People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Thanala
Taluk: Bhaderwah
District: Doda
State: J&K UT
Geographical Area of the Panchayat Samiti: 275.2 Hac.
Population under the Panchayat Samiti: 1665
Male: 858 Female: 807
Habitat and Topography: Hilly and plain both
Climate (Rainfall, Temperature and weather patterns): Temperate area with Moderate rainfall
Land Use (Nine fold classification available with village records): Agriculture and horticulture
Date, Month and Year of PBR Preparation: 16 09 22
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM):-

	Annexure 1
Details of Biodiversity Management Committee (BMC) of the Panchayat (One elect the local body ; not less than one third to be women and not less than 18% belonging	
1)Name of the Chairperson: Shokoor Ahmed	
Age: 38	
Gender: Female	
Address: Thanalla	
Area of specialization: Sarpanch	
2) Name: Rubina Begum	
Age: 40	
Gender: Female	
Address: Thanalla	
Area of specialization: House wife	
3) Name:- Ishrata Begum	
Age: 22	
Gender: Female	
Address: Thanalla	
Area of specialization: House wife	
4)Name: Mohd Ashsraf	
Age: 42	
Gender: Male	
Address: Thanalla	
Area of specialization: Labourer	
5)Name: Nazir Ahmed	
Age: 36	
Gender: Male	
Address: Thanalla	
Area of specialization: Labourer	
6)Name: Ashiq Hussain	
Age: 39	
Gender: Male	
Address: Thanalla	
Area of specialization: Labourer	
7)Name: Azeem	
Age: 34	
Gender: Male	
Address: Bhaderwah	
Area of specialization: Secretary Panchayat	

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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: Gul Mohd Hamdan
Age: 52
Gender: Male
Address: Thanalla
Area of specialization: Bone specialist
Location from which the person accesses biological material: Local Resources
Perception of the practitioner on the resource status:
Medicinal Use: Medical repair of bone with traditional methods
2) Name: Baber Ahmed Butt
Age: 46
Gender: Male
Address: Thanalla
Area of specialization: Hakim
Location from which the person accesses biological material: Biological method
Perception of the practitioner on the resource status: Jeri Butti
Medicinal Use: Use for fever and cough
3)Name:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name of the Chairperson: Majid khan
Age: 52
Gender: male
Address: thanalla
Area of specialization: Agriculture
2) Name of the Chairperson: Jameel ahmed
Age: 56
Gender: male
Address: thanalla
Area of specialization: forestry
3)Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
4)Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

Annexure 4

Annexure 4
Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR
I) Contact Person:
Name and Address:
2) Contact Person:
Name and Address:
3) Contact Person:
Name and Address:
4) Contact Person:
Name and Address:
You may add names of more institutions/NGO/Individuals etc, if necessary

					Annexure 5							
	Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing											
S.No	Name and address of the Person/Institute/company others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared							

End of Part I

Format	Part II PBR – Formats AGROBIODIVERSITY ormat 1: Crop Plants													
1	2	3	4	5	6	-	1	8	9	10	11	12	13	14
Сгор	Scientific Name	Local Name	Variety	Landscape /Habitat	Approx Area Sown	Local Past	Status Present	Special features	Cropping Season	Uses	Associated TK	Other Details	Source of Seeds / Plants	Community /Knowledge Holder
Maize	Zea mays	Kookri	Plandri, Rashi4794, Bio- 9621, Bio-9220	Hilly temperate and intermediate		Abundant	Abundant	April sown, local variety dentles, corn & flour sweet in taste	Kharif	Major food item, used as flour, feed to cattle, poultry etc.	Local variety plandri sown before 15 th april.	NA	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Kale	Brassica olereca	Haak	G.M Dari, Khanyari	Hilly temperate and intermediate		Plenty	plenty	high yield production	Kharief and Rabi crop	Ass vegetable	Rich in fibre	Suitable for all areas	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Bottlegoua rd	Lagenaria siceraria	Aul	Local variety	Hilly temperate and intermediate		Plenty	plenty	high yield production	Kharief	As vegetable	good for health	Suitable for all areas	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Potato	Solanum tubersum	Aalu	Pahadi aalu	Hilly temperate and intermediate		Plenty	plenty	high yield prodeution	kharief	as vegetable and chips	rich in proteins and carbohydrates	suitable for almost plain areas	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Frenchbean s	phaseolus vulgaris	frashbean	pahadibeans	Hilly temperate and intermediate		local varieties	Improved varieties and high production	high yield production	may to october	As vegetable	rich in iron and magnese	Suitable for all areas	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Tomato	Lycopersicum esculentum	Rotawanghun	cherry tomato, roma SS-1	Mid/temperate hills		Local varieties	Improved varieties and high production	NA	July- September	as vegetable and jam	Rich in vitamin C and Lycopene	NA	Seed being traditionally cultivated and focussed locally	Local/ Aged farmers of rural communities possess TK

Format-2	: Fruit Plants											
1	2	3	4	5	6		7	8	9	10	11	12
				Landscape	Local Status		Source of Seeds	Season of	Associated		Other Details	Community
Plant	Scientific Name	Local Name	Variety	/Habitat	Past	Present	/ Plants	fruiting	ТК	Uses	markt / own use	/Knowledge Holder
Apple	Malus domestica, borkh	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct		Fruit, Economy Generation	Marketing, Own use	department of horticulture
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep		Fruit, Economy Generation	Marketing, Own use	department of horticulture
Peach	Prunus persica (L) batsch	Aaroo	July Elberta, Quetta	Mid Hills	Rare	Rare	Nurseries	June-July		Fruit	Marketing, Own use	department of horticulture
Apricot	Prunus armeniaca	Khubani, Sadi	Local apricot, Bebco	Mid Hills	Plenty	Plenty	Nurseries	June-July		Fruit	Own Use	department of horticulture
Walnut	Juglans regia	Akhrot	Paper/Thin Shhelled, Hard & Medium Shelled	Temperate Hills	Plenty	Plenty	Nurseries& Locally raised	Sept-Oct		Dry-fruit, Economy generation	Marketing, Own use	department of horticulture
Plum	Prunus salicinia	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Mid Hills	Rare	Rare	Nurseries& Locally raised	July-Aug		Fruit	Own use	department of horticulture
Pecannut	Carya illinoenis	Pecan	Western shell	Mid/temperate hills	Rare	Nurseries		Sept-Oct		Dry Fruit	Marketing, Own use	department of horticulture
Plum	Prunus salicinia	Aaloo Bukhara	Santa rosa, Allo Bukhara	Mid Hills	Rare	Nurseries, locally raised		July-august		Fruit	Own use	department of horticulture
Persimmon	Dios spyrus	Amlook	Local	Mid/temperate hills	Rare	Locally raised		July-august		Fruit	Marketing, Own use	department of horticulture
Quince	Cydonia oblonga	Bhai	Local	Mid/temperate hills	Rare	Rare	locally raised	July-September		Fruit, Seed	own use, Marketing	department of horticulture

Pomegranate	Punica granatum	anaar	anaar	Mid/temperate hills	average	average	locally raised	July-September		Fruit	own use, Marketing	department of horticulture
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Format 3:-Fod	der Crops / Speci	ies									
1	2	3	4		5	6	7	8	9	10	
			Landscape	Loc	cal Status	Source of Seeds /				Community	
Plant	Scientific Name	Local Name	/Habitat	Past	Present	Plants	Associated TK	Part Used	Other Details	/Knowledge Holder	
Oats	Avena sativa	Ghaas	Temperate/ Intermediate	Local varieties	Improved varieties	Self	Stored in locally made indigenious structure called "Tye"	Crop	NA	NA	
Berseem (Egyptian Clover)	Trifolium alexandrinum	Gjaas	Irrigated areas	NA	Improved varieties	Self	NA	Crop	NA	NA	
Dub grasses	Cynodon dactylon	Dub grasses	Temperate/ Intermediate	local varities	local varities	self	NA	Whole	use as a fodder	local farmers of rural community	
Loonder grass	Themeda anathera	ghass	Temperate/ Intermediate	local varities	local varities	self	NA	Whole	used in broom making and use as a fodder	local farmers of rural community	
Milkweed	Euphorbia thymifolia	Dudli	Temperate/ Intermediate	local varieties	local varities	self	NA	crop	containing milky fluid like substance	local farmers of rural community	
sorghum	Sorghum bicolor	charri	Temperate/ Intermediate	local varities	local varities	self	NA	crop		local farmers of rural community	
crowfoot grass	Dactyloctenium australe	Beran	Temperate/ Intermediate	local varities	Improved varieties	self	NA	Crop	containg lots of fibre	local farmers of rural community	
jhonson grass	Sorghum halepense	Bray	Temperate/ Intermediate	local varities	Improved varieties	self	NA	crop	associated with maize crop	local farmers of rural community	
lambs quarters	Chemoporium album	kunah	Temperate/ Intermediate	local varities	Improved varieties	self	NA	crop	associated with maize crop	local farmers of rural community	

Format-4	: Weeds											
1	2	3	4	5	6		7	8	9	10	11	12
				_		Loc	al Status		Management		Other Details	Community /Knowledge Holder
Plant	Scientific Name	Local Name	Affected Crop	Impact	Landscape /Habitat	Past	Present	Uses if any	Options	Associated TK	like exotic	
Ipomoea	Ipomea spc.	Zeharbael	Maize	Destroys the plant	Temperate and Intermediate	No weed management`	Scientific based weed management	Nil	Proper and timely removal	Nil	NA	NA
Ipomoea	Ipomeaaqatica	Ghaas	paddy	Destroys the plant	Temperate and Intermediate	No weed management`	Scientific based weed management	Nil	Proper and timely removal	Nil	NA	NA
Celosia	Celosia Argentina	Neeli	Paddy	Destroys the plant	Temperate and Intermediate	No weed management`	Scientific based weed management	Nil	Proper and timely removal	Nil	NA	NA
Mash	Cyprus esceluntus	Ghass	-		Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	-	-	-	-	No TK associated with either knowledge or management of Ipomea weed
Shrub	Urtica dioica	soi	Local/wild	Affect crop yield	Temperate and Intermediate	Average	average	Whole	mechanical and chemical	competes with main crop	NA	local farmers of rural community
Dub grass	Cynodon dactylon	Dramun	vegetables	Affect crop yield	Temperate and Intermediate	Average	Weed management on scientific lines being followed by the farmers	nil	using weedicide	competes with main crop	NA	local farmers
Johnson grass	Sorghum halepense	Bray	Maize	Affect crop yield	Temperate/ Intermediate	average	Weed management on scientific lines being followed by the farmers	nil	hand picking	competes with main crop		local farmers of rural community
Milk weed	Euphorbia thymifolia	Dudli	maize	Affect crop yield	Temperate/ Intermediate	Average	Weed management on scientific lines being followed by the farmers	nil	using weedicide or hand picking	competes with main crop	NA	local farmers of rural community
bang	cannabis indica	bang	kharief crops	Affect crop yield	agricultural land and wasteland	average	average	nil	mechanical and chemical	competes with main crop	NA	local farmers of rural community

1	2	3	4	5	6	7	8	9	10
Host	Insect /Animals	Scientific Name	Local Name	Habitat	Time / Season of Attack	Management mechanism	Associated TK	Other Details	Community /Knowledge Holder
	Leaf folder	Cnaphalocracis	Patta Modak	Paddy fields	Tillering stage/ monsoon	Dragging rope across the field, light traps, spraying chloropryfos, cypermethrin or cartap hydrochloride to kill the larvae	Clipping of upper portion of seedlings	NA	NA
Paddy	Stem Borer	Scirpophaga incertulas	Tanna shedak	Paddy fields	July to September	Soil solarisation in May or June. Cartap hydrochloride 4G @1.25kg/Kanal or carbofuran 3G @1Kg/Kanal`	NA	ETL 5% dead heart	NA
	Aphids	Sitobin avenae	Tella	Polyphagous	Feb-April	Proper spray of insecticides	NA	NA	NA
	Pink stem borer	Sesamia inferns	Ludi	Polyphagous/ debris	Nov-feb	Field sanitisation and continuous removal and destruction of infected plants	NA	NA	NA
Wheat	Termites	Odontotermis	Sink	Polyphagous/ sandy and loamy soils	Kharif	Field sanitisation and continuous removal and destruction of infected plants	NA	NA	NA
	Stem borer	Chilo partellus	Ludi	Polyphagous	Kharif	Field sanitisation and continuous removal and destruction of infected plants	NA	NA	NA

Maize	Corn worm	Helicoverpa armigera	Sundi	Maize cobs	Kharif	Field sanitisation and continuous removal and destruction of infected plants. Installing pheromone traps @ 6-10/acre	NA	NA	NA
vegetables	leaf borer	spodoptera exigua	pediye	attack on leaves	Kharif	Proper spray of insecticides	Reduces crop yiield	NA	local farmers of rural community
Bottleguard	fruitfly	Dacus cucurbitee	stem rot	pulp of the fruits	july to october	Dusting with some repellents	causes fungal and bacterial infection	NA	local farmers of rural community
Rajma	watery soft rot	Sclerotinia sclerotiorum	Dhoru	stem, leaves and pods	july to october		Reduces crop yiield	NA	local farmers of rural community
Potato	white grab	Holotrichia species		root and tubers	march= nov	drench the soil with chloropyriphas	Reduces crop yiield	NA	local farmers of rural community
Maize	Armyworm	Spodoptera frugiperda	Tokka	upper part of maize	Kharif	Proper spray of insecticides	Reduces crop yiield	NA	local farmers of rural community
Tomato	fruit borrer	Helicoverpa zea	corn earworms	leaves ,shoots ,buds and flower	may -september	spray dimethoate	Reduces crop yiield	NA	local farmers of rural community
Tomato	fruit borrer	Helicoverpa zea	corn earworms	leaves ,shoots ,buds and flower	may -september	spray dimethoate	Reduces crop yiield	NA	local farmers of rural community

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

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

Format 7: P	eoplescape									
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

Format 8: La	Indscape	ę											
	1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Major	Landscape	s	Sub -	Features and			General		Management			Other	Community
Agricultural land	Pond	Fallow land	Landscapes	approx. area	Ownership	General flora	fauna	User groups	practices	General uses	Associated TK	details	accessed
Cultivated			Cultivated	Fertile land 56ha	Private	Plants, Herbs	Rodents, insects	Villagers	Crop Rotation, Terracing	Cultivation	Used for farming	Nil	Low income communities
Non-Cultivated Land		nd	Non-Irrigated Land	Less fertile 25ha	Govt. as well as private	Marshy, Swampy plants	Insects and Amphibians	Villagers	Crop Rotation, Terracing	Cultivation	Available for farming	Nil	Low income communities
For	Forest Land		Forest Land	Forests 65ha	Govt. Land	Deodar, Pine, Spruce etc.	Wild animals, Insects	Villagers	Afforestation, Closers	Firewood, timber, medicinal plants etc.		Nil	Every Community
Graz	Grazing Land		Non-Irrigated Land	Less/No forest cover 43ha	Mainly Govt. land	Wild plantation	Wild animals	Nomads & Locals		Grazing & Rearing		Nil	Nomads & Local Shepherds
Irrig	gated land		Irrigated land	Fertile land 16.2ha	Private land	Rice, Vegetables flowers etc.	Amphibians, Insects	Zamindars	Canals, Channels, Khuls, Distributories etc	Crop Cutivation		Nil	

Format-9:	Waterscap)e										
1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape	Sub-type	Features and Approx. area	Ownership	General flora	Genreal fauna	Major Uses	User group	Management practices	General uses	Assocaited TK	Other details	Community accessed
Canals	Khuls	Irrgational khuls	Govt./ Panchayat	Crop like fruits, vegetables and flowers	Frog, tadpole	Irrigation	Locals	De-silting, timely repairs	Irrigation	Na	Na	General public of Panchayat
Nallah	Nallah	From glacier or spring	Govt./ Panchayat	Crop like fruits, vegetables and flowers	Frog, tadpole	Irrigation, drinking water, daily use	Locals	Nallah-bunding, Check-dams etc	Irrigation	Na	Na	General public of Panchayat
River	Stream	Fresh water	Govt./ panchayat	Bryophytes, ferns	Amphibians, Snow trout	Drinking water, irrigation, daily use etc.	Locals	Check-Dams, Strengthening of river banks	Drinking, HH activities, irrigation	Na	Na	General public of Panchayat

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
Alluvial soil, Silt clay, Loam to clay	Dark brown to black (sand, slit and clay)	Fertile and rich in organic matter, high mineral contents	Needs regular balnced fertilizer, crop rotation and mulching etc.	Paddy, Maize, Walnut, Apple, Apricot, Plum	Deodar , Kail, Cynodon, Cow, Buffalo, sheep, goat, horse	Nil	Land is sloppy, loose and sliding

Format 1	1: Fruit Trees												
1	2	3	4	5	6		7	8	9	10	11	12	13
Plant	Scientific Name	Local Name	Variety	Habit	Landscape	Local	Status	Source of Seeds /	Season of	Associated TK	Uses	Other Details	Community
					/Habitat	Past	Present	Plants	fruiting			markt / own use	/Knowledge Holder
Apple	Malus domestica, borkh	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Tree, regular bearing	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct	Fruit, Economy Generation		Marketing, Own use	Department of horticulture
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep	Fruit, Economy Generation		Marketing, Own use	Department of horticulture
Peach	Prunus persica (L) batsch	Aaroo	July Elberta, Quetta	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries	June-July	Fruit		Marketing, Own use	Department of horticulture
Apricot	Prunus armeniaca	Khubani, Sadi	Local apricot, Bebco	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	June-July	Fruit		Own Use	Department of horticulture
Walnut	Juglans regia	Akhrot	Paper/Thin Shhelled, Hard & Medium Shelled	Tree, regular bearing	Temperate Hills	Plenty	Plenty	Nurseries& Locally raised	Sept-Oct	Dry-fruit, Economy generation		Marketing, Own use	Department of horticulture
Plum	Prunus salicinia	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries& Locally raised	July-Aug	Fruit		Own use	Department of horticulture
Fig	Ficus carica	Anjeer	local	Tree, regular bearing	Mid/temperate hills	Average	average	Nurseries	Aug-Oct	fruit		Marketing ,own use	Department of horticulture
		Tanchi	local	Tree, regular bearing	Mid/temperate hills	Average	average	Nurseries	July-august	fruit		Marketing ,own use	Department of horticulture
almond	Prunus amygdalus	badam	local	Tree, regular bearing	Mid Hills	Average	Rare	loacally raisedor depatment of agriculture	july to sept	dry fruit economy generation		Own use	Department of horticulture

1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Source of	Locatio	n Status	Uses (usage)	Part used	Associated TK	Other details	Community know
riant Type	Local Ivalle	Scientific Name	variety	Habitat	Plant/seeds	Past	Present	Uses (usage)	r art useu	Associated TK	market/own use	Holders
Tree	Anjeer	Ficus carica	Local	Temperate	Wild	Available	Available	To cure multiple uses	Whole tree	To cure multiple diseases	Fruit	Local people
Herb	Tamatar	Solanumlycopersicu m	Local	Temperate	Cultivated	available	Available	To reduce heart diseases, kidney stones and gall bladder stones	Fruit	Cure heart and stone diseases	Seeds	Local people
Herb	Dhaniya	Coriandrum sativum	local	Temperate	Cultivated	Available	Available	Used for loss of appetite, tooth aches	Seeds	Cure pain	both	Local people
Herb	Pudina	Mentha spicata	Local/wild	Temperate	Cultivated/natu rally grown	available	Available	To cure infection	Leaf	Cure infection	both	Local people
Herb	Pyaz	Allium cepa local	Temperate	Cultivated	available	Available	To cure cold and cough	Roots	To relive cough and cold	Extract	As such	Local people
Herb	Lahsun	Allium sativum	Local	Temperate	cultivated	Available	Available	To cure wounds	Whole plant	Used for wounds	Fruit	Local people
Herb	Green Chilly	capsicum annuum	Local	Temperate	cultivated	Available	Available	To improve immune system	entire	Improve eye site	marketing and own use	naturally / rural farme
Herb	pitpapda	Fumeria parviflora	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	treatment of fever, gastristis, diarrhea etc	whole plant	available	marketing and own use	naturally / rural farmers
Herb	Patreesh	Aconitum heterophyllum	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	used against diarrhoea , general weakness and fever	roots	available	marketing and own use	naturally / rural farmers
Herb	Ceski	Artemesia absinthium	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	remedy for indigestion, gastric pains, antiseptic etc	stem and leaves	available	marketing and own use	naturally / rural farmers
Herb	Bethri dhoop	Juniperus communis	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	curing asthama, against swellings, stimulant and diuretic	flower fruits	available	marketing and own use	naturally / rural farmers

Shrub	Kuth	Sassurea costus	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	dysentry,dental trouble, heart problems etc	leaves/ roots	available	marketing and own use	naturally / rural farmers
Herb	jungli straberry	Fragaria nubicola	wild	Temperate	naturally grown	available	average	Stomach disorders	fruit	available	marketing and own use	naturally / rural farmers
Herb	Haand dandelian	Taraxacum officinalis	wild	Temperate	seeds	rare	rare	treatment of skin ,indigestion, jaundice etc	Leaves	available	marketing and own use	naturally / rural farmers
Shrub	Datura	Datura stramonium	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	medicine	Seeds	available	marketing and own use	naturally / rural farmers
Shrub	Soi	Urtica dioica	Local/wild	Temperate	Cultivated/natu rally grown	Available	Average	Rehumitides	Leaves/ stem	available	marketing and own use	naturally / rural farmers
Herb	Bhang	Cannabis sativa	Local/wild	Temperate	naturally grown	Available	Available	treatment of pain , loss of appetite , insomania , depresssion etc	Leaves/ stem	available	marketing and own use	naturally / rural farmers
Herb	Kaudh	Picrorhiza kurroa	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	Pain reliever		available	marketing and own use	naturally / rural farmers
Herb	Kishmay	Berberis lycium	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	Jaundice		available	marketing and own use	naturally / rural farmers
Herb	Teevnd	Viburnum grandiflorum	wild	Temperate	naturally grown	plenty	average	cough and anticold	flowers /seeds	available	marketing and own use	naturally / rural farmers
Herb	Baryan	Acorus calamus	Local/wild	swapmy marshy areas	naturally grown	plenty	average	treatment of gouts	rhizome/ lowe part	available	marketing and own use	naturally / rural farmers
Herb	Neg chetri	Trillium govanianum	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	Anti inflammatory remedy ,	Whole plant	available	marketing and own use	naturally / rural farmers
Herb	Zakhm e hayat	Bergenia ciliata	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	Wound healing, vomiting ,fever, coughand pulmonary infections	leaves	available	marketing and own use	naturally / rural farmers

Herb	chooray	Angelica glauca	Local/wild	Temperate	Cultivated/natu rally grown	Available	Available	dysentry, stomach troubles, infantile atrophy,menorrhagia andrinderpest	stems	available	marketing and own use	naturally / rural farmers	
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Format 13: (Ornamental Pla	ants/ Trees/Climb	ers etc.						
1	2	3	4	5	6	7	8	9	10
Plant Type	Local name	Scientific name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder
Trees	Teevand	Viburnum grandiflorum	Forest	Temperate	Non commercial	use as anu inflammatory medicino	NA	NA	local people
Trees	Tilpushu	Digitalis purpurea	Forest	Temperate	Non commercial	used to treat edema	NA	NA	local people
Shurb	Rose	Rosa sancatun	near home garden/ wild	Temperate	Non commercial	Ornamental	NA	NA	Self observed
Shurb	Merigold	Tagetes erecta	near home garden/ wild	Temperate	Non commercial	Ornamental	_	NA	Self observed

Format 14	: Timber P	lants / Trees								
1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Loca	al status	Wild/ home- garden	Other uses	Associated TK	Other details	Community/ Know.
Tiant Type	Local Ivanic	Scientific Ivanie	Habitat	Past	Present	whu/ home- garden	(multi)	Associated TK	Other details	holder
Tree	Walnut	Juglans regia	Temperate	Least	Plenty	Wild , home	Furniture, tooth cleaner		unknown	Community/ Know. holder
Tree	Banj	Quercus incana	Temperate	Plenty	Plenty	Wild	Firewood		Unknown	horticulture and local
Tree	Apricot	Prunusar meniaca	Temperate	Least	Plenty	Wild, home	Furniture, firewood		Unknown	Department of horticulture and local <u>neople</u> Department of
Tree	Peach	Prunus persica	temperate	Least	Plenty	Wild, home	Firewood		Unknown	Department of horticulture and local neople
Tree	Keth	Pyru spashia	Temperate	Plenty	Least	Wild	Firewood		Unknown	Department of horticulture and local people
Tree	Drek	Melia azedarach	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Unknown	Department of horticulture and local people Department of
Tree	Moru oak	Quercus floribunda	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Strongest wood	horticulture and local
Tree	Fur	Abies pindrow	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Unknown	Department of horticulture and local neonle Department of
perinnial	Kail	Pinus wallichania	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Unknown	horticulture and local
perinnial	Tulkul	Morus nigra	Temperate	Plenty	Average	wild/ home- garden	todder for silk worm and Firewood	NA	Unknown	Department of horticulture and local people

perinnial	Devdar	Cedrus deodara	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Strongest wood	Department of horticulture and local people
Tree	Chinar	Plantanus orientalis	Temperate	Plenty	least	wild/ home- garden	Furniture, firewood	NA	Unknown	Department of horticulture and local neonle
Tree	Shisham	Dalbergia sissoo	Temperate	Plenty	Average	wild/ home- garden	Furniture, firewood	NA	Unknown	Department of horticulture and local people

Format 15	: Domesticated	Animals										
1	2	3	4	5	6	,	7	8	9	10	11	12
			Breed (local/		Method of	Local	Status			Commercial	Other details including	Community
Animal Type	Local Name	Scientific Name	hybrid)	Features	keeping	Past	Present	Uses	Associated TK	rearing	products and Services	Know.Holders
	Desi Gai	Bos indicus	ND	Small, Low milk produce	Free range/ semi intensive	Plenty	Number decreased	Females= Dairy Males= Draft	Nil	No	Milk, Butter, curd, Ghee etc	All
Cattle	Jersey Gai	Bos taurus	CB Jersey	Larger, More Milk Produce	Free range/ semi intensive	Few	Number increased	Dairy	Nil	No	Milk, Butter, curd, Ghee etc	All
	Shari/Durangi Gai	Bos taurus	CB HF	Black & white	Free range/ semi intensive	Few	Number increased	Dairy	Nil	No	Milk, Butter, curd, Ghee etc	All
Equine	Horse	Equus caballus	Local	Ht. < 9 hands	Backyard	Less No.	Very few	Pack Purpose	Nil	No	Pack	All
Equine	Mule		Local	Ht. < 9 hands	Backyard	Less No.	Inc. Pop.	Pack purpose	Nil	No	Load Carrying	All
	Desi murgi	Gallus domesticus	Local	Colored, Good meat	Backyard	Constant	Constant	Egg, meat	Nil	No	Egg, meat	All
Poultry	Farmi murgi	Gallus domesticus	Chabro Cross	Colored, more eggs	Backyard	Few	Increased	Egg, meat	Nil	No	Egg, meat	All
	Broiler	Gallus domesticus	Hybrid	White color	Deep litter	Few	Increased	Meat	Nil	Yes	Meat	All
Dog	Kutta	Canis familiaris	Local	-	Stray	Abundant	Abundant	Nil	Nil	No	No	Stray
Cat	Billi	Felis catus	Local	Grey colored	Pet	Abundant	Abundant	Nil	Nil	No	Nil	Nil
	Bhaed	Ovis aries	Local	Small size/ rough coat	Flock rearing	Plenty	Rare	Mutton, wool, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
Sheep	Bhaed	Ovis aries	Rambouillet cross	Large size/fine wool	Flock rearing	Rare	Plenty	Mutton, wool, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
	Bakri	Capra hircus	Local	Small /less weight	Flock rearing	Plenty	Rare	Mutton, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads

Goat	Bakri	Capra hircus	Kaghani (bakarwali)	Large size/ more weight	Flock rearing	Rare	Plenty	Mutton, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
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Format 16	: Culture Fis	heries										
1	2	3	4	5	6	7	,	8	9	10	11	12
Eich Tours	Local Name	Scientific Name	Variety	Features	Waterscape (Pond/Bheri/	Local	status	Uses	Associated	Commercial	Other details	Community Know.
Fish Type	Local Name	Scientific Name	variety	reatures	(Pond/Bherl/ Talao)	Past	Present	Uses	ТК	Rearing	Other details	Holders
Fresh Water Fish	Carp Fish	Cyprinuscarpio	European	Dorsal fin based long with 17-22 branched rays	Snow fed stream	Plenty	Abundant	Food	Nil	No	NA	Mehigirs & Deptt. Of fisheries
#NAME?	Desi Gad	Schizothorax	Indigenous	Elongated tube form with short snout barbles, lower lip folded	Snow fed stream	Plenty	Abundant	Food	Nil	No	N/a	Mehigirs & Deptt. of fisheries
Cold Water Fish	Trout	Rainbow trout	Indigenous	Body elongated with small scales and adipose fin	Snow fed stream, colder region	N/a	In govt. farms, Pvt. Ponds	Food	Nil	Yes	N/a	Mehigirs & Deptt. of fisheries

Format 17: Mar	kets / Fairs for	Domesticated Anima	als, Medici	nal 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

Format 18	: Trees, Shru	ıbs, Herbs, Tubers,	Grasses, C	limbers etc.							
1	2	3	4	5		6	7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local Past	status Present	Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
Tree	Deodar	Cedrus deodara	Tree	Temperate	dense	Least	Commercial, own use	Whole for different uses		Roofing, furniture etc	Gh Hassan
Tree	Kail	Pinus wallichiana	Tree	Temperate	dense	Least dense	Commercial, own use	Whole for different uses		Roofing, furniture etc	Khalid hussain
Tree	Chir	Pinus roxburughiis	Tree	Temperate	dense	Least dense	Commercial, own use	Whole for different uses		Roofing, furniture etc	Sant Ram
Plant	Bankakri	Podophyllum hexandrum	Plant	Temperate	Available	Available	Commercial, own use	Fruit		It has been found to be effective in controlling skin diseases and recently attracted attention for use in certain form of cancer	
Herb	Banafsha	Viola ordorata	Herb	Temperate	Available	Available	Commercial, own use	Flower		Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles	
Herb	pitpapda	Fumeria parviflora	Local/wild	Temperate	Available	Available	Commercial, own use	whole plant	treatment of fever, gastristis, diarrhea etc	Medicinal use	local farmers of rural community
Herb	Patreesh	Aconitum heterophyllum	Local/wild	Temperate	Available	Available	Commercial, own use	roots	diarrhoea, general weakness and	Medicinal use	local farmers of rural community
Herb	Ceski	Artemesia absinthium	Local/wild	Temperate	Available	Available	Commercial, own use	leaves/ stems	remedy for indigestion, gastric pains, antiseptic etc	Medicinal use	local farmers of rural community

Herb	Bethri dhoop	Juniperus communis	Local/wild	Temperate	Available	Available	Commercial, own use	flower fruits	curing asthama, against swellings, stimulant and	Medicinal use	local farmers of rural community
Shrub	Kuth	Sassurea costus	Local/wild	Temperate	Available	Available	Commercial, own use	leaves/ roots	dysentry,dental trouble, heart problems etc	Medicinal use	local farmers of rural community
Herb	jungli straberry	Fragaria nubicola	wild	Temperate	available	average	Commercial, own use	fruit	Stomach disorders	Medicinal use	local farmers of rural community
Herb	Haand dandelian	Taraxacum officinalis	wild	Temperate	rare	rare	Commercial, own use	Leaves	treatment of skin ,indigestion, jaundice etc	Medicinal use	local farmers of rural community
Herb	Zakhm e hayat	Bergenia ciliata	Local/wild	Temperate	Available	Available	Commercial, own use	leaves	Wound healing, vomiting ,fever, coughand pulmonary infections	Medicinal use	local farmers of rural community
Herb	chooray	Angelica glauca	Local/wild	Temperate	Available	Available	Commercial, own use	stems	dysentry, stomach troubles, infantile atrophy,menorrh agia andrinderpest	Medicinal use	local farmers of rural community

Format	19: Wild Plant Species of In	nportance			
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Status
1	Kulmech	Viburnum grandiflorum	Wild Plant	Wild animals feed upon the fruit of this plant like Beer etc	Plenty
2	Bhrami	Taxus baccata	Wild Plant	Medicinal Plant and used to cure cancer	Plenty
3	Akhroot	Juglans regia	Wild	Economically important as farmer fetches good price, socially important for different cuisines, improves good cholesterol	rare
4	Bhang	Cannabis sativa	Wild	Commercial extraction banned, given to animals to improve their health	average
5	Guchi Mashroom	Morchella esculenta	Wild	Dried and sold which fetches Rs.10000-15000 per Kg used in making pulao (cuisine), as aphrodisiac in medicine	rare
6	Kasrod	Diplazium	Wild	Used as vegetable, collected by locals and sold	average
7	Bathappad	Boletus edulis	wild	Used as vegetable, collected by locals and sold	Plenty
8	kulmosh	Viburnum cotinifolium	wild	fruits	average
9	cauliflower fungus/ kakho	Spariss crispa	wild	mushroom	average
10	Pendak	Crataegus songarica	wild	fruits	average
11	Faagu	Ficus palmata	wild/ local	fruits	average

12	Timru	Zanthoxylum armatum	wild	used as a flavouring agent , spice and medicinal use also	average
13	Chukru	Oxyria digyna	wild	Used as vegetable, collected by locals and sold	average
14	Fafra	Fagopyrum cymosum	wild	Used as vegetable, collected by locals and sold	Plenty
15	Shedi(bakar)	Sparrasis radiata	wild	Used as vegetable, collected by locals and sold	Plenty
16	kundi	Peziza violacea	wild	Used as vegetable, collected by locals and sold	average
17	Bankakri	Podophyllum hexandrum	wild	Used as vegetable, collected by locals and sold	average

Format 20: A	quatic Biodiver	sity								
1	2	3	4	5		6	7	8	9	10
I IN		X 7 • 4	E (H 1.4 4	Loc	al Status				Community knowledge
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	holder
Fish	Schizothorax	Natural	Small size	Water, Temperate	Available	available	Food.	Widely distributed	All time	Mehigirs & Deptt. of fisheries
Carp fish	Cyprinus carpio	European	Dorsal fin based long with 17-22 branched rays	Snow fed stream	Plenty	Abundant	Food.	Widely distributed	nil	Mehigirs & Deptt. of fisheries
Trout	Rainbow trout	Indigenous	Body elongated with small scales and adipose fin	Snow fed stream, colder region	NA	In govt. farms, Pvt. Ponds	Food	nil	Nil	Mehigirs & Deptt. of fisheries

Format	21: Wild Aquatic Plant	t Species of Importanc	ce		
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Trends
1	West himalyan alder	Alnus nitida	local	medicinal use of bark of this tree	abundant
2	Duckweed	Spirodela polyrhiza	local	use animals for feedingand also helps in bioremediation	abundant

1	2	2	4	5		6	7	0	0	10	11
	2	3	4	5	Loc	o al status	7	8	9	10	11
Plant(herb, shrub,tree)	Local Name	Scientific Name	Variety	Landscape/ habitat	Past	Present	Associated TK	uses	Part used	Other details market/own use	c.knowledge holde
Herb	Zakhm e Hayat	Bergenia ciliata	Forest, temperate	Available	Available	Commercial, own use	Root	Medicinal uses	Whole		
Herb	Nag Chattri	Trillium gonanianum	Forest, temperate	Available	Available	Commercial, own use	Root	Furniture, roofing	Furniture		
Plant	Bankakri	Podophyllum hexandrum	plant	Temperate	Available	Available	Available	It has been found to be effective in contolling skin diseases and recently attracted attention for use in certain form of cancer	Fruit	own use	local farmers of rural community
Herb	Banafsha	Viola spp.	Herb	Temperate	Available	Available	Available	Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles	Flower	own use /marketing	local farmers of rural community
Climber	Kins	Dioscorea deltoidea	Climber	Temperate	Available	Available	Available	The t yield Diosgenin, which is used to synthesize sex hormones and Corisone, Cortisone is extensively and used in the upatism and allergic	Tuber	own use	local farmers of rural community
Herb	pitpapda	Fumeria parviflora	Herb	Temperate	abundant	average	Available	treatment of fever, gastristis, diarrhea etc	whole plant	own use /marketing	local farmers of rural community
Herb	Patreesh	Aconitum heterophyllum	Herb	Temperate	abundant	average	Available	used against diarrhoea , general weakness and fever	roots	own use /marketing	local farmers of rural community
Herb	Ceski	Artemesia absinthium	Herb	Temperate	abundant	abundant	Available	remedy for indigestion, gastric pains, antiseptic etc		own use /marketing	local farmers of rural community
Herb	Bethri dhoop	Juniperus communis	Herb	Temperate	Available	Available	Available	curing asthama, against swellings, stimulant and diuretic	flower fruits	own use /marketing	local farmers of rural community
Herb	Kuth	Sassurea costus	Herb	Temperate	abundant	Available	Available	dysentry,dental trouble, heart problems etc	leaves/ roots	own use /marketing	local farmers of rural community

Herb	jungli straberry	Fragaria nubicola	Herb	Temperate	abundant	average	Available	Stomach disorders	fruit	own use /marketing	local farmers of rural community
											rural community

Format 23	3: Wild relative	es of Crops								
1.	2.	3.	4.		5.	6.	7.	8.	9.	10.
Local	Scientific	Associated crop	Landscape /	Loca	l Status	Uses	Part	Associated	Other details	Community / Know
Name	Name	Associated crop	Habitat	Past	Present	(usage)	Used	ТК	Other details	holder
Desiber	Ziziphus	Ber	Temperate	Available	Available	As fruit	Fruit	_	_	Farming Community of the area
Juniper	Juniperus communis	pinophyta	Temperate	Available	Available	As show	whole	Food plant of butterflies'	-	-

Format 24: O	rnamental Plants						
1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial/non- commercial uses	Associated Tk	Any other detail	Community knowledge holder
Rose	Rosa sancatun	Red rose	Low land	Commercial	Ornamental	Not Known	Self observed
Merigold	Tagetes erecta	local	Natural	both	ornamental	-	-
Bull bay	Magnolia grandiflora	Local	Natural	Both	Ornamental and medicinal		Self observed
Green spire	Euonymus japonicus	Local	land scape plant	non commercial	Ornamental		Self observed

Format 25: Fun	nigate / Chev	wing Plants									
1	2	3	4	5		6	7	8	9	10	11
Plant	Land	6. • / • (* -) N	¥7. • •	H.L.Y.A	Local	status	I La ca	Destand			Community
(herb,shrub,Tree)	Local Name	Scientific Name	Variety	Habitat	Past	Present	Uses	Part used	Ass.TK	Other details	knowledge holder
Herb	Pudina	Menthalongifolia	Herbaceous perennial	temperate regions /homegardens	plenty	plenty	herbal uses, beverages etc	leaves	used with vinegar remove dandruff	NA	local farmers
Herb	Baberbeol	Ocimum basicilum	Herbaceous perennial	temperate regions /homegardens	average	average	spice and cosmetic use	seeds	cosmetic use	NA	local farmers
Herb	saunf	Foeniculumvulga	Herbaceous perennial	temperate regions /homegardens	plenty	average	used as a spice and some other medicinal uses	saunf	cooking and chewing	NA	local farmers
Herb	Methi	Treionellafoenum graceum	Annual plant	temperate regions /homegardens	plenty	average	used in stomach troubles and anaemia	leaves and seeds	cooking	NA	local farmers
Herb	Baryan(sweet flag)	Acorus calamus	Herbaceous perennial	marshy areas	average	average	used to teat stomach ailments, gouts etc	rhizomes and leaves	treat digestive problems	NA	local farmers
Herb	Rohni	Allium sativium	perennial bulbous	temperate regions /homegardens	plenty	plenty	spice	cloves	used as a medicine to treat insect bites	NA	local farmers
Herb	Ajwain	Trachyspermu mammi	Forest	Temperate	Available	Available	Cooking	Seeds	treat digestive problems	NA	local farmers

Format 26: Ti	mber Plants						
1	2	3	4	5	6	7	8
Local Name	Scientific Name	Habitat	Local	Other uses, if any	Associated Tk	Any other detail	Community knowledge holder
Deodar	Cedrus deodara	Tree	Forest, Temperate	Dense	Less dense	Commercial, own use	Furniture, roofing
Fir	Abies pindrow	Tree	Forest, Temperate	Dense	Less dense	Commercial, own use	Furniture, roofing
Spruce	Picea smithiana	Tree	Forest, Temperate	Dense	Less dense	Commercial, own use	Furniture, roofing
Kail	Pinus wallichiana	Tree	Forest, Temperate	Dense	Less dense	Commercial, own use	Furniture, roofing
Chir	Pinus roxburghai	Tree	Forest, Temperate	Dense	Less dense	Commercial, own use	Furniture, roofing
Apricot	Prunusar meniaca	Terrestrial temperate	Forest, Temperate	Furniture, roofing	NA	Commercial, own use	local people
Peach	Prunus persica	Terrestrial temperate	Forest, Temperate	Furniture, roofing	NA	Commercial, own use	local people
Keth	Pyru spashia	Terrestrial temperate	Forest, Temperate	Furniture, roofing	NA	Commercial, own use	local people
Rubinkul	Robinia sp	Terrestrial temperate	Forest, Temperate	Furniture, roofing	NA	Commercial, own use	local people
Drek	Melia azedarach	Terrestrial temperate	Forest, Temperate	,firewood, furniture	NA	Commercial, own use	local people

Moru oak	Quercus floribunda	Terrestrial temperate	Forest, Temperate	furniture, roofing ,ploughing equipment etc	NA	Commercial, own use	local people
Kikar	Robinia pseudoacacia	Terrestrial temperate	Forest, Temperate	use for fodder ,firewood	NA	Commercial, own use	local people
Chinar	Plantanus orientalis	Terrestrial temperate	Forest, Temperate	Furniture, roofing	NA	Commercial, own use	Forestry
Shisham	Dalbergia sissoo	Terrestrial temperate	Forest, Temperate	Furniture, roofing	NA	Commercial, own use	Forestry
Teak	Tectona granis	Terrestrial temperate	Forest, Temperate	furniture, roofing etc	NA	Commercial, own use	Forestry
Tulkul	Morus nigra	Terrestrial temperate	Forest, Temperate	firewood, fodder for silkworm etc.	NA	Commercial, own use	Forestry
Chir	Pinus roxburghii	Dense	Least dense	Roofing, furniture etc		Whole for different uses	Forestry
Walnut	Juglans regia	Terrestrial temperate	Forest, Temperate	Furniture, tooth cleaner	NA	Commercial, own use	local people
Banj	Quercus incana	Terrestrial temperate	Forest, Temperate	Furniture, roofing	NA	Commercial, own use	Forestry

Format 27	' A: Coastal a	nd Marine Flor	a							
1.	2.	3.	4.		5.	6.	7.	8.	9.	10.
Dis 11 T	T I N	Colorador Norma	Habitad	Local	Status	Parts Collected	Commercial Uses	Other Harr		Community/ Knowledge
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Holder

Format 27	B: Coastal and	Marine Fauna								
1.	2.	3.	4.	5	5.	6.	7.	8.	9.	10.
Animal Tuna	Local Name	Scientific Name	Habitat	Local	Status	Parts collected	Commercial Uses	Other Uses	Associated TK	Community/ Knowledge
Animal Type	Local Maine	Scientific Ivanie	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated 1K	Holder

Format 28: V	Wild Animals	(Mammals, Birds, Re	ptiles, Amphib	ia, Insects, ot	hers)							
1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Decorintion	Season when	Local s	Local status		Ass. TK	Mode of	Other details	Community/
Animal Type	Local Name	Scientific Name	Habitat	Description	seen	Past	Present	uses if any	ASS. IK	hunting	Other details	Knowledge Holder
Mammals	Chitra	Panthra pardus	Forest	Endangered	Winter season	Least	More	-	-	Weapon	Endangered	-
Mammal	Bhalu	Ursus americanus	Forest	-	summer	Least	More	-	-	Weapon	-	-
Mammal	Fox	Vulpes vulpis	Forest	-	All season	More	More	-	-	Weapon	-	-
Mammal	Monkey	Macaque	Forest	-	All season	More	More			Weapon	-	-
Mammal	Roons	Musk deer	Forest	Endangered	All season	Least	Least	-	-	Weapon	Endangered	-
Birds	Neel	Monal phesant	forest	Endangered	All season	Least	Least	-	-	Weapon	Endangered	-
Birds	Gid	Gyps affricanus	Forest	critically. Endangered	All season	Least	Least	-	-	weapon	Critically .Endangered	-
Birds	Chakore	Pheasant	Forest	Endangered	All season	Least	Least	-	-	weapon	Endangered	-
Birds	kabutar	Columba livia	Forest	-	All season	More	More	-	-	weapon	-	-
Reptile	Saanf	Ptyas mucosa	Forest	-	Summer	More	More	-	-	stick	-	-
Reptile	Saanf	Lycodon mackinnoni	Forest	-	Summer	More	More	-	-	stick		
Lizards	chipkali	Hemidactylus brookii	Forest/Local	-	Summer	More	More	-	-	Stick		

Aquatic	Fish	Trout	Pond / Nalla	-	all	More	More	-	-	Hook n Net		
Bird	Khukhow	Clamato rjacabinu	Forest		Spring season	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Bird	DhikCharak	Picus cholorolophus	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Bird	Kova	Corvus smacrorhynchos	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Snake	Surf /sap	Serpentes	Forest /water		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Fishes	Machli	Himaliyan trout	Water		All time	Available	Available	No		Prohibited	Maintains forest ecosystem	Self-observed
Bird	Myna	Acridotheres tristis	Forest		all time	common	common	No		Prohibited	Maintains forest ecosystem	Self-observed
Insect	Tuller	Apis melifera	Temperate region	Dark brown colour body	Spring and summer	common	common	extraction of honey		NA	pollinating agent	Self-observed
Insect	Mohh	Aedes spp	Temperate region	white marking on their legs and body males are smaller	summer	common	common	Na		NA	body parasite of human and animals	Self-observed
Insect	spider	Araneus mitificus	Temperate region	and less colourful than	all time	common	common	Na		NA	NA	Self-observed
Insect	Bomsin	Pheretima posthuma	Temperate region	females individual are hermaphrodite with segmented bodies	during summers	common	common	Na		Na	known as farmers friends	Self-observed
Insect	Raeii	Tapinoma sessile	nests in open soil ,under stones etc	bodies small sized insects with varied body	during summers	common	common	NA		NA	Strongly attracted to sweet substances	Self-observed
Insect	Tcharr	Cimex lectularius	Temperate region	Adult cimex are light brown in colour ,flat oval	during summers	common	common	NA		na	nuisance pest	Self-observed

Amphibian	Meinn	Rana tigrina	semi acquatic	solitary and nocturnal in nature	during spring to autumn	common	common	NA		NA		Self-observed]
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	Format 29: Flor	a	URBAN BIODIVERSITY							
1.	2.	3.	4.	5.	6.	7.				
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)				

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

Format 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.)