

Biodiversity Register (PBR): General Details

Name of the Panchayat Samity: Machail

Taluk: Paddar

District: Kishtwar

UT: Jammu & Kashmir

Geographical Area of the Panchayat Samity:

Population under the Panchayat Samity: Total

Male

Female

Habitat and Topography: Hilly terrain

Climate (Rainfall, Temperature and other weather patterns)

Land Use (Nine fold classification available with village records) Irrigated area : All

Date, Month and Year of PBR Preparation: 31/03/2021

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

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: Rangail Singh

Age: 48yrs

Gender: Male

Address: Machail

Area of specialization: Social Worker

2) Name: Rajinder Singh

Age: 38 years

Gender: Male

Address: Machail

Area of specialization: Social Worker

3)Name: Fafa Tsering

Age: 54 years

Gender: Male

Address: Lossani

Area of specialization: Social Worker

4)Name: Sonam Narboo

Age: 51years

Gender: Male

Address: Sumcham

Area of specialization: Social Worker

5)Name: Des Raj

Age: 56years

Gender:Male

Address: Hango Haloti

Area of specialization: Social Worker

6)Name: Ram Krishan

Age: 59 Years

Gender: Male

Address: Hamori

Area of specialization: Social Worker

7)Name: Arti Devi

Age: 34 years

Gender: Female

Address: Chashoti

Area of specialization: Social Worker

Annexure 2

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

1) **Name:** Funcho Narboo

Age: 62

Gender: Male

Address: Lossani

Area of Specialization: Ayurvedic Vaid

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

2) **Name:** Padma Sonam

Age: 65

Gender: Male

Address: Sumcham

Area of Specialization: Ayurvedic Vaid

Location from which the person accesses biological material:

Perception of the practitioner on the resource status: Sumcham

3) **Name:** Tsering Paljor

Age: 60

Gender: Female

Address: Jashnaie

Area of Specialization: Ayurvedic Vaid

Location from which the person accesses biological material: Jashnaie

Perception of the practitioner on the resource status:

Annexure 3

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

1) Name: Nand Lal

Age : 67 years

Gender: Male

Address: Machail

Area of specialization: Agriculture

2) Name: Jimmy Dorjay

Age: 39 years

Gender: Male

Address: Lossani

Area of specialization : (Agriculture)

3) Name: Som Nath

Age: 66 years

Gender: Male

Address: Hamori

Area of specialization :Agriculture

4) Name: Toashi Dorje s/o Ram Lal

Age:

Gender: Male

Address: r/o Lossani

Area of specialization :Agriculture

5) Name: Toshi Numgyal s/o Sonam Tundup

Age:

Gender: Male

Address: r/o Dangail

Area of specialization :Agriculture

6) Name: Jagmal Singay s/o Tenzen funcho

Age:

Gender: Male

Address: r/o Sunchaan

Area of specialization :Agriculture

Annexure 4

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

1) Contact Person:

Name and Address:

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

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

Annexure 5**Details of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefits derived and the mode of their sharing**

No	Name and address of the Person /institution/ company/ others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the panchayat	Details of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared

End of Part I

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 (Repining)	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Apple	<i>Malus domestica</i>	Saib	Red delicious, Golden delicious, Ambri	Mountainous and sloppy	Plenty	Plenty	Local preserved / Horticulture Deptt./ Pvt. Nursery	Aug-Sept	Reducing cholesterol, lowering blood sugar level	Nutritious value	Market / own use	Locals
Walnut	<i>Juglans regia</i>	akhrot	Local	-do-	Plenty	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Reduces prostate cancer and diabetes	Nutritious value	Market / own use	Locals

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part used for feeding cattles	Other details	Community / Knowledge holder
				Past	Present					
Sorghum	<i>Sorghum Bicolor</i>	Kass	temperate and intermediate	Local	Improved	Seed saved from previous year	Stored in locally indigenous structure called tye	Grain used for seed and fodder	Above ground portion	Farmers
Oat	<i>Avena sativa</i>	Lawn	temperate and intermediate	Local	Improved	Seed saved from previous year	Stored in lovcally indigenous structure called tye	Grain used for seed and 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					
Guli Danda	<i>Phalaris minor</i>	Sitti	Wheat	Compete with crops fro nutrients and water	temterate and Intermediate	Plenty	Plenty	Nil	Hand weeding	Reduces crop yield / crop loss	Local	Farmer
Grass	<i>Cyonodengrass</i>	Dhroob	Wheat	Do	temterate and Intermediate	Plenty	Plenty	fodder	Hand weeding	Reduces crop yield / crop loss	Local	Farmer
Sedge	<i>Cypporus Rotundu</i>	Tith	Paddy/Maize	Do	temterate and Intermediate	Plenty	Plenty	fodder	Hand weeding	Reduces crop yield / crop loss	Local	Farmer
Ghass	<i>Cyprus esuluntw</i>	Ghass	Mash	Do	temterate and Intermediate	Plenty	Plenty		Hand weeding	Reduces crop yield / crop loss	Local	Farmer
Bathua	<i>Chenodoliumalbum</i>	Bathwa	All Crops	Do	temterate and Intermediate	Plenty	Plenty	-	Hand weeding	Reduces crop yield / crop loss	Local	Farmer

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	Cut worm	<i>agrotis ipsilon</i>	Tokka	Maize field	April May	Chemical Management through insecticides	Nil	Nil	Nil
Maize	Maize stem borer	<i>Chilo partellus</i>	Bud	Maize field	June July	Chemical Management through insecticides	Nil	Nil	Nil
Mash	White fly	<i>Bemisiatabaci</i>	Chitti Makhi	Mash field	July Aug	Chemical Management through insecticides	Nil	Nil	Nil
Wheat	Field rats	<i>Bendicota bangalensis</i>	Muso	all field	All season	Chemical Management through insecticides	Nil	Nil	Nil
Wheat and dal	army worms	<i>Mythimna separate</i>		Oats and wheat fields	All season	Chemical Management through insecticides	Nil	Nil	Nil
Wheat	termites	<i>Microtermesobesi odontotermes</i>	Seenak	Wheat fields (Ranified)	During dry season	Chemical Management through insecticides	Nil	Nil	Nil

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
General and Scheduled cast	Agriculture	Collection of NTFP, Cattle rearing, Artisans & Govt. Servants	Forest (Hilly terrain) / Agriculture landscape	Agriculture for the purpose of food grains and fodder	Terrace farming	Traditional resource management practices	General / SC	Socially privileged	Most of them do own jobs, economically less privileged	445 as per Census 2011 but now Households are 640

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											
Cultivated	nil	nil	Mountance	Rockey/ sandy land	Property/ shamlat	Deodar	Leopard	Local Inhabitants	Self management	cultivation	Indigenous knowledge of local comminities	---	---
						Kail	Black bear						
						Fir	Monkey						
						Spruce	Jackal						
						Champ	Wild goat						
						Annar	Fox						
						Akhroot	Wild cat						
						Dhoop	Rat						
						Nagchhatri	Lizard						
						Appricot	Snake						
						Heru	Pigeon						
						Mohru	House Sparrow						
						Kiker	Sparrow						
						Mushkapoor	Crow						
						Muchakballa	Spider						
						Guchhies	Butterfly						
						Kour	Bee						
						Kuth	Owl						
Bankhoor	Mosquito												
Kumlaie	Partridge												
Phrast	Bulbul												
Chilgoza	Pijad												
Ratanjot	koel												
Kaala zeera	Parrot												

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	Owner ship	General Flora	General Fauna	Major Sues	User Group	Management Practices	General uses	Associated TK	Other Detail	Community Accessed
River	Bhutnala	Tributary of Chenab	Govt.	NA	NA	Irrigatuon	Villages					

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 soil and sandy loamy soil	Grayish, brown, small grained mixture	Does not retain water frequent irrigation	Recharged with leaf manure, animal waste compost	Conifer plants, broad leaved plants, Fruit plants, NTFP species, Wheat, barley, maize, rice and some seasonal vegetables.	Domesticated /wild plants and animals	Provides good quality of timber, fuelwood, NTFP, food and fodder	-

DOMESTICATED BIODIVERSITY

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting (Repining)	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Apple	Saib	<i>Malus domestica</i>	Red delicious, Golden delicious, Ambri	Lowland valley / home gardens	Rare	Plenty	Local preserved / Horticulture Dept.	Aug-Sept	Nutritious value	Reducing cholesterol, lowering blood sugar level	Market / own use	Locals
Walnut	Akhroot	<i>Juglans regia</i>	Local	Lowland valley / Agricultural land	Plenty	Plenty	Local preserved / Horticulture Dept.	Aug-Sept	Nutritious value	Reduces prostrate cancer and diabetes	Market / own use	Locals
Cucumber	Khira	<i>Curmis sativus</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals

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			
Shurb	Rhubarb (Churko)	<i>Rheum spiciforme</i>	MFP	Forest	Natural	Plenty	Rare	Harvested from the wild for local use as a food & medicine	Flower/ stem			
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,Bajarbh g	<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
	Gokhru	<i>Tribulus terrestris</i>	MFP	Forest	Natural	Plenty	Rare	Traditionally,people have used this plant for a variety of potential effects,including to enhance libido,keep the urinary tract healthy & reduce swelling.	Leaves & Flowers
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
	Surajan-e-talakh	<i>Colchicum luteum</i>	MFP	Forest	Natural	Plenty	Rare	Used as a carminative ,laxative & are effective in the treatment of gout,Rh,& disease of liver & spleen.	Corms
Herb	Salam-panja	<i>Dactylorhiza hatagirea</i>	MFP	Forest	Natural	Plenty	Rare	Widely used to cure various disease like dysentery,diarrhoea,chronic fever, cough,stomachache,wounds,cuts,burns ,fractures & general weakness.	Roots, Rhizomes
Climber	Shingli-mingli	<i>Dioscorea deltoidea</i>	MFP	Forest	Natural	Plenty	Rare	Rhizomes used for the treatment of different diseases such as digestive disorders, sore of throat for struma,dirrhea,wounds,burns & anemia.	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
	Shivlingi	<i>Diplocyclos palmatus</i>	MFP	Forest	Natural	Plenty	Rare	Useful for treatment of Aphrodisiac & tonic, constipation, stomach problem, diarrhoea, malaria fever etc.	Ariel plants parts
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
	Pushkarmula	<i>Inula racemosa</i>	MFP	Forest	Natural	Plenty	Rare	Treat chronic bronchitis & Rh, dried rhizomes & roots are used to cure loss of appetite & stomach troubles.	Roots, Rhizomes
	Tilpushpi (Foxglove)	<i>Digitalis purpurea</i>	MFP	Forest	Natural	Plenty	Rare	Useful to treat congestive heart failure & heart rhythm problems	Roots
Shrub	Gur-Krandel	<i>Ferula jaeschkeana</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of asthma, whooping cough, flatulent colic, pneumonia, bronchitis	Leaves, Flowers
Herb	Resha-Khatmi	<i>Lavatera cashmeriana</i>	MFP	Forest	Natural	Plenty	Rare	A known medicinal herb used in many unani medicinal preparations, cure throat problem, mild laxative,	Leaves, Roots & Flowers

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
	Chuka Ladur	<i>Polygonum alpinum</i>	MFP	Forest	Natural	Plenty	Rare	Used for edible, an acid flavour, the juice from the plant has been sweetened & used as a refreshing drink.	Leaf stems
	Pitsuaak (Birjung, Pitsouli, Phagermula)	<i>Arctium lappa</i>	MFP	Forest	Natural	Plenty	Rare	Used therapeutically as a depurative, diuretic & digestive stimulant & for dermatologic conditions.	Roots
Herb	Marchi	<i>Thymus linearis</i>	MFP	Forest	Natural	Plenty	Rare	Useful for the treatment of abdominal pain & vomiting	Flowers
Shurb	Kala Zeera	<i>Bunium persicum</i>	MFP	Forest	Natural	Plenty	Rare	Useful in treatment of gastrointestinal 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
	Kuhushbondhri (Gas plant)	<i>Dictamnus albus</i>	MFP	Forest	Natural	Plenty	Rare	The plant is used both internally & externally in the treatment of skin diseases (especially scabies & eczema), arthritic pain & jaundice.	Leaves, Bark & Root
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		<i>Crataegus songarica</i>		Forest	Natural	Plenty	Rare	Treatment against certain fungal & bacterial diseases.	Roots
Tree	Zum	<i>Prunus cormuta</i>		Forest	Natural	Plenty	Rare	Helpful in the treatment of cancer.	Timber

Herb	Neelkanth	<i>Ajuga bracteosa</i>	MFP	Forest	Natural	Plenty	Rare	Useful in the treatment of agues, the juice of the root is used in the treatment of diarrhoea & dysentery, leaves are used in treatment of fevers as a substitute for quinine	Roots
Herb		<i>Rumex nepalensis</i>	MFP	Forest	Natural	Plenty	Rare	A paste of the root is applied to swollen gums. The leaves are used in the treatment of colic. The juice of the leaves is applied externally to relieve headaches.	Whole Plant
Herb	Bergeur, Gandana	<i>Achillea millifolium</i>	MFP	Forest	Natural	Plenty	Rare	used in folk medicines to treat inflammation, pain & gastrointestinal disorders.	Aerial plant parts
Herb		<i>Rumex acetosa</i>	MFP	Forest	Natural	Plenty	Rare	Useful to cure itchy skin & ringworm, laxative.	Leaves
Herb		<i>Sinopodophyllum hexandrum</i>	MFP	Forest	Natural	Plenty	Rare	Used for the ayurvedic treatment of warts, skin diseases.	Roots, Rhizomes, Resin
		<i>Aconitum</i>	MFP	Forest	Natural	Plenty	Rare	In homeopathy, used to treat fear, anxiety & restlessness, acute sudden fever.	Flowers, Roots
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
Climber	Agranth	<i>Hedera nepaiensis K. Koch</i>	MFP	Forest	Natural	Plenty	Rare	Used for cure of benign wart, anti-inflammatory & anti-arthritis properties.	Leaves
Shrub	Chalander	<i>Viburnum grandiflorum Wallich ex DC</i>	MFP	Forest	Natural	Plenty	Rare	Used as laxative & blood purifier, also used to reduce muscular cramps.	Fruit
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	Chilgoza	<i>Pinus gerardiana Wall</i>	CONIFER	Forest	Natural	Plenty	Rare	used in anti-bacterial,anti-viral,anti-fungal,anti-septic,& anti-hypertensive.	Seeds
Tree	Kail	<i>Pinus wallichiana Jackson</i>	CONIFER	Forest	Natural	Plenty	Rare	usful in treating burning of the body,cough,fainting & ulcers.	Timber
Herb		<i>Asplenium dathousiae Hook</i>	MFP	Forest	Natural	Plenty	Rare	Effective in typhiod,expectorant,anthelmentic & laxative.	Leaves
Herb	Gentheer	<i>Adiantum capillus-veneris L</i>	MFP	Forest	Natural	Plenty	Rare	used for antibacterial,anti-implantation,antihyperglycemic.	Leaves
Herb	Sapp Guggal	<i>Arisaema flavum (Forsskal) Schott</i>	MFP	Forest	Natural	Plenty	Rare	used in the treatment of chronic tracheitis, bronchiectasis, tetanus and epilepsy	Leaves, Tubers
Herb		<i>Colocassia esculenta (L.) Schott</i>	MFP	Forest	Natural	Plenty	Rare	used for the treatentof asthma,arthritis, diarrhea, neurological disorders.	Leaves
Herb	Deela	<i>Cyperus rotundus L</i>	MFP	Forest	Natural	Plenty	Rare	Malaria,diarrhea,dibaties	Rhizomes,R roots
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
Herb	Kai	<i>Saccharum spontaneum L</i>	MFP	Forest	Natural	Plenty	Rare	useful in treatment of dyspepsia,burning sensation, piles,sexual weakness,gynecological troubles,respiratory troules.	Flowers, Grass

Shrub	Vethur	<i>Juniperus communis</i> Linn	B/L	Forest	Natural	Plenty	Rare	used as anti-diarrhoeal, anti-inflammatory, astringent & antiseptic & also used for the treatment of various abdominal disorders.	Stem
Tree	Postul/Brahmi	<i>Taxus baccata</i> L	B/L	Forest	Natural	Plenty	Rare	useful for treating common cold, cough, fever & pain.	Leaves, Bark
Herb		<i>Geranium robertianum</i> L	MFP	Forest	Natural	Plenty	Rare	useful for the treatment of diabetes, bleedings, stomach ailments, kidney infections, jaundice etc.	Leaves
Herb	Gul-e-sanobar	<i>Geranium wallichianum</i> D. Don. Ex Sweet	MFP	Forest	Natural	Plenty	Endangered	used as a cure for toothache and has been applied externally to the eyes.	Roots, Bark
Herb	Chuku	<i>Oxalis corniculata</i> L	MFP	Forest	Natural	Plenty	Rare	used in the treatment of influenza, fever, urinary tract infections & poisonous snake bites.	Whole plant
Herb	Hillu	<i>Impatiens glandulifera</i> Royle	MFP	Forest	Natural	Plenty	Rare	It is one of the Bach flower remedies, flower extracts used as herbal remedies for physical & emotional problems.	Flower
Shrub	Sanglidhoop	<i>Skimmia anquetilia</i> N.P Taylor & Airy Shaw	MFP	Forest	Natural	Plenty	Rare	used for treatment of swellings, rheumatism & therapy. Powder of its bark is used for the healing of burns & wounds.	Leaves
Shrub	Beri	<i>Zizyphus oxyphylla</i> Edgw	MFP	Forest	Natural	Plenty	Rare	used to treat diabetes, fever, dysentery, as well as blood & skin diseases	Fruit
Tree	Horse chest nut	<i>Aesculus hippocastanum</i> L	B/L	Forest	Natural	Plenty	Rare	used for treatment of dysentery, bronchitis, hemorrhoids.	Leaves
Tree	Kanjil	<i>Acer caesium</i> Wallich ex Brandis	B/L	Forest	Natural	Plenty	Rare	used for treatment of muscular swelling, boils & pimples	Leaves
Herb	Ban Tambaku	<i>Verbascum thapsus</i> L	MFP	Forest	Natural	Plenty	Rare	Inflammatory diseases, asthma, cough, diarrhoea	Leaves
Herb	Neelkanth	<i>Ajuga bracteosa</i> Wall ex Benth	MFP	Forest	Natural	Plenty	Common Vulnerable	Treats agues, diarrhoea & dysentery	Leaf
Herb		<i>Marrubium vulgare</i> L	MFP	Forest	Natural	Plenty	Rare	Digestion problem, breathin problem	Whole plant
Herb	Jungli Pudina	<i>Mentha arvensis</i> L	MFP	Forest	Natural	Plenty	Rare	As a food, stomach problem & allergy	Leaves

Herb	Vena	<i>Mentha longifolia (L) Hudson</i>	MFP	Forest	Natural	Plenty	Rare	Respraitory ailments, treat wounds	Leaves
Herb	Kal viuth	<i>Prunella vulgaris L</i>	MFP	Forest	Natural	Plenty	Rare	Protect against cancer, herpes	Leaves
Shrub	Sheshak	<i>Rabdosia rugosa (Wall ex Benth) Hara</i>	MFP	Forest	Natural	Plenty	Rare	Remedy of helminthiosis, in live stocks	Leaves
Herb	Kashmir sage	<i>Salvia hians Royle ex Benth</i>	MFP	Forest	Natural	Plenty	Rare	Heal eye infections	Aerial Parts
Herb	Gaddo	<i>Salvia moorcroftiana Wall</i>	MFP	Forest	Natural	Plenty	Rare	Gas, gastritis, heart burn	Roots
Shrub	Kanhaji	<i>Sorbaria tomentosa Rehder</i>	MFP	Forest	Natural	Plenty	Rare	Ornamental, stimulate, respiration	Whole Plant
Herb	DhadKopdi	<i>Bergenia stracheyi (H.F.T) Engl</i>	MFP	Forest	Natural	Plenty	Rare	kidney & gall bladder stone	Roots
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	Kuuppad jari	<i>Sedum ewersii Ledeb</i>	MFP	Forest	Natural	Plenty	Rare	Herbal remedy for diptheria, ring worm, treats pimples, acne etc.	Whole plant
Shrub	Anar	<i>Punica granatum L</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of cancer,osteo-arthritic	Whole plant
Herb	Wallichos willow	<i>Epilobium latifolium L</i>	MFP	Forest	Natural	Plenty	Rare	Analgesic,anti-dote	Whole plant
Tree	Ringkul	<i>Crataegus songarica G. Koch</i>	B/L	Forest	Natural	Plenty	Rare	Pulmonary disesses	Whole plant
Herb	Wild Straberry	<i>Fragania nubicola Lindl ex Lacalta</i>	MFP	Forest	Natural	Plenty	Rare	As food, treats profuse mensuration	Fruit
Tree	Haadi	<i>Prunus armeniaca L</i>	B/L	Forest	Natural	Plenty	Rare	Antisposmodic, chronic bronchitis	Whole plant
Shrub		<i>Rubus hoffmeisterianus Kunth & Bouche</i>	MFP	Forest	Natural	Plenty	Rare	Anti-microbial, anti-cancer	Root,Tubers
Herb	Patrishi	<i>Aconitum heterophyllum Wallich ex Royle</i>	MFP	Forest	Natural	Plenty	Rare	Treats reproductive disorders	Not Available

Herb	Tatnu	<i>Caltha palustris L</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of fits & anemia	Leaves,Stem
Herb	Jala-Kafal	<i>Atropa acuminata Royle</i>	MFP	Forest	Natural	Plenty	Rare	used to make plasters ,in asthma	Whole plant
Herb		<i>Datura stramonium L</i>	MFP	Forest	Natural	Plenty	Rare	stomach pain toothache	Seed
Herb		<i>Hyoscyamus niger L</i>	MFP	Forest	Natural	Plenty	Rare	ailment of bones, nervous diseases	Leaves,seeds
Herb		<i>Solanum nigrum L</i>	MFP	Forest	Natural	Plenty	Rare	dysentery, fever& stomiach complains	Roots
Herb		<i>Solanum surattense Burm. F</i>	MFP	Forest	Natural	Plenty	Rare	bronchitis, cough & constipation	Whole plant
Herb		<i>Digitalis lanata Ehrh</i>	MFP	Forest	Natural	Plenty	Endangered	heart condations, reduce swelling	Leaves
Herb		<i>Digitalis purpurea L</i>	MFP	Forest	Natural	Plenty	Rare	treat heart failure, swelling	Leaves
Herb		<i>Pedicularis pectinata Wall</i>	MFP	Forest	Natural	Plenty	Rare	muscle tension, neck & back pain	Flower,Leaves
Herb		<i>Pedicularis punctata Decne</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of leucorrhoea,fevers,sterility,rheumatism	Root
Herb		<i>Picrorhiza kurroa Benth</i>	MFP	Forest	Natural	Plenty	Rare	sudden liver infections, fever allergy	Root,Rhizome
Herb		<i>Achyranthes aspera Linn</i>	MFP	Forest	Natural	Plenty	Rare	indigestion, snakebite	Whole Plant
Herb		<i>Plantago lanceolata L</i>	MFP	Forest	Natural	Plenty	Rare	eye irritation, inflammation of mouth	Leaves
Shrub	Ban Dhammi,Bala	<i>Sida cordifolia L</i>	MFP	Forest	Natural	Plenty	Rare	Skin dullness,Scars wounds	Leaves,Roots
Herb	Isabgol	<i>Plantago major L</i>	MFP	Forest	Natural	Plenty	Rare	wound healing, anti inflammation	Aerial Parts
Herb		<i>Plantago himalaica Pilg</i>	MFP	Forest	Natural	Plenty	Rare	applied on wounds, anti microbial	Leaves
Herb	Brand	<i>Phytolacca acinosa Roxb</i>	MFP	Forest	Natural	Plenty	Rare	urinary disorders, abdominal tensions	Leaves,Roots
Herb		<i>Bistorta amplexicaulis (D. Don) Greene</i>	MFP	Forest	Natural	Plenty	Rare	leveas as vegetables, tea, fever, joints	Dried Rhizomes
Herb		<i>Oxyria digyna Hill</i>	MFP	Forest	Natural	Plenty	Rare	used to treat scurvy,dysentery	Leaves,Roots,Stem

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>Rumex acetosa L</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of itchy skin,scurvy	Leaves
Herb		<i>Rumex hastatus D. Don</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of bloody dysentery,aches in throat	Root,Leaves,Seed
Herb		<i>Rumex nepalensis Spreng</i>	MFP	Forest	Natural	Plenty	Rare	swollen gums,headache.body pain	Root,seed,Leaf
Tree		<i>Daphne oleoides Schreib</i>	B/L	Forest	Natural	Plenty	Rare	cutaneous affections,gonorrhoea	Bark,Leaves
Herb	Mulain	<i>Inula royleana DC</i>	MFP	Forest	Natural	Plenty	Rare	reduce blood pressure,peristaltic movement in intestines	Aerial Parts
Herb		<i>Jurinea dolomiaea Boiss</i>	MFP	Forest	Natural	Plenty	Rare	loss of appetite, cold bronchitis	Root
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 Clarke</i>	MFP	Forest	Natural	Plenty	Rare	anti ulcer, anti cancer	Root
Herb		<i>Senecio amplexicaulis Wall</i>	MFP	Forest	Natural	Plenty	Rare	antifungal and phytotoxic	Whole Plant
Herb	Jarjam	<i>Senecio chrysanthemoides DC</i>	MFP	Forest	Natural	Plenty	Rare	used in eye infections	Whole Plant
Herb		<i>Senecio gradiflorus DC</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of irregular menses, ease child birth	Root
Herb		<i>Senecio nudicaulis Ham</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of fever and skin diseases	Leaves
Herb		<i>Solidago virga aurea L</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of best pain, insomnia	Flowers,Leaves
Herb		<i>Sonchus arvensis Linn</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of asthma,chest diseases	Stems,Leaves
Herb		<i>Sonchus asper Vill</i>	MFP	Forest	Natural	Plenty	Rare	used in treatment of skin ailments,anti-bacterial	Leaves,Stem,Tops

Herb		<i>Sonchus oleraceus</i> L	MFP	Forest	Natural	Plenty	Rare	used for blood purifier,anti-malarial	Stem & Leaves
Herb		<i>Tanacetum gracile</i> Hook. F. & T	MFP	Forest	Natural	Plenty	Rare	used in treatment of intestinal worms,prevent miscarriage	Dried Aerial Parts
Herb	Handh	<i>Taraxacum officinate</i> Weber	MFP	Forest	Natural	Plenty	Rare	increase urine production,,decrease pain	Fruits,Leaves
Shrub		<i>Lyonia ovalifolia</i> (Wallich) Drude	MFP	Forest	Natural	Plenty	Rare	treat skin disease,external parasite	Leaves& Buds
Shrub		<i>Rhododendron campanulatum</i> D. Don	MFP	Forest	Natural	Plenty	Rare	treat chronic rheumatism,headache	Leaves
Shrub		<i>Elaeagnus parvifolia</i> Wallich ex Royle	MFP	Forest	Natural	Plenty	Rare	anti-inflammatory anti-oxidant	Flowers,Seed
Climber		<i>Viscum album</i> L	MFP	Forest	Natural	Plenty	Rare	treatment of cardiac weakness,arrhythmia	Leaves,Stem,Pea sized Berries
Herb		<i>Euphorbia cognata</i> (Klotzsch & Garcke) Boiss	MFP	Forest	Natural	Plenty	Rare	Breathing disorder,asthma	Seed Stem
Herb		<i>Euphorbia rothiana</i> Spreng	MFP	Forest	Natural	Plenty	Rare	Rheumatism,warts,cough,asthma	Stem Bark
Herb		<i>Euphorbia helioscopia</i> L	MFP	Forest	Natural	Plenty	Rare	used in pharmaceutical industry.	Leaves, Stem,Root
Herb		<i>Euphorbia wallichii</i> Hook F	MFP	Forest	Natural	Plenty	Rare	used against constipation	Leaf,root
Shrub		<i>Sarcococca saligna</i> (D.Don) Meull Arg	MFP	Forest	Natural	Plenty	Rare	laxative ,blood purifier & muscular analgesic	Leaf,Bark,Root
Herb		<i>Girardinia heterophylla</i> Decne	MFP	Forest	Natural	Plenty	Rare	used as soap/shampoo for washing,cattle fodder	Whole Plant
Herb		<i>Urtica dioica</i> Linn	MFP	Forest	Natural	Plenty	Rare	urinary tract infections	Root
Tree	Brimij	<i>Celtis australis</i> Willd	B/L	Forest	Natural	Plenty	Rare	treatment of amenorrhoea,heavy menstrual bleeding & colic	Leaves,Root
Tree		<i>Ulmus wallchiana</i> Planch	B/L	Forest	Natural	Plenty	Rare	used to heal body mind & skin	Leaves

Herb		<i>Violacanesceus 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	Respraitory 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>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
Herb	Gugchuk,Ringras h	<i>Geranium pretense L</i>	MFP	Forest	Natural	Plenty	Rare	cholera,diarrhoea	Root
Shrub	Tung	<i>Cotinus coggygnia Scop</i>	MFP	Forest	Natural	Plenty	Rare	Coagulant,fever reducer	Leaves,Bark
Shrub		<i>Rhus succedanea L</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of phtthisis	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	Shemar	<i>Desmodium elegans DC</i>	MFP	Forest	Natural	Plenty	Rare	used for chronic hepatitis, treatment of bilious ccomplaints	Whole Plant
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>Lathyrus aphaca Linn</i>	MFP	Forest	Natural	Plenty	Rare	used in the treatment of toothache	Seed
Herb		<i>Oxytropis lapponica Wahlenb Gay</i>	MFP	Forest	Natural	Plenty	Rare	foilage & roots are used for detoxification, pain relief	Roots
Herb		<i>Robinia prsудоacacia L</i>	MFP	Forest	Natural	Plenty	Rare	dried leaves are used in treatment of wounds also used in treatment of fever.	Dried Leaves
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>Trigonella emodi Benth</i>	MFP	Forest	Natural	Plenty	Rare	Reduce fever	Stem ,Leaves
Tree		<i>Monus serrate Roxb</i>	MFP	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 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>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

Shrub	Kareel- kaimbal	<i>Berberis aristata</i> DC	MFP	Forest	Natural	Plenty	Rare	used in treatment of jaundice, urinary disorders	Root, Stem, Leaves
Shrub		<i>Berberis jaeschkeana</i> C.K Schneider	MFP	Forest	Natural	Plenty	Rare	used in treatment of tumor	Rhizomes, Fruit
Shrub	Kaimal/ Daruhaldi	<i>Berberis lycium</i> Royle Trans Linn	MFP	Forest	Natural	Plenty	Rare	used as an immunity booster	Roots, Stem, Bark
Herb		<i>Podophyllum hexandrum</i> Royle	MFP	Forest	Natural	Plenty	Rare	used to treat gynecology infections	Rhizomes
Herb		<i>Meconopsis aculeata</i> Royle	MFP	Forest	Natural	Plenty	Rare	used to help heal broken bones, treat inflammation from fractures	Whole Plant
Herb		<i>Meconopsis latifolia</i> Prain	MFP	Forest	Natural	Plenty	Rare	used against ulcers, disorders of lungs.	Flowers
Herb		<i>Papaver somniferum</i> L	MFP	Forest	Natural	Plenty	Rare	used for commercial purposes	Whole Plant
Herb		<i>Corydalis cachemiriana</i> Royle	MFP	Forest	Natural	Plenty	Rare	used for mild depression	Flowers, Stems, Leaves
Herb	Bhutiyata	<i>Corydalis govaniana</i> Wallich	MFP	Forest	Natural	Plenty	Rare	its drug is used in the form of decoction	Whole Plant
Herb		<i>Corydalis thyrsoiflora</i> Prain	MFP	Forest	Natural	Plenty	Rare	used to treat stomach problem	Leaves, Flowers
Herb		<i>Fumaria indica</i> Pugsley	MFP	Forest	Natural	Plenty	Rare	used as a common weed, isolation & polyherbal	Whole Plant
Herb		<i>Capsella bursa pastoris</i> (L) Moench	MFP	Forest	Natural	Plenty	Rare	used as a folk remedy for cancer, nose bleeding	Seeds, Leaves
Herb		<i>Nasturtium officinale</i> Br.	MFP	Forest	Natural	Plenty	Rare	leaves are used as a pungent garnish, eaten raw in salads	Leaves, Flowers, Buds
Herb		<i>Brassica rapa</i> L	MFP	Forest	Natural	Plenty	Rare	provides oils & vegetables, fodder	Whole Plant
Herb		<i>Iris hookeriana</i> M. Foster	MFP	Forest	Natural	Plenty	Rare	used in aromatherapy, rhizomes given to babies to help in teething	Rhizomes
Herb		<i>Iris kashmiriana</i> Baker	MFP	Forest	Natural	Plenty	Rare	used in treatment of joint pains	Rhizomes
Herb		<i>Iris kemaonensis</i> D. Don ex Royle	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	Chingposh	<i>Colchicum luteum Baker</i>	MFP	Forest	Natural	Plenty	Rare	used as carminative & aphrodisiac,treatment of gout	Corm,Seeds
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 espically 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 cardiptonic,aphrodisiac	Tender leaves,Young shoots
Herb		<i>Trillium govanianum Wall</i>	MFP	Forest	Natural	Plenty	Rare	used in dysentery, wound healing,menstral &sexual disorders.	Rhiozomes, 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	Usedb 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	Kim	<i>Morina Longifolia Wallich ex DC</i>	MFP	Forest	Natural	Plenty	Rare	Stem, leaves & flowers used as digestive, emetic & stomachic	Whole Plant
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

Local zamindars have got ample knowledge with respect to identification of the species as well their comon usage

Bonafide purpose

Inhabitants of the area.

Herbs		<i>Anaphalis nubigena Clarke</i>	MFP	Forest	Natural	Plenty	Rare	used as aromatic & antimicrobial	Aerial Parts
Herbs	Mooiin	<i>Artemisia Maritima L.</i>	MFP	Forest	Natural	Plenty	Rare	antiseptic, diuretic & antipyretic	Leraves ,Flowering
Shrub	Shutenger	<i>Rhododendron anthopogon D. Don</i>	MFP	Forest	Natural	Plenty	Rare	treatment of constipation, didysentry, fever	Leaves
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
Herbs	Kazuban	<i>Arnebia benthamii (Wall. Ex G.Don) Johnston</i>	MFP	Forest	Natural	Plenty	Rare	used as red clour to food, oil & fats, plantalso used as diuretic, expectorant, tonic	Flowering, Shoots & Roots
Grass	Congress grass /Jadi	<i>Parthenium hysterophorus</i>	MFP	Forest	Natural	Plenty	Rare	Commercial enzymes production,biopesticides,green manure & composte	Weed
Herb	Bhang	<i>Cannabis sativa</i>	MFP	Forest	Natural	Plenty	Rare	Used as a source of industrial fibre,seed oil,food,recreation,religious & spritiual moods & medicine	Leaves
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 diseae, 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
Tree	Feku	<i>Ficus Palmata</i>		Forest	Natural	Plenty	Rare	Skin diseases,contipation	Fruit
Herb	Banafsha	<i>Viola odorata</i>	MFP	Forest	Natural	Plenty	Rare	Throat problem,Cold,cough	Flower
Herb	Nirbisha	<i>Delthinium drunonianum</i>	MFP	Forest	Natural	Plenty	Rare	Diabetes	Whole Plant
Shrub	Tutfoor,Rachi	<i>Ephedra gegardina</i>	MFP	Forest	Natural	Plenty	Rare	Asthma,Cardic Stimulate,Allergy,Respiratory Disorder	Twigs
Herb	Tengu,Tyangu	<i>Hyssopus officinalis</i>	MFP	Forest	Natural	Plenty	Rare	Substitute for saffron,Liver & Blood Disorder	Flower

Fungi	Guchhi	<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- cholestrol,digestive problem	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
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, abdominal pain	Whole part
Herb		<i>Pleurosermum brunonis</i>	MFP	Forest	Natural	Plenty	Rare	To cure skin infections, joundice, insect repllents	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>Pseudomertensia moltkioides</i>	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Flowers
Herb		<i>Pseudomertensia trollii</i>	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Flowers
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,dysentry & 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 prunifolia</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 & bowels	Leaves
Herb		<i>Myosoton aquaticum (L.) Moench</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of fistula	Flowers, Seeds
Herb		<i>Anaphalis nepalensis (Spreng.) Hand.-Mazz.</i>	MFP	Forest	Natural	Plenty	Rare	Respiratory problems including asthma, cough etc.	Flowers
Herb		<i>Anaphalis triplinervis (Sims) C. B. Clarke</i>	MFP	Forest	Natural	Plenty	Rare	Emilepsy, laceration of toes & wounds	Flowers

Herb		<i>Anaphalis margaritacea</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	Antiseptic, Antipyretic	Leaves
Herb		<i>Artemisia vestita</i> Wall. ex Besser	MFP	Forest	Natural	Plenty	Rare	Inflammatory diseases	Leaves
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>Aster thomsonii</i> C.B. Clarke	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Flowers, Root
Herb		<i>Carduus edelbergii</i> Rech.f.	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Flower, Leaf
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	Pushkarmula	<i>Inula grandiflora</i> Willd.	MFP	Forest	Natural	Plenty	Rare	Chronic bronochits & Rh	Rhizomes
Herb		<i>Jurinea macrocephala</i> DC.	MFP	Forest	Natural	Plenty	Rare	Cancer, Arthrites	Leaves, Flowers
Herb		<i>Ligularia amplexicaulis</i> DC.	MFP	Forest	Natural	Plenty	Rare	Vomiting from indigestion	Leaves, Flowers
Herb	Gomchooi	<i>Ligularia fischeri</i> (Ledeb.) Turcz.	MFP	Forest	Natural	Plenty	Rare	Jaundice, Rh, Hepatic disease	Leaves, Flowers
Herb		<i>Onopordum acanthium</i> L.	MFP	Forest	Natural	Plenty	Rare	Anti-inflammatory, Anti-tumor,	Roots, stem

Herb		<i>Saussurea costus (Falc.) Lipsch.</i>	MFP	Forest	Natural	Plenty	Rare	Treating worm(Nemotode),Asthma,Cough,cold & Gas	Roots
Herb		<i>Saussurea gnaphalodes (Royle) Sch.Bip.</i>	MFP	Forest	Natural	Plenty	Rare	Inflammation,heart diseases, & liver diseases	Whole part
Herb		<i>Saussurea gossypiphora D.Don</i>	MFP	Forest	Natural	Plenty	Rare	Inflammation,heart diseases, & liver diseases	Whole part
Herb		<i>Senecio chrysanthemoides DC.</i>	MFP	Forest	Natural	Plenty	Rare	Dysentery,infections,Rh,Cancer,Asthma	Whole part
Herb		<i>Sonchus asper (L.) Hill</i>	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
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</i> L.	MFP	Forest	Natural	Plenty	Rare	Stop bleeding, heal ulcer & wounds	Whole part
Shrub		<i>Gaultheria trichophylla</i> Royle	MFP	Forest	Natural	Plenty	Rare	Anti oxidant & anti inflamentry	Whole part
Herb		<i>Euphorbia cornigera</i> Boiss.	MFP	Forest	Natural	Plenty	Rare	Breathing disorders including asthma, bronchitis	Leaves, Flowers
Herb		<i>Euphorbia thomsoniana</i> Boiss.	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 semecarpifolia</i> Sm.	B/L	Forest	Natural	Plenty	Rare	Diarrhoea, dysentery	Whole part
Herb		<i>Gentiana cachemirica</i> Decne.	MFP	Forest	Natural	Plenty	Rare	Digession problem	Leaves, Flowers
Herb		<i>Gentiana ornata</i> (D.Don) Wall. ex Griseb.	MFP	Forest	Natural	Plenty	Rare	Diarrhoea, dysentery	Leaves, Flowers
Herb		<i>Gentiana phyllocalyx</i> C.B Clarke	MFP	Forest	Natural	Plenty	Rare	Diarrhoea, dysentery	Leaf, sepal
Herb		<i>Gentiana tianschanica</i> Rupr. ex Kusn.	MFP	Forest	Natural	Plenty	Rare	Digession problem	Whole part
Herb		<i>Gentianella moorcroftiana</i> (Wall. ex Griseb.) Airy Shaw	MFP	Forest	Natural	Plenty	Rare	Cold cough, nausea	Leaf
Herb		<i>Swertia ciliata</i> (D. Don ex G. Don) B.L. Burt	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 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
Herb		<i>Ajuga integrifolia</i> Buch.-Ham.	MFP	Forest	Natural	Plenty	Rare	Diarrhea, Malaria	Leaf
Herb		<i>Clinopodium vulgare</i> L.	MFP	Forest	Natural	Plenty	Rare	Overcome weak digestion	leaves
Herb		<i>Elsholtzia ciliata</i> (Thunb.) Hyl.	MFP	Forest	Natural	Plenty	Rare	Common cold,fevers,headache	Whole part
Shrub		<i>Isodon rugosus</i> (Wall. ex Benth.) Codd	MFP	Forest	Natural	Plenty	Rare	Tooth ache,gastric pain,	Whole part
Herb		<i>Lamium album</i> L.	MFP	Forest	Natural	Plenty	Rare	Abnormal vaginal discharge, & to relieve painful periods	Leaves, Flowers
Herb		<i>Leonurus cardiaca</i> L.	MFP	Forest	Natural	Plenty	Rare	Gynacological afflictions	Seed
Herb		<i>Mentha arvensis</i> L.	MFP	Forest	Natural	Plenty	Rare	Diarrhea & Dysentry,stomach problem	Leaves
Herb		<i>Nepeta connata</i> Royle ex Benth.	MFP	Forest	Natural	Plenty	Rare	Dysentry,,Teeth troubles	Leaves
Herb		<i>Nepeta leucophylla</i> Benth.	MFP	Forest	Natural	Plenty	Rare	Dysentry,,Teeth troubles	Leaves
Herb		<i>Phlomis bracteosa</i> Royle ex Benth.	MFP	Forest	Natural	Plenty	Rare	Bone fractures,sinus congustion,indigestion	Leaves, Flowers

Herb		<i>Salvia campanulata</i> Wall. ex Benth.	MFP	Forest	Natural	Plenty	Rare	Gout, Rh, Diarrhea	Leaves, Flowers
Herb		<i>Astragalus</i> <i>candolleanus</i> Benth.	MFP	Forest	Natural	Plenty	Rare	Analgesic, nutritive	Leaves, Root
Herb		<i>Astragalus</i> <i>chlorostachys</i> Lindl.	MFP	Forest	Natural	Plenty	Rare	Immune tonifying, lung tonic	Dried root
Herb		<i>Astragalus frigidus</i> (L.) A.Gray	MFP	Forest	Natural	Plenty	Rare	Immune tonifying, lung tonic	Dried root
Herb	Soyabean	<i>Glycine max</i> (L.) Merr.	MFP	Forest	Natural	Plenty	Rare	Treatment of oedema, dysuria	Seed
Herb		<i>Lotus corniculatus</i> L.	MFP	Forest	Natural	Plenty	Rare	Anti-inflammatory, Skin inflammation	Flowers
Shrub		<i>Robinia</i> <i>pseudoacacia</i> L.	MFP	Forest	Natural	Plenty	Rare	Wounds, Pain reliever	Dried leaves
Herb		<i>Trifolium pratense</i> L.	MFP	Forest	Natural	Plenty	Rare	Antispasmodic, Anti-inflammatory	Leaves flower
Herb		<i>Trifolium repens</i> L.	MFP	Forest	Natural	Plenty	Rare	Gout, Cough, Eyewash	Leaves flower
		<i>Vicia rigidula</i> Royle	MFP	Forest	Natural	Plenty	Rare	Weight loss	Leaves flower
Herb		<i>Fritillaria roylei</i> Hook.	MFP	Forest	Natural	Plenty	Rare	Anti-Asthmatic, Anti- Rh	Root
Herb		<i>Gagea lutea</i>	MFP	Forest	Natural	Plenty	Rare	Used as food	Bulbs, leaves
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.	B/L	Forest	Natural	Plenty	Rare	Respiratory problems, Anti-inflammatory	Fruit, leaves
Tree		<i>Morus alba</i> L.	B/L	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, intestinal problems	Seed, Fruit
Herb		<i>Epilobium 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> Hausskn.	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 cordigerum</i> D. Don	MFP	Forest	Natural	Plenty	Rare	Fever, Backache	Fruit
Herb		<i>Euphrasia himalayica</i> Wettst.	MFP	Forest	Natural	Plenty	Rare	Calms stressed & tired eyes	Aerial part
Herb		<i>Orobanche alba</i> Stephan	MFP	Forest	Natural	Plenty	Rare	Digestive problem	Roots
Herb		<i>Pedicularis cheilanthifolia</i> Schrenk	MFP	Forest	Natural	Plenty	Rare	Skeletal muscle relaxant	Fresh leaves
Herb		<i>Corydalis meifolia</i> Wall	MFP	Forest	Natural	Plenty	Rare	Depression, Mental Disorder	Tuber & roots
Herb		<i>Corydalis stewartii</i> Fedde	MFP	Forest	Natural	Plenty	Rare	Stomach problem	Tuber & roots
Herb		<i>Papaver argemone</i> L.	MFP	Forest	Natural	Plenty	Rare	Tumors, warts, skin diseases	Whole part
Shrub		<i>Arundo donax</i> L.	MFP	Forest	Natural	Plenty	Rare	Basket making, Diuretic, Diaphroetic	Grass
Herb		<i>Cymbopogon jwarancusa</i>	MFP	Forest	Natural	Plenty	Rare	Blood diseases, skin, Burning, vomiting	Whole part
Herb		<i>Dichanthium annulatum</i> (Forssk.) Stapf	MFP	Forest	Natural	Plenty	Rare	Hypertension, Anti-ulcer	Whole part
Herb		<i>Eleusine coracana</i> (L.) Gaertn.	MFP	Forest	Natural	Plenty	Rare	Liver disorder, smallpox	Whole part
Herb		<i>Hierochloe laxa</i> Hook. f	MFP	Forest	Natural	Plenty	Rare	Sore throat, fever, Cough	Leaves, stem

Herb		<i>Hordeum vulgare L.</i>	MFP	Forest	Natural	Plenty	Rare	Emollient febrifuga,& stoamachic	Whole part
Herb		<i>Oryza sativa L.</i>	MFP	Forest	Natural	Plenty	Rare	Poor appetite,indigestion bloating	Seeds
Herb		<i>Pennisetum flaccidum Griseb.</i>	MFP	Forest	Natural	Plenty	Rare	Fooder,Traditional medicines	Whole part
Herb		<i>Poa koelzii Bor</i>	MFP	Forest	Natural	Plenty	Rare	Inflammation of kidney	Leaves
Herb		<i>Setaria viridis (L.) P.Beauv.</i>	MFP	Forest	Natural	Plenty	Rare	Diuretic,Emollient febrifuge	Leaves seeds
Herb		<i>Triticum aestivum L.</i>	MFP	Forest	Natural	Plenty	Rare	Anti-oxidant, Astringgent,laxative	Whole part
Herb		<i>Zea mays L.</i>	MFP	Forest	Natural	Plenty	Rare	Bladder infection,prostrate issue	Corn silk
Herb		<i>Polemonium caeruleum L.</i>	MFP	Forest	Natural	Plenty	Rare	Headache ,fever,	Whole part
Herb		<i>Fagopyrum esculentum Moench</i>	MFP	Forest	Natural	Plenty	Rare	Anti-cancer,Anti-stress	Whole part
Herb		<i>Persicaria alpina (All.) H.Gross</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of sore throat & loose gum	Roots
Herb		<i>Persicaria capitata (Buch.-Ham. ex D.Don) H.Gross</i>	MFP	Forest	Natural	Plenty	Rare	Urological disorder	Whole part
Herb		<i>Persicaria amplexicaulis (D.Don) Ronse Decr.</i>	MFP	Forest	Natural	Plenty	Rare	Constipation,Common cold	Leaves, Stem
Herb		<i>Persicaria nepalensis (Meisn.) Miyabe</i>	MFP	Forest	Natural	Plenty	Rare	Anti- bacterial,Anti-fungal	Leaves, Root
Herb		<i>Persicaria vivipara (L.) Ronse Decr.</i>	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Root
Herb		<i>Persicaria wallichii Greuter & Burdet</i>	MFP	Forest	Natural	Plenty	Rare	Menstrual bleeding & urine bleeding	Whole part
Herb		<i>Polygonum affine D. Don</i>	MFP	Forest	Natural	Plenty	Rare	Diarrhea, Throat infections	Roots
Herb		<i>Rheum spiciforme Royle</i>	MFP	Forest	Natural	Plenty	Rare	oxidative stress	Whole part

Herb		<i>Rheum webbianum</i> Royle	MFP	Forest	Natural	Plenty	Rare	Renal function disorders, Cancer	Whole part
Herb		<i>Rumex acetosa</i> L.	MFP	Forest	Natural	Plenty	Rare	Diuretic, Astringent, laxative	Leaves
Herb		<i>Rumex nepalensis</i> Spreng.	MFP	Forest	Natural	Plenty	Rare	Astringent, Astringent	Leaves
Herb		<i>Androsace</i> <i>mucronifolia</i> Watt	MFP	Forest	Natural	Plenty	Rare	Folk medicines	Flower
Herb		<i>Androsace</i> <i>muscoidea</i> Duby	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Flower
Herb		<i>Androsace</i> <i>primuloides</i> Duby	MFP	Forest	Natural	Plenty	Rare	Local use of medicines, ornamental use	Leaves, Flowers
Herb		<i>Cortusa brotheri</i> Pax ex Lipsky	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Leaves, Flowers
Herb		<i>Primula stuartii</i> Wall	MFP	Forest	Natural	Plenty	Rare	Analgesic, Cold, Diuretic	Leaves, Flowers
Shrub		<i>Ziziphus oxyphylla</i> Edgew.	MFP	Forest	Natural	Plenty	Rare	Allergy, Microbial infections	Whole part
Herb		<i>Aconitum</i> <i>rotundifolium</i> Kar. & Kir.	MFP	Forest	Natural	Plenty	Rare	Used as Arrow poisons	Roots
Herb		<i>Aconitum violaceum</i> Jacquem.	MFP	Forest	Natural	Plenty	Rare	Antidote, Anti-inflammatory	Whole part
Herb		<i>Actaea spicata</i> L.	MFP	Forest	Natural	Plenty	Rare	Snake bite, Nervous disoredr	Roots
Herb		<i>Adonis</i> <i>chrysocyathus</i> Hook.f. & Thomson	MFP	Forest	Natural	Plenty	Rare	Anti-oxidant, Anti-inflammatory	Whole part
Herb		<i>Anemone rivularis</i> Buch.-Ham. ex DC.	MFP	Forest	Natural	Plenty	Rare	Anti-anemic & vermifuge	Leaf
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 brunonianum</i> Royle	MFP	Forest	Natural	Plenty	Rare	Local Medicines, Use as oil	Whole part
Herb		<i>Delphinium cashmerianum</i> Royle	MFP	Forest	Natural	Plenty	Rare	Intestinal worms, insomnia	Roots
Herb		<i>Delphinium vestitum</i> Wall. ex Royle	MFP	Forest	Natural	Plenty	Rare	Cuts, Dysentery, 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 swelling in testes	Leaves, Flowers
Herb		<i>Thalictrum cultratum</i> Wall.	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Whole part
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, dysentery, Bloodshot eyes, sore throat	Root, Rhizomes
Herb		<i>Agrimonia pilosa</i> Ledeb.	MFP	Forest	Natural	Plenty	Rare	Abdominal pain, sore throat, headache	Leaves
Tree	Bahi	<i>Cydonia oblonga</i> Mill.	B/L	Forest	Natural	Plenty	Rare	Cancer, diabetes	Fruit seeds
Herb		<i>Duchesnea indica</i> (Andrews) Focke	MFP	Forest	Natural	Plenty	Rare	Used as fruit, antiseptic	Leaves, fruit
Herb		<i>Filipendula vestita</i> (Wall. ex G. Don) Maxim.	MFP	Forest	Natural	Plenty	Rare	Stop bleeding, toothache	Root, leaves
Herb		<i>Geum urbanum</i> L.	MFP	Forest	Natural	Plenty	Rare	Treat problems mouth, throat	Rhizomes
Tree		<i>Malus domestica</i> Borkh.	B/L	Forest	Natural	Plenty	Rare	Heart diseases, high cholesterol	Fruit leaves
Herb		<i>Potentilla argrophylla</i> Wall. ex Lehm.	MFP	Forest	Natural	Plenty	Rare	Herbal remedy for inflammation & gastro intestinal disorder	Leaves, Flowers

Herb		<i>Potentilla argyrophylla</i> var. <i>atrosanguinea</i> (Lodd., G. Lodd. & W. Lodd.) Hook. f.	MFP	Forest	Natural	Plenty	Rare	Herbal remedy for inflammation & gastro intestinal disorder	Leaves, Flowers
Herb		<i>Potentilla cuneata</i> Wall. ex Lehm.	MFP	Forest	Natural	Plenty	Rare	Diarrhea, menstraul bleeding	Leaves, Flowers
Herb		<i>Potentilla curviseta</i> L.	MFP	Forest	Natural	Plenty	Rare	Diarrhea	Leaves, Flowers
Herb		<i>Potentilla nepalensis</i>	MFP	Forest	Natural	Plenty	Rare	Anti diarrheal, digestive problem	Leaves, Flowers
Tree		<i>Prunus armeniaca</i> L.	B/L	Forest	Natural	Plenty	Rare	Asthama, cough, constipation	Flower
Tree		<i>Prunus avium</i> (L.) L.	B/L	Forest	Natural	Plenty	Rare	Cough, oedema, anaemia	Flower
Tree		<i>Cerasus vulgaris</i> Mill.	B/L	Forest	Natural	Plenty	Rare	Urinary tract infections	Fruit
Tree		<i>Prunus spinosa</i> L.	B/L	Forest	Natural	Plenty	Rare	Diaphoretic, diuretic, laxative	Whole part
Tree		<i>Prunus persica</i> (L.) Stokes	B/L	Forest	Natural	Plenty	Rare	Laxative, sedative & antiasthmatic	Seed, Flower
Tree		<i>Prunus prostrata</i> Labill.	B/L	Forest	Natural	Plenty	Rare	Cancer	Seed
Tree		<i>Pyrus pashia</i> Buch.-Ham. ex D. Don	B/L	Forest	Natural	Plenty	Rare	Fever, hedache, laxative	Fruit
Shrub		<i>Rosa cymosa</i> Tratt.	MFP	Forest	Natural	Plenty	Rare	Diarrhea, Rh	Roots, Fruit
Herb		<i>Sibbaldia cuneata</i> Hornem. ex Kuntze	MFP	Forest	Natural	Plenty	Rare	Respiratory problems	Stem, flower
Shrub		<i>Sorbaria tomentosa</i> (Lindl.) Rehder	MFP	Forest	Natural	Plenty	Rare	Dysentery	Leaves, Flower
Shrub		<i>Spiraea bella</i> Sims	MFP	Forest	Natural	Plenty	Rare	Antiseptic, aeromatic, anti inflammatory	Stem
Tree		<i>Populus ciliata</i> Wall. ex Royle	B/L	Forest	Natural	Plenty	Rare	Making boxes for packing purposes, furniture & cross beams	Whole part
Shrub	White/ Kashmir willow	<i>Salix alba</i> L.	MFP	Forest	Natural	Plenty	Rare	Cold, fever & joint pains	Bark, Stem

Herb		<i>Salix calyculata</i> Hook. f. ex Andersson	MFP	Forest	Natural	Plenty	Rare	Anti cancer activity agent	Bark, Stem
Tree		<i>Acer acuminatum</i> Wall. ex D.Don	B/L	Forest	Natural	Plenty	Rare	Treatment of Rh, Brusis, eye disease & pain	Root, Flower
Herb		<i>Saxifraga caveana</i> W.W. Sm	MFP	Forest	Natural	Plenty	Rare	Anti inflamentry, diaphoretic, diuretic	Whole part
Herb		<i>Saxifraga flagellaris</i> Willd.	MFP	Forest	Natural	Plenty	Rare	Wounds & other minor skin injuries	Stem, flower
Herb		<i>Veronica anagallis-aquatica</i>	MFP	Forest	Natural	Plenty	Rare	Scurvy, impurity of the blood	Root, leaves
Herb		<i>Veronica laxa</i> Benth.	MFP	Forest	Natural	Plenty	Rare	Respiratory problems, wound healing	Stem, flower
Herb		<i>Veronica persica</i> Poir.	MFP	Forest	Natural	Plenty	Rare	Rh, hernia, wound healing	Seed, leaves
Herb		<i>Lycopersicon esculentum</i> Mill.	MFP	Forest	Natural	Plenty	Rare	Protect from heart attack, burns , salads	Seed, fruit
Herb		<i>Physochlaina praealta</i> (Decne.) Miers	MFP	Forest	Natural	Plenty	Rare	Asthma, chronic bronochits, abdominal pain	Stem, root
Herb		<i>Solanum nigrum</i> L.	MFP	Forest	Natural	Plenty	Rare	Dysentery, stomach complaints, fever tonic, laxative	Leaves, fruit
Herb		<i>Solanum tuberosum</i> L.	MFP	Forest	Natural	Plenty	Rare	Peptic ulcers, relief from pain & acidity	Whole part
Tree		<i>Taxus wallichiana</i> Zucc.	B/L	Forest	Natural	Plenty	Rare	Common cold, Cough, Fever & pain	Bark, Leaves
Shrub		<i>Daphne mucronata</i> Royle	MFP	Forest	Natural	Plenty	Rare	Skin diseases, ,cancer & Rh	Leaves, fruit
Herb		<i>Girardinia diversifolia</i> (Link) Friis	MFP	Forest	Natural	Plenty	Rare	Constipation , Headache, & swollen juice	Leaves, fruit
Herb		<i>Viola biflora</i> L.	MFP	Forest	Natural	Plenty	Rare	Anti-inflammatory, Laxative	Whole part
Herb		<i>Viola canescens</i> Wall.	MFP	Forest	Natural	Plenty	Rare	Cough,cold, flu,fever & Malaria	Root, leaves
Climber		<i>Vitis vinifera</i> L.	MFP	Forest	Natural	Plenty	Rare	Natural Anti-oxidant	Fruit, leaves
Herb	Sanjeevani	<i>Rhodiola fastigiata</i>	MFP	Forest	Natural	Plenty	Rare	Traditional Medicines	Whole part

Herb	Guggi Van	<i>Pleurospermum candollei</i>	MFP	Forest	Natural	Plenty	Rare	Used in folk medicines	Whole part			
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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	Deodar	<i>Cedrus deodara</i>	Forest	Plenty	Rear	Wild	Used in neurological disorders, asthma, fever, arthritis & headache.	Local zamindars have got emple knowledge with respect to identification of the species as well their comon usage		Elder members of the community
Trees	Kail	<i>Pinus walichina</i>	Forest	Plenty	Rear	Wild	Usful in treating burning of the body, cough, fainting & ulcers.			
Trees	Fir	<i>Abies pindrow</i>	Forest	Plenty	Rear	Wild	Used for treating fever, wheezing cough & cold.			
Trees	Postul/ Brahmi	<i>Taxus baccata</i>	Forest	Plenty	Rear	Wild	Useful for treating common cold, cough, fever & pain.			
Trees	Bojpater	<i>Batulla</i>	Forest	Plenty	Rear	Wild	Used for relegious purposes, traditional medicines, herbalism, alcohah extract i.e; tincture			
Trees	Akhrot	<i>Juglans regia</i>	Local/ Forest	Plenty	Rear	Wild/ home garden	Leaves are used in treatment of chronic coughs, asthma & purify blood and treat diabetes			

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	Daeng,	<i>Orisaries</i>	Local	Small size rough coat	Flock rearing	Plenty	Rare	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Sheep	Daeng,	<i>Orisaries</i>	Rambouillet cross bread	Large size low body weight	Flock rearing	Rare	Plenty	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Goat	Bakri	<i>Capra hircas</i>	Local	Small size low body weight	Flock rearing	Plenty	Rare	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Goat	Bakri	<i>Capra hircas</i>	Kaghani, bakasooli	Large size high body weight	Flock rearing	Rare	Plenty	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Cow	Gaaa,	<i>Bos taurus</i>	Local	Cow have hooves on there feet and can weight upto 400 pounds	Flock rearing	Rare	Plenty	Milk, Cow dung	Milk good for health	Yes	High milk production	Local/Nomads
Buffalo	Bhains	<i>Babulas</i>	Local	Dark slab colour less	Domesticate	Plenty	Rare	Milk, Dung	Milk good for health	Yes	High milk production	Local/Nomads
Ox	Bhadel	<i>Bos spp.</i>	Local	For plugging	Domesticate	Plenty	Rare	For plugging	Use for plugging	Yes	Use for plugging	Local/Nomads
Dog	Kotar	<i>Cains familiaris</i>	Local	Pet	Pet	Rare	Plenty	Guard, hunting dog	Nil	Nil	Nil	Local/Nomads

Cat	Balai	<i>Felis cats</i>	Local	Pet	Pet	Rare	Plenty	Pest control	Nil	Nil	Nil	Local/Nomads
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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 incase of bi-annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported
-----Nil-----								

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					
Shurb	Ban Kakkri	<i>Podophyllum hexandrum</i>	Grow Annually	Forest	Plenty	Endangered	Useful to the skin for removal of warts,including plantar warts & sexually tranmitted warts.	Fruit			Inhabitants of the area.
Shurb	Rhubarb (Churko)	<i>Rheum spiciforme</i>	Grow Annually	Forest	Plenty	Rare	Harvested from the wild for local use as a food & medicine	Flower/ stem			
Herb	Kuth	<i>Saussurea costus</i>	Grow Annually	Forest	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>	Grow Annually	Forest	Plenty	Rare	Useful for ailmentsof the bones,Rh,toothache,asthma,cough nervous disease & stomach pain.	Seeds			
Herb	Guggal/Dhoop	<i>Jurinea dolomiaca</i>	Grow Annually	Forest	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>	Grow Annually	Forest	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>	Grow Annually	Forest	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 Used to treat	Roots, Rhizomes	
Shurb	Dhatura	<i>Dhatura metel</i>	Grow Annually	Forest	Plenty	Rare	hydrophobia,epilepsy,convulsion,syphilis,inflammation of the breasts, smallpox,mumps & leprosy,also used as a nesticide.	Seeds	
	Gokhru	<i>Tribulus terrestris</i>	Grow Annually	Forest	Plenty	Rare	Traditionally,people have used this plant for a variety of potential effects,including to enhance libido,keep the urinary tract healthy & reduce swelling.	Leaves & Flowers	
Shurb	Seski (murin)	<i>Artemisia brevifolia</i>	Grow Annually	Forest	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>	Wild	Forest	Plenty	Rare	Useful for the treatment of uterine contraction,ulcers,fever & kidney stone,also treat throat infection,diabetes.	Leaves & Roots	
	Surajan-e-talakh	<i>Colchicum luteum</i>	Wild	Forest	Plenty	Rare	Used as a carminative ,laxative & are effective in the treatment of gout,Rh,& disease of liver & spleen.	Corms	

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	Akhrot	<i>Juglans regia</i>	Broad Leave	Economical & Social	Do exist
2	Hatab	<i>Parraotia jacquemontiana</i>	Broad Leave	Economical & Social	Do exist
3	Phrast	<i>Populus alba</i>	Broad Leave	Economical & Social	Do exist
4	Kiker	<i>Acacia nilotica</i>	Broad Leave	Economical & Social	Do exist
5	Champ	<i>Alnus nitida</i>	Broad Leave	Economical & Social	Do exist
6	Heru	<i>Quercus ilex</i>	Broad Leave	Economical & Social	Do exist
7	Kolum	<i>Viburnum novasum</i>	Broad Leave	Economical & Social	Do exist
8	Mohru	<i>Quercus floribunda</i>	Broad Leave	Economical & Social	Do exist
9	Bren	<i>Ulmus wallichiana</i>	Broad Leave	Economical & Social	Do exist
10	Mooin	<i>Artemisia meritima</i>	Broad Leave	Economical & Social	Do exist
11	Boj Patar	<i>Betula utilis</i>	Broad Leave	Cultural & Social	Do exist
12	Pudina	<i>Mentha longifolia</i>	Broad Leave	Economical & Social	Do exist
13	Socchal	<i>Malva neglecta</i>	Broad Leave	Economical & Social	Do exist
14	Pamachari/Pamchalan	<i>Rheum australe</i>	Broad Leave	Economical & Social	Do exist
15	Kuth	<i>Saussurea lappa</i>	Broad Leave	Economical & Social	Do exist
16	Kakarsinghi	<i>Pistacia intergerrima</i>	Broad Leave	Economical & Social	Do exist
17	Naghchatri	<i>Trillium govaniaum</i>	Broad Leave	Economical & Social	Do exist
18	Plum	<i>Prunus persica</i>	Broad Leave	Economical & Social	Do exist
19	Zakhamahayat	<i>Sexifraga ligulata</i>	Broad Leave	Economical & Social	Do exist
20	Jangli angoor	<i>Vitis vinefera</i>	Broad Leave	Economical & Social	Do exist

21	Jangli gulab	<i>Rosa maschata</i>	Broad Leave	Ecnomical & Social	Do exist
22	Agg jari	<i>Saxifraga jacquemontiana</i>	Broad Leave	Ecnomical & Social	Do exist
23	Ban tambaku	<i>Verbascum thapsus</i>	Broad Leave	Ecnomical & Social	Do exist
24	Banafsha	<i>Viola odorata</i>	Broad Leave	Ecnomical & Social	Do exist
25	Bankakdi	<i>Podophyllum hexandrum</i>	Broad Leave	Ecnomical & Social	Do exist
26	Belladonna	<i>Atropa belladonna</i>	Broad Leave	Ecnomical & Social	Do exist
27	Bhang	<i>Cannabis sativa</i>	Broad Leave	Ecnomical & Social	Do exist
28	Bhutyata	<i>Corydalis govaniiana</i>	Broad Leave	Ecnomical & Social	Do exist
29	Brand	<i>Phytolacca acinosa</i>	Broad Leave	Ecnomical & Social	Do exist
30	Chalander	<i>Viburnum grandiflorum</i>	Broad Leave	Ecnomical & Social	Do exist
31	Chora	<i>Angelica glauca</i>	Broad Leave	Ecnomical & Social	Do exist
32	Chukri	<i>Rheum australe</i>	Broad Leave	Ecnomical & Social	Do exist
33	Chuku	<i>Oxalis corniculata</i>	Broad Leave	Ecnomical & Social	Do exist
34	Dand jari	<i>Rhodiola himalensis</i>	Broad Leave	Ecnomical & Social	Do exist
35	Dhad Kopdi	<i>Bergenia stracheyi</i>	Broad Leave	Ecnomical & Social	Do exist
36	Feku	<i>Ficus palmata</i>	Broad Leave	Ecnomical & Social	Do exist
37	Gaddo	<i>Salvia moorcroftiana</i>	Broad Leave	Ecnomical & Social	Do exist
38	Guggal	<i>Jurinea dolomiaea</i>	Broad Leave	Ecnomical & Social	Do exist
39	Gul-e-snohar	<i>Geranium wallichianum</i>	Broad Leave	Ecnomical & Social	Do exist
40	Hamesh bahar	<i>Calendula officinalis</i>	Broad Leave	Ecnomical & Social	Do exist
41	Handh	<i>Taraxacum officinale</i>	Broad Leave	Ecnomical & Social	Do exist
42	Hillu	<i>Impatiens glandulifera</i>	Broad Leave	Ecnomical & Social	Do exist
43	Jarjam	<i>Sanecio chrysanthemoides</i>	Broad Leave	Ecnomical & Social	Do exist
44	Kaimal	<i>Berberis lyceum</i>	Broad Leave	Ecnomical & Social	Do exist
45	Kala zeera	<i>Bunium persicum</i>	Broad Leave	Ecnomical & Social	Do exist

46	Kahjuban	<i>Arnebia benthami</i>	Broad Leave	Ecnomical & Social	Do exist
47	Kalishadi	<i>Daphne oleoides</i>	Broad Leave	Ecnomical & Social	Do exist
48	Kanhaji	<i>Sorbaria tomentosa</i>	Broad Leave	Ecnomical & Social	Do exist
49	Kareel Kaimbul	<i>Berberis aristata</i>	Broad Leave	Ecnomical & Social	Do exist
50	Kinns	<i>Dioscorea deltoidea</i>	Broad Leave	Ecnomical & Social	Do exist
51	Kour	<i>Picrorhiza Kurrooa</i>	Broad Leave	Ecnomical & Social	Do exist
52	Kuppad jari	<i>Sedum ewersii</i>	Broad Leave	Ecnomical & Social	Do exist
53	Mooiin	<i>Artemisa maritime</i>	Broad Leave	Ecnomical & Social	Do exist
54	Mori	<i>Delphinium roylei</i>	Broad Leave	Ecnomical & Social	Do exist
55	Mulam	<i>Inula royeleana</i>	Broad Leave	Ecnomical & Social	Do exist
56	Murma	<i>Valeriana dubia</i>	Broad Leave	Ecnomical & Social	Do exist
57	Nag Rus	<i>Acorus calamus</i>	Broad Leave	Ecnomical & Social	Do exist
58	Neel Kanth	<i>Ajuga bracteosa</i>	Broad Leave	Ecnomical & Social	Do exist
59	Nichni	<i>Rhododendron campannalatum</i>	Broad Leave	Ecnomical & Social	Do exist
60	Patrishi	<i>Aconitum heterophyllum</i>	Broad Leave	Ecnomical & Social	Do exist
61	Postul	<i>Taxus baccata</i>	Broad Leave	Ecnomical & Social	Do exist
62	Sapp Google	<i>Arisaema flavum</i>	Broad Leave	Ecnomical & Social	Do exist
63	Shemar	<i>Desmodium elegans</i>	Broad Leave	Ecnomical & Social	Do exist
64	Sheshak	<i>Rhabdosia rugosa</i>	Broad Leave	Ecnomical & Social	Do exist
65	Shutenger	<i>Rhododendren anthopogon</i>	Broad Leave	Ecnomical & Social	Do exist
66	Suchal	<i>Malva neglecta</i>	Broad Leave	Ecnomical & Social	Do exist
67	Tatnu	<i>Caltha palustris</i>	Broad Leave	Ecnomical & Social	Do exist
68	Avens	<i>Geum elatum</i>	Broad Leave	Ecnomical & Social	Do exist
69	Baby's breath	<i>Gypsophila cerastioides</i>	Broad Leave	Ecnomical & Social	Do exist
70	Black Henbit, Henbane,	<i>Hyoscyamus niger</i>	Broad Leave	Ecnomical & Social	Do exist

71	Bladder Champion	<i>Silene vulgaris</i>	Broad Leave	Ecnomical & Social	Do exist
72	Burdock	<i>Arctium lappa</i>	Broad Leave	Ecnomical & Social	Do exist
73	Cinquefoil	<i>Potentilla argyrophylla</i>	Broad Leave	Ecnomical & Social	Do exist
74	Cow Parsnip	<i>Heracleum candicans</i>	Broad Leave	Ecnomical & Social	Do exist
75	Crame's bill flower	<i>Geranium pratense</i>	Broad Leave	Ecnomical & Social	Do exist
76	Cudweed	<i>Gnaphalium hypoleucum</i>	Broad Leave	Ecnomical & Social	Do exist
77	Dandelion	<i>Taraxacum officinale</i>	Broad Leave	Ecnomical & Social	Do exist
78	Darnel grass	<i>Lolium temulentum</i>	Broad Leave	Ecnomical & Social	Do exist
79	Foreget-me-Not	<i>Myosotis sylvatica</i>	Broad Leave	Ecnomical & Social	Do exist
80	Golden Rod	<i>Solidago virgaurea</i>	Broad Leave	Ecnomical & Social	Do exist
81	Granny's Bonnet	<i>Aquilegia fragrans</i>	Broad Leave	Ecnomical & Social	Do exist
82	Groundsel	<i>Senecio chrysanthemoides</i>	Broad Leave	Ecnomical & Social	Do exist
83	Helleborine	<i>Epipactis latifolia</i>	Broad Leave	Ecnomical & Social	Do exist
84	Helleborine Orchid	<i>Epipactis wallichii</i>	Broad Leave	Ecnomical & Social	Do exist
85	Hound's Tongue	<i>Cynoglossum zeylanicum</i>	Broad Leave	Ecnomical & Social	Do exist
86	Kashmir Sage	<i>Salvia hians</i>	Broad Leave	Ecnomical & Social	Do exist
87	Larkspur	<i>Delphinium vestitum</i>	Broad Leave	Ecnomical & Social	Do exist
88	May Apple	<i>Podophyllum hexandrum</i>	Broad Leave	Ecnomical & Social	Do exist
89	Milkvetch	<i>Astragalus</i>	Broad Leave	Ecnomical & Social	Do exist
90	Millfoil	<i>Achillea millefolium</i>	Broad Leave	Ecnomical & Social	Do exist
91	Mountain Sorrel	<i>Oxyria digyna</i>	Broad Leave	Ecnomical & Social	Do exist
92	Nepal Cinquefoil	<i>Potentilla nepalensis</i>	Broad Leave	Ecnomical & Social	Do exist
93	Nepal Dock	<i>Rumex nepalensis</i>	Broad Leave	Ecnomical & Social	Do exist
94	Northern Bedstraw	<i>Galium boreale</i>	Broad Leave	Ecnomical & Social	Do exist
95	Pink Evening Primrose	<i>Oenothera rosea</i>	Broad Leave	Ecnomical & Social	Do exist

96	Red Clover	<i>Trifolium pretense</i>	Broad Leave	Ecnomical & Social	Do exist
97	Rock splitter	<i>Bergenia stracheyi</i>	Broad Leave	Ecnomical & Social	Do exist
98	Silky Woundwort	<i>Stachys sericea</i>	Broad Leave	Ecnomical & Social	Do exist
99	St. John's Wort	<i>Hypericum perforatum</i>	Broad Leave	Ecnomical & Social	Do exist
100	Sun Spurge,	<i>Euphorbia helioscopia</i>	Broad Leave	Ecnomical & Social	Do exist
101	Touch me not	<i>Impatiens thomsonii</i>	Broad Leave	Ecnomical & Social	Do exist
102	Wallich's Willow Herb	<i>Epilobium wallichianum</i>	Broad Leave	Ecnomical & Social	Do exist
103	White spotted Lousewort	<i>Pedicularis punctata</i>	Broad Leave	Ecnomical & Social	Do exist
104	Wild Indigo	<i>Indigofera heterantha</i>	Broad Leave	Ecnomical & Social	Do exist
105	Wild Lettuce	<i>Lactuca longifolia</i>	Broad Leave	Ecnomical & Social	Do exist
106	Wild Rose	<i>Rosa webbiana</i>	Broad Leave	Ecnomical & Social	Do exist
107	Wild Strawberry	<i>Fragaria nubicola</i>	Broad Leave	Ecnomical & Social	Do exist

Format-21 : Wild Aquatic Plant Species of Importance.

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Champ	<i>Ulmus tindia</i>		Help in soil binding	
2	Willow	<i>Salix alba</i>		Suitable for Cricket bat Manufacturing	
3	Shambar	<i>Cassia fistula</i>			

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	Bergeur, Gandana	<i>Achillea millefolium L.</i>					Leaf infusion against stomachache, cold and as tonic	Leaves			
Herb	Patrees	<i>Aconitum heterophyllum Wall. ex Royale</i>					Used against diarrhea, general weakness,	Roots			
Herb	Praan, Gogcheegma	<i>Allium corolinianum DC.</i>					Indigestion and in cooking pulses and vegetables by the nomads	Bulbs			
Herb	Choru, Chohore	<i>Angelica glauca Edgew</i>					Roots as spice and condiment	Roots			
Herb	Kalumb, Jangli kuth	<i>Aquilegia fragrans Benth</i>					Cystitis, gout, eczema, psoriasis and blood sugar	Roots			
Herb	Ratanjot	<i>Arnebia euchroma (Royale) Johnston</i>					Anti-inflammatory, eye-diseases, cuts & wounds,	Roots			
Herb	Moori, Joon, tarkha	<i>Artemisia brevifolia Wall. ex DC.</i>					Stomach-ache, intestinal worms,	Leaves			

Herb	Jala kafal	<i>Atropa accuminata Royale</i>					Anti-asthmatic, anti- spasmodic, diuretic,	Root			
Herb	Daruhalidi, khawaray	<i>Berberis lycium Royale</i>					Fruit extract against stomachache and diarrhoea,	Fruits, roots			
Herb	Zakham-a-hayat, sapdotri	<i>Bergenia ciliata (Hookf.Thoma s) Engl.</i>					Massage to cure body swelling, kidney stones,	Roots			
Herb	Kala zeera, siazeera	<i>Bunium persicum L</i>					Seed as spice, appetiser, reduces cholesterol,	Seeds			
Herb	Bibdi	<i>Codonopsis rotundifolia Benth</i>					Eaten as vegetable, roots are aphrodisiac,	Fruit			
Herb	Chingposh	<i>Colchicum leutum Baker</i>					Rheumatism, gout, diseases of liver and spleen	Corms			
Herb	Salam panja	<i>Dactylorhiza hetagirea (D.Don) Soo</i>					Round worms of stomach,	Roots			
Herb	Nirvisha	<i>Delphinium brunonianum Wall.</i>					Diabetes	Whole plant			

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					
Kalazera	<i>Cuminum cymnium</i>		Steep slope			Cooking Purpose	Seed			Local
Sonf	<i>Foeniculum vulgare</i>		Steep slope			Cooking Purpose	Seed			Local
Chilgoza	<i>Pinus grardena</i>		Steep slope			Medicinal	Seed			Local
Raj Mash	<i>Phaseolus Vulgaris</i>		Steep slope			Cooking Purpose	Seed			Local
Phulan			Steep slope			Medicinal	Seed			Local
Wheat	<i>Triticum</i>		Steep slope			Used as flour	Seed			Local
Kodra	<i>Paspalum scrobiculatum</i>		Steep slope			Used as flour	Seed			Local
Grim	<i>Grimmia pulvinata</i>		Steep slope			Medicinal	Seed			Local

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					
Herb	Sonf/Bodiyana	<i>Foeniculum vulgare</i>	Broad Leaved	Low land	Plenty	Less Abundant	Constipation treatment	Seeds	Also used as flavouring agent		
	Jungli pudina	<i>Mentha longifolia</i>					Cooling medicine	Leaves	Mouth freshner		
	Kim	<i>Morima longifolia</i>					to avoid insect Damage to garments	Rhizomes			
	Bantambaku						Narcotic	Leaves			
	Bhang	<i>Cannabis sativa</i>						leaves	used as local beverage		
	Dhoop	<i>Jurinum locosepla</i>									
Trees	khor/Dun	<i>Juglanas regia</i>				Tooth ache	Leaves pericarp				

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				
Deodar	<i>Cedrus deodara</i>	Temperate zone	Timber	Timber	Oil use for skin infection	Kail,Fir,Oak		
						Hatab,bankhor		
						Akhrot		
Kail	<i>Pinus wallichiana</i>	Temperate zone	Timber	Timber	Gum use in cracks	Deo,Hatan,Oak,		
Fir	<i>Abies pindrow</i>	Alpine				Bankhor Akhrot		
Chir	<i>Pinus roxburghii</i>	Sub tropical				R.T.Texa, sproos		
						Shesham,fagura		

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	Suh/Leopard	<i>Panthera pardus</i>	High altitude	Fur with dark rosettes	Both summer/winter	Plenty	Rare					
Mammal	Pijad	<i>Capra aegagrus</i>	High altitude	Resembles goat	winter	Plenty	Rare					
Mammal	Jungli billi	<i>Felis chaus</i>	Lower scrub Forest	Grey , light brown in colour	winter	Plenty	Rare					
Mammal	Jackal/ Gidur	<i>Cains aureus</i>	Around Habitation	Nocturnal	winter	Plenty	Rare					
Mammal	Reech/ Bhalu	<i>Ursus americames</i>	High altitude	Omnivore	winter	Plenty	Rare					
Mammal	Snow leopard	<i>Unica unica</i>	High altitude		throughout year							
Mammal	Leopard cat	<i>Prionailurus begalensis</i>	High altitude		throughout year							
Mammal	Eurasian lynx	<i>Lynx lynx</i>	High altitude		throughout year							
Mammal	Grey wolf	<i>Canis lupus</i>	High altitude		throughout year							
Mammal	Red fox	<i>Vulpus vulpus</i>	High altitude		throughout year							
Mammal	Himalayan Brown Bear	<i>Ursus arctos</i>	High altitude		throughout year							

Mammal	Eurasian Black Bear	<i>Ursus thibetanus</i>	High altitude		throughout year		
Mammal	Himalayan weasel	<i>Mustela siberica</i>	High altitude		throughout year		
Mammal	Himalayan stoat	<i>Mustela ermine</i>	High altitude		throughout year		
Mammal	Beach or stone weasel	<i>Martes foina</i>	High altitude		throughout year		
Mammal	Yellow-throated marten	<i>Martes flavigula</i>	High altitude		throughout year		
Mammal	Pine martin	<i>Martes martes</i>	High altitude		throughout year		
Mammal	Eurasian otter	<i>Lutra lutra</i>	High altitude		throughout year		
Mammal	Kashmir Musk deer	<i>Moschus cupreus</i>	High altitude		throughout year		
Mammal	Alpine ibex	<i>Capra ibex</i>	High altitude		throughout year		
Mammal	Himalayan goral	<i>Nemorhaedus flavigula</i>	High altitude		throughout year		
Mammal	Himalayan Tahr	<i>Hermitragus jemlahicus</i>	High altitude		throughout year		
Mammal	Kashmir grey langur	<i>Semnopithecus ajas</i>	High altitude		throughout year		
Mammal	Small Indian Mongoose	<i>Herpestes auropunctatus</i>	High altitude		throughout year		
Mammal	Monkey	<i>Simiiformes catarrhini</i>	High altitude	Social	throughout year	Plenty	Rare
Rodents	Chuha	<i>Mus booduga</i>	fields	Common in houses	throughout year	Plenty	Common

Necessary for maintenance of Ecological balance

Prohibited

Locals having good knowledge with respect to their identification

Birds	Tota	<i>Alexandrine parakeet</i>	Around habitation	Feeds on seeds , weeds, grain	Through out Year	Plenty	Common					
Birds	kawa	<i>Corvus</i>	Around habitation	Feeds on seeds , weeds, grain	Through out Year	Plenty	Common					
Birds	Cheel	<i>Milvus migrans</i>	Migratory	Carvinore	Through out Year	Plenty	Common					
Birds	Chakor	<i>Alectoris chukar</i>	lowlands		Through out Year	Abundant	Rare					
Amphibian	Frog	<i>Rana cyanophlictis</i>	Ponds, lakes		summer	Abundant	Common					
Amphibian	Toad	<i>Bufo virdis</i>										
Insects	Bichoo	<i>Typhlochactas mitchelli</i>	Moist low land		summer	Abundant	Common					
Insects	Ttili	<i>Rhopalocera</i>	low Lands	feeds on flowers nectar	summer	Abundant	Common					
Insects	Cockroach	<i>Blattodea</i>	low Lands	waste Materila	summer	Abundant	Common					
	AS (Alpine Scrub)	RO (Rockey Outcrops)	AE (Ariel Edges)	GD (Garbage Dumps)	OH (Open Hill)							
	OS (Open Scrub)	TB (Temperate Broadleaf)	TC (Temperate Conifer)	RF (Riparian Forest)	UF (Urban Forest)	AQ (Aquatic Forest)						

Format 30: Fauna

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)

Format-31 : Any other information of local importance.

1	2	3
S. No.	Information of local importance	Remarks
1	Sapphire (Neelam)	Jewellery items
2		

End of Part II