara</i>	Protected/ Reserve forest	common	Rare	Wild	Timber			
	Fir	<i>Abis pindrow</i>								
	Kail	<i>Pinus wallichina</i>								
	Spruce	<i>Picea smithiana</i>					Timber			
	Wallnut	<i>Juglans regia</i>	Protected/ Reserve forest	Common	Common	Wild/private land	Wood/fruit			

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 & services	Community know holders
						Past	Present					
Sheep	Bhead	<i>Ovis aries</i>	Local	Small size, rough coat	Flock rearing	Plenty	Rear	Mutton, wool & manure	Yes	Least	Mutton, wool, manure, bones, hides	Locals & Nomads
Sheep	Bhead	<i>Ovis aries</i>	Rambouillet Cross (Cross Bred)	Large size, fine wool	Flock rearing	Rear	Plenty	Mutton, wool & manure	Yes	Least	Mutton, wool, manure, bones, hides	Locals & Nomads
Goat	Bakri	<i>Capra hircus</i>	Local	Small size, low body weight	Flock rearing	Plenty	Rear	Chevon, milk & manure	Yes	Least	Chevon, manure, wool, bones, hides	Locals & Nomads
Goat	Bakri	<i>Capra hircus</i>	Kaghani (Bakarwali)	Large size, high body weight	Flock rearing	Rear	Plenty	Chevon & manure	Yes	Least	Chevon, manure, wool, bones, hides	Locals & Nomads
Cow	Gaay	<i>Bos indicus</i>	Local	Humped	Semiintensive	Large	Less	Milk	Milk good for brain	Least	Ghee, curd, Butter, kaladi, cheese	Local
Buffalo	Bhains	<i>Bubblous bubalis</i>			Semiintensive	Large	Less	Milk	Ploughing	Least	Ploughing, carting	Local
Mule	Khachhar	<i>Equus asinus</i>								Least		Local
Donkey	Gadda	<i>Equus asinus</i>			Domesticated, free roaming	Available	Available	Drought	-	Least	loading drought	Local
Yak	Chanwar	<i>Bos grunniens</i>								Least		Local

Horse	Ghorda	<i>Equscabalus</i>			Domesticated	Available	Available	Drought	-	Least	Drought, racing	Local
ox	Bail	<i>Boss spp</i>			domesticated	available	available	plothing & Carriage		Least	no	Local
Dog	Kutta	<i>Cannis lupus</i>			House	Available	Available	-	N/A	Least	-	Local

FORMAT 17 : Markets/Fairs for Domesticated Animals, Medicinal Plants and other Products

1	2	3	4	5	6	7	8	9
Name of the weekly Market Fair	Location	Weekly /Fortnightly & Others Bi-Annual/Annual	Day Held	Month in case of BI-Annual or Annual Market Fair	Types of Animal Bought & Sold	No of Animals transacted in a day Average	Places from where the Animals are arrived	Places to where the Animals are transported
Annual Fruit Market during Hud Mata yatra	Loharna-B	Annual	During Machail Yatra	June - July	Nil	Nil	Nil	Nil
Trisandya Yatra		Annual						

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					
Shurb	Ban Kakkri	<i>Podophyllum hexandrum</i>	Grow Annually	Forest	Plenty	Endangered	<i>Useful to the skin for removal of warts, including plantar warts & sexually transmitted warts.</i>	Fruit			Inhabitants of the area.
Herb	Kuth	<i>Saussurea costus</i>	Grow Annually	Forest	Plenty	Rare	<i>The root & oil from the root are used to make medicine. treating for asthma, cough, gas, worm(nematode).</i>	Root/ Rhizome			
Herb	Murg jawain, Bajarbh ang	<i>Hyoscyamus niger</i>	Grow Annually	Forest	Plenty	Rare	<i>Useful for ailments of the bones, Rh, toothache, asthma, cough nervous disease & stomach pain.</i>	Seeds			
Herb	Guggal/Dhoop	<i>Jurinea dolomiaca</i>	Grow Annually	Forest	Plenty	Rare	<i>useful for the treatment of fevers. The root extract is used as an incense, skin eruption, gout & Rh,</i>	Roots			
Herb	Rohan-hak/ Pran/ Gogcheegma	<i>Allium carolinianum</i>	Grow Annually	Forest	Plenty	Rare	<i>Contain sulphur compounds (which give them their onion flavour) help to reduce blood cholesterol levels, acts as a tonic to the digestive system</i>	Bulbs, Leaves, Flowers			

Herb	Gaozabaan (Ratanjot)	<i>Amebia benthami</i>	Grow Annually	Forest	Plenty	Rare	<i>Used for imparting pleasing red colour to fodstuff,oils & fats. The flowering shoots are used in prepration of Shrubet(syrup) & jam useful in various disease of tongue,throat,fever & cardiac disorders</i>	Roots, Rhizomes
Shurb	Dhatura	<i>Dhatura metel</i>	Grow Annually	Forest	Plenty	Rare	<i>Used to treat hydrophobia,epilepsy,convulsion,syphilis,inflammation of the breasts,smallpox,mumps & leprosy,also used as a pesticide.</i>	Seeds
Shurb	Seski (murin)	<i>Artemisia brevifolia</i>	Grow Annually	Forest	Plenty	Rare	<i>Used as a digestive & carminative & hence mixed with meat dishes,known to be an anthelmintic,aphrodisiac,antiseptic,laxative,blood purifier & antidote to scorpion stings.</i>	Leaves
Herb	Zakhm-e-hayaat	<i>Bergenia ciliata</i>	Wild	Forest	Plenty	Rare	<i>Useful for the treatment of uterine contraction,ulcers,fever & kidney stone,also treat throat infection,diabetes.</i>	Leaves & Roots
Shurb	Kalveuth	<i>Prunella vulgaris</i>	Grow Annually	Forest	Plenty	Rare	<i>Useful to treat infections & other illnesses,inflammation,protect against cancer,prevent diabetes complications.</i>	Leaves & Flowers
	Ravend-Chini (Pambchalan)	<i>Rheum australe</i>	Grow Annually	Forest	Plenty	Sporadic	<i>Used as laxative & also used in various herbal preparations.</i>	Roots, Rhizomes

Herb		<i>Cardamine macrophylla</i>	Wild	Forest	Plenty	Rare	Medicinal uses, as a vegetable	Leaves, Flowers	Inhabitants have got knowledge w.r.t identification /common use of species	Bonafide purpose	
Herb		<i>Crucihimalaya himalaica</i>	Wild	Forest	Plenty	Rare	Traditional Medicines	Whole part			
Herb		<i>Crucihimalaya mollissima</i>	Wild	Forest	Plenty	Rare	Traditional Medicines	Whole part			
Herb		<i>Erysimum hieraciifolium</i>	Wild	Forest	Plenty	Rare	Edible	Leaves			
Herb		<i>Hesperis matronalis</i>	Wild	Forest	Plenty	Rare	Treatment of Scurvy,oil used in perfumery	Leaves, Flowers			
Herb		<i>Lepidium virginicum</i>	Wild	Forest	Plenty	Rare	To treat vitamin-C deficiency,pains & diabetes	Whole part			
Herb		<i>Raphanus sativus</i>	Cultivated	Forest	Plenty	Rare	To treat constipation,chronic tracheitis & hypertension	Leaves root			
Herb		<i>Sisymbrium irio</i>	Wild	Forest	Plenty	Rare	Edible,Treat cough & chest congestion, Rh & clean wounds	Leaves, Flowers			
Herb		<i>Thlaspi arvense</i>	Wild	Forest	Plenty	Rare	Antidote,Blood tonic	Seed, Leaf			
Herb		<i>Thlaspi cochleariforme</i>	Wild	Forest	Plenty	Rare	Treated chronic problems related to menses	Leaves, Flowers			
Shrub		<i>Sarcococca pruniformis</i>	Wild	Forest	Plenty	Rare	Laxative,blood purifier	Leaves, Root			
Herb		<i>Campanula aristata</i>	Wild	Forest	Plenty	Rare	Traditional Medicines	Whole part			
Herb		<i>Campanula cana</i>	Wild	Forest	Plenty	Rare	Traditional Medicines	Whole part			

Herb		<i>Pilea umbrosa Blume</i>	Wild	Forest	Plenty	Rare	Traditional Medicines	Whole part		
Herb		<i>Viola biflora L.</i>	Wild	Forest	Plenty	Rare	Anti-inflammatory, Laxative	Whole part		
Herb		<i>Viola canescens Wall.</i>	Wild	Forest	Plenty	Rare	Cough,cold, flu,fever & Malaria	Root, leaves		
Climber		<i>Vitis vinifera L.</i>	Wild	Forest	Plenty	Rare	Natural Anti-oxidant	Fruit, leaves		
Herb	Sanjeevani	<i>Rhodiola fastigiata</i>	Wild	Forest	Plenty	Rare	Traditional Medicines	Whole part		
Herb	Guggi Van	<i>Pleurospermum candollei</i>	Wild	Forest	Plenty	Rare	Used in folk medicines	Whole part		

Format-19 : Wild Plant Species of Importance.

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Dhoop	<i>Jurinea dolomiaea</i>	Herb	Economic, social, cultural	Used in aromatics and found in abundance
2	Gucchi	<i>Morchella esculanta</i>	Mashroom	Economic	Fungus. Collected during April-May having high market value
3	Jungli Pudina	<i>Mentha</i>	Herb	Social	Used a spice
4	Kasroad	<i>Pteridium aquilinum</i>	Herb	Economic, social, cultural	Used as vegetable and found in wild from April to May
5	Nagchattri	<i>Trillium govanianum</i>	Heb	Economic	Collected from the forest on the tender has got high market value
6	Pastul	<i>Taxus baccata</i>	Tree	Economic, social, cultural	Heving Medicinal value used for treatment of Cancer

FORMAT-20 Aquatic Bio-Diversity

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				
Frog (Mundak)	<i>Rana tigrana</i>	-	Long very powerful back led and web feet	Pond/river	Plenty	Rare	Important role in food chain	Frog are natures pharmacy and provide a very efficient transfer of solar energy	Maintain food chain and food wed.	Locals
Brown Trout	<i>Salmon truta fario spp.</i>	Introduced	Back side brownish in color, side are olive with blotted black spots few scattered red spots, two dorsal fins present, 1 st having soft rays and 2 nd one adipose body elongated somehow compressed very small teeth present	Cold Pockets, snow fed areas	Plenty	Plenty	Food	Commercially important Fish food and sports	Mode of catching hand net availability round the year & breeding season December to February	Anglers and fisheries department
Watercress (Nag Biber)	<i>Nasturtium officinale</i>	Aquatic flowering plant	Rapid growing perennial plant	Pond / watery place	Plenty	Plenty	As vegetable	Oldest known leaf vegetables consumed by human	Its high content of Vitamin C makes it remedy such that particular valuable for chronic illnesses	Locals
Maiden hair (Ghvtheer)	<i>Adiantum caudatum</i>	Aquatic Grass	It is a perennial fern producing fronds	Found in shaded areas	Plenty	Plenty	As vegetable	Rich in vitamin-B	It is used n the treatment of chest infection, cough, diabetes, fever and skin disease	Locals

Format-21 : Wild Aquatic Plant Species of Importance.

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	-----Nil-----				
2					
3					

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					
	Banafsha	<i>Viola serpen wallich</i>	Herb		Common	Common		Medicinal use	whole plant/preferably flower		
	Bankakri	<i>Podophyllum hexandrum</i>	Herb		Common	Endangered		Medicinal use	Root/Rhizomes		
	Belladona	<i>Atropa belladona</i>	Herb		Common	Threatened		Medicinal use	Root/Leaves		
	Bhang	<i>Cannbis sativa</i>	Herb		Common	Common		Medicinal use	Leaves/seed		
	Chouri	<i>Angelica glauca</i>	Herb		Common	Endangered		Medicinal use	Root/Rhizomes		
	Dhoop	<i>Jurinea dolomiaca</i>	Herb		Common	Endangered		Aromatic	Root		
	Guchhi/Black Mashroom	<i>Morchella esculant</i>	Fungi		Seasonal Common	Seasonal Common		Edible mashroom. Highly nutrittional and medicinal use	Entire Mushroom		
	Kour	<i>Picrorhiza kurrooa</i>	Herb		Common	Rare & threatened		Medicinal use	Root/Rhizomes		
	Kanies	<i>Disscorea deltoridea</i>	Herb		Common	Common		Medicinal use	Rhizomes		

Medicinal Plants

Kuth	<i>Saussurea lappa</i>	Herb
Kakarsinghi	<i>Pistacia intergerrima</i>	Herb
Kahzaban	<i>Macrotomia benthami</i>	Herb
Mushakballa	<i>Valeriana jatamansi</i>	Herb
Morin	<i>Artemisia maritima</i>	shurb
Nagchatri	<i>Trillium govaniaun</i>	Herb
Patis	<i>Aconitum heterophyium</i>	Herb
Panchalan	<i>Rheom australe</i>	Herb
Postul	<i>Taxus baccata</i>	Tree
Zakhamahayat	<i>Saxifraga ligulata</i>	Herb

Reserved/
Protected forest

Common	Endangered
Common	Common
Common	Common vulnerable
Common	
Common	Common
Common	Common vulnerable
Common	Threatened
Common	Sporadic
Common	Endangered
Common	Common

Local having good knowledge with respect to identification of the species and their uses.

Medicinal use	Root	
Medicinal use	Leaves	
Medicinal use	Root	
Medicinal use	Root/Rhizomes	
Medicinal use	Leaves	
Medicinal use	Rhizomes	
Medicinal use	Roots/Tubers	
Medicinal use	Root/Bark	
Medicinal use	Bark/Leaves	
Medicinal use	Leaves	

Zamindars living in the vicinity of the forest are well versed with the medicinal uses of NTFPs found in the forest

	Zera	<i>Cuminum cyminum</i>	Herb		Not so common	Not so common		Spices	Seed		
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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					
Datura	<i>Datura stramonium</i>	Apple, pear, all domestic crops	Low land valley/wild	Plenty	Plenty	Asthama	Leaves	Fruit, leaves & flowers are offered to Lord Shiva	Weed / Medicinal use	Local
Vanpraan	<i>Allium atropurpureum</i>	All agricultural crop	Mountainous region	Plenty	Rare	Food	Leaves and flowers	Medicinal value	Exotic plant used as vegetable	Local
Hund	<i>Taraxacum officinale</i>	Agricultural crop	Mountainous region/ Low land valley	Plenty	Plenty	Food	Leaves	Medicinal value	Used as vegetable	Local
Sochal	<i>Malva neglecta</i>	Agricultural crop	Mountainous region/ Low land valley	Plenty	Rare	Food	Leaves	Medicinal value	Used as vegetable	Local
Seski	<i>Artemisia vestita</i>	Agricultural crop	Low land valley/wild	Plenty	Plenty	Stomach diseases	Leaves	Used in stomach pain	NTPF / medicinal use	Local

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
Chinar	<i>Plantanus orientalis</i>	Broad leave	Govt./ private premises	Non-commercial	Provide cool shade and home for many birds	Leaves are used as kangri fuel	Locals
Sarva kull	<i>Cupressus cashmeriana</i>	Kashmiri cypress	Govt./ private premises	Non-commercial	Ornamental plant	Provides scenery/beauty of the area	Locals
Ier kull	<i>Salix alba</i>	Weeping willow	Govt./ private premises	Commercial	Provides scenery/beauty of the area	Used in making cricket bats	Locals
Safeda	<i>Populus</i>	Populus	Govt./ private premises	Commercial	Provides scenery/beauty of the area	Used in fruit packing industries	Locals
Gainda	<i>Tagetes erecta</i>	Local/wild	Home Garden	Non-commercial	Ornamental	Religious	Locals
Gulab	<i>Rose indica</i>	Local /wild	Home Garden	Non-commercial	Ornamental	Religious	Locals
Daliya	<i>Dahlia pinnata</i>	Local home plant	Home Garden	Non-commercial	Ornamental	Religious	Locals
Nargis	<i>Narcissus poeticus</i>	Local /wild	Home Garden	Non-commercial	Ornamental	Religious	Locals
chamely	<i>Jasminum</i>	Local /wild	Home Garden	Non-commercial	Ornamental	Religious	Locals

Format-25 : Fumigate/ Chewing Plants.

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community Knowledge Holder
					Past	Present					
	Jungli pudina	<i>Mentha longifolia</i>					Cooling medicine	Leaves			
	Bantambaku	<i>Verbascum thapsus</i>					Narcotic	Leaves			
Shrub	Bhang	<i>Cannabis sativa</i>					Do	leaves			
Herb	Dhoop	<i>Jurinea dolomiaea</i>					Religious/ cultural/Medicine				
Trees	Khor/Dun	<i>Juglanas regia</i>					Tooth ache	Leaves pericarp			
Shrub	Gurkass	Kashmiri	Broad Leaved	Low land	Plenty	lessAbundant	Tooth ache	Leaves pericarp		Bonafide purpose	Inhabitants of the area
Trees	Willow	<i>Salix alba</i>	Broad Leaved	Low land	Plenty	lessAbundant	Tooth ache	Leaves pericarp		Bonafide purpose	Inhabitants of the area
Herb	chorak	<i>Angelica glauca</i>	Broad Leaved	Low land	Plenty	lessAbundant	To avoid insect damage to garments	Roots		Bonafide purpose	Inhabitants of the area

Format-26 : Timber Plants.

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local status		Other Uses, if any	Associated TK	Other Details	Community Knowledge Holder
			Past	Present				
Akhroot	<i>Juglans regia</i>	Reserved/Protected /private land	Common	Common	Wood for furniture/edible fruit	Local Zamindars well acquainted		
Deodar	<i>Cedrus deodara</i>	Reserved/Protected	Common	Common	Timber			
Fir	<i>Abies pindrow</i>	Reserved/Protected	Common	Common	Timber			
Kail	<i>Pinus wallichiana</i>	Reserved/Protected	Common	Common	Timber			
Spruce	<i>Picea smithiana</i>	Reserved/Protected	Common	Common	Timber			

FORMAT 27 A:- Coastal and Marine Flora

Plant Type	Local name	Scientific name	Habitats	Local Status		Parts Collected (If any)	Commercial Uses (If any)	Other Uses	Associated TK	Community Know holder
				Past	Present					
Nil	Nil	Nil	Nil	Nil	Nil		Nil		Nil	Nil

FORMAT 27 B:- Coastal and Marine Fauna

Animal Type	Local name	Scientific name	Habitats	Local Status		Parts Collected (If any)	Commercial Uses (If any)	Other Uses	Associated TK	Community Know holder
				Past	Present					
Nil	Nil	Nil	Nil	Nil	Nil		Nil		Nil	Nil

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	Session when seen	Local status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community Knowledge Holder
						Past	Present					
Mammal	Common leopard	<i>Panthera pardus</i>	Forest		Both summer/winter	Available	Available					
	Black bear	<i>Ursus amercians</i>	Forest		Do	Available	Available					
	Ibex	<i>Capera ibex</i>	Forest		Do	Available	Available					
	Kashmir Musk deer	<i>Moschus cupreus</i>	Forest		Do	Available	Available					
	Red fox	<i>Vulpes vulpus</i>	Forest		Every season	Available	Available					
	Jungle cat	<i>Felis chaus</i>	Forest		Every season	Available	Available					
	Leapord cat	<i>Prionailurus bengalensis</i>	Forest		Every season	Available	Available					
	Porcupine	<i>Erethizon dorsatum</i>	Forest		Every season	Available	Available					
	Small indian mongoose	<i>Herpestes javanicus</i>	Forest		Every season	Available	Available					
	Kashmir grey langoor	<i>Semnopithecus ajax</i>	Forest		Every season	Available	Available					
	Black redstart	<i>Phoenicurus ochruros</i>	Every where		summer	Available	Available					

Format-29 : Flora.

1	2	3	4	5	6	7
S. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare/ Common etc.)
1	Deodar	<i>Cedrus deodara</i>	Tree	Forest	September to October	Rare
2	kail	<i>Pinus wallichiana</i>	Tree	Forest	September to October	Rare
3	Mooiin	<i>Artemisa meritima</i>	Herbs	Forest	May June	Common
4	Phrast	<i>Populas alba</i>	Tree	Forest	March April	Rare
5	Walnut	<i>Juglans regia</i>	Tree	Forest	March April	Common
6	Brahmi	<i>Texux wallichiana</i>	Tree	Forest	September October	Common
7	Hum	<i>Fraxinus excelsior</i>	Tree	Forest	April May	Common
8	Gulab	<i>Rosa indica</i>	Shrub	Forest	April May	Common
9	Champ	<i>Alnus nitida</i>	Tree	Forest	April May	Common
10	Gugu	<i>Aesculus indica</i>	Tree	Forest	April May	Common
11	Apple	<i>Malus domestica</i>	Tree	Domesticated	April May	Common
12	Bhojpatra	<i>Betula utilis</i>	Tree	Forest	April May	Common
13	Heru	<i>Quercus ilex</i>	Tree	Forest	April May	Common
14	Safeda	<i>Eucalyptus globulus</i>	Tree	Forest	April May	Common
15	Nashpati	<i>Pyrus communis</i>	Tree	Domesticated	April May	Common
16	Tulkul/Mulbary	<i>Morus alba</i>	Tree	Forest	April May	Common
17	Cher/Apricot	<i>Prunus domestica</i>	Tree	Domesticated	April May	Common
18	Chinar	<i>Platanus orientalis</i>	Tree	Domesticated	April May	Rare

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-30 : Fauna.

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Type of Animals (Mammals/ Birds/ Fish/ Insect etc.)	Habitat	Remarks (Rare/ Common etc.)
1	leopard	<i>Panthera pardus</i>	Mammal	Forest	Rare
2	Ibex	<i>Capra ibex</i>	Mammal	Do	Rare
3	Black bear	<i>Ursus americanus</i>	Mammal	Do	Rare
4	Musk deer	<i>Moschus</i>	Mammal	Do	Rare
5	Wild goat	<i>Capra aegagrus</i>	Mammal	Do	Rare
6	Wild dog	<i>Lycaon pictus</i>	Mammal	Do	Rare
7	Wild fox	<i>Vulpes vulpes</i>	Mammal	Do	Common
8	Wild cat	<i>Felis silvestris</i>	Mammal	Do	Common
9	Wild shawl	<i>nudibranchs</i>	Mammal	Do	Common
10	Pintail	<i>Anas acuta</i>	Bird	Every where	Common
11	parrot	<i>Psittaciformes</i>	Bird	Do	Common
12	Pigeon	<i>Columbidae</i>	Bird	Do	Common
13	House Sparrow	<i>Passer domesticus</i>	Bird	Do	Common
14	Sparrow	<i>Passeridae</i>	Bird	Do	Common
15	crow	<i>Corvus</i>	Bird	Do	Common
16	Spider	<i>Araneae</i>	Insect	Do	Common
17	Butterfly	<i>Rhopalocera</i>	Insect	Do	Common
18	Bee	<i>Apis</i>	Insect	Do	Common
19	Beetle	<i>Coleoptera</i>	Insect	Do	Common
20	Mosquito	<i>Culicidae</i>	Insect	Do	Common
21	Fly	<i>Diptera</i>	Insect	Do	Common
22	Bedbug	<i>Cimex Letularius</i>	Insect	Do	Common

Format 31: Any other information of local importance

1	2	3
S. No.	Information of local importance	Remarks
1	Nil	
2		