People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Udrana A
Taluk: Bhaderwah
District: Doda
State: J&K UT
Geographical Area of the Panchayat Samiti: 161.3 Hac.
Population under the Panchayat Samiti: 3500
Male: 2000 Female: 1500
Habitat and Topography: Hilly and plain both
Climate (Rainfall, Temperature and weather patterns): Temperate with moderate rainfall
Land Use (Nine fold classification available with village records): agriculture and horticulture
Date, Month and Year of PBR Preparation: 11/12/2020
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM):-

Ai
Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated body; not less than one third to be women and not less than 18% belonging to SC/ST)
1)Name of the Chairperson: Mohd Ramzan Butt
Age: 70
Gender: Male
Address: Udrana
Area of specialization: Sarpanch
2) Name: Amina Begum
Age: 65
Gender: Female
Address: Udrana
Area of specialization:
3) Name:- Brama Devi
Age: 65
Gender: Female
Address: Udrana
Area of specialization:
4)Name: Shiv devi
Age: 60
Gender: Male
Address: Udrana A
Area of specialization:
5)Name: Atta Mohd
Age: 82
Gender: Male
Address: Udrana
Area of specialization:
6)Name- Mohd Ashraf sheikh
Age: 70
Gender: Male
Address: Udrana
Area of specialization:
7)Name: Parveen Kousar
Age: 39
Gender: female
Address: Udrana
Area of specialization: panchayat secretary

List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resolution of the village
1)Name: Mohd Ashraf Sheikh
Age: 70
Gender: Male
Address: Udrana
Area of specialization: Traditional health care
Location from which the person accesses biological material: Forest
Perception of the practitioner on the resource status: Satisfactory
Medicinal Use: Satisfactory for livestock and human
2) Name: Narayan Singh
Age: 61
Gender: Male
Address: Udrana
Area of specialization: Tradional Health Care
Location from which the person accesses biological material: Udrana
Perception of the practitioner on the resource status: Satisfactory
Medicinal Use: Satisfactory for human
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: Nagesh Kotwal
Age: 55
Gender: Male
Address: Udrana
Area of specialization: farming
5) Name of the Chairperson: Sajid Rashid
Age: 44
Gender: Male
Address: Udrana
Area of specialization: Agriculture
3)Name of the Chairperson: Shaid Hussain
Age: 45
Gender: Male
Address: Udrana
Area of specialization: Agriculture
4)Name of the Chairperson: Muzamil Sheikh
Age: 35
Gender: Male
Address: Udrana
Area of specialization: Fisheries

Details of schools, colleges, departments, universities, governmen preparation of the PBR	t institutions, non-governmental organization and individuals i
1) Contact Person: 9906072344	
Name and Address: Mohd Sharief	
2) Contact Person: 8082023742	
Name and Address: Majid butt	
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							

Part II PBR – Formats AGROBIODIVERSITY

Format 1: Crop Plants

1	2	3	4	5	6	7	7	8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape	Approx	Local	Status	Special features	Cropping	Uses	Associated TK	Other Details	Source of Seeds /	Community /Knowledge Holder
Стор	Scientific Filmic		, unice,	/Habitat	Area Sown	Past	Present	Special reactions	Season		11000011111	outer Deutilo	Plants	
Maize	Zea mays	Kookri	Plandri, Rashi4794, Bio- 9621, Bio-9220	Hilly temperate and intermediate		Local	Improved varieties	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
Wheat	Triticum aestivum	Kanak, gandham	HS-240, VL-804, HS-507	Hilly, temperate and intermediate		Local varieties	Improved varieties	Late maturity	Rabi	Food item, used as flour, feed to cattle, poultry etc.	NA	NA	HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK
Brown Mustard	Brassica juncea	Sarsoon	Local, KS-101, KOS-1	Temperate and intermediate		Local varieties and low production	Improved varieties and high production	Crop severely affected by the snowfall during the month of dec- feb	Rabi	Green leaves used as vegetables and seeds used for extracting oil used in cooking and for other relevant purposes		NA	Farm saved seed, from peer groups of farmers, from deptt. Of agriculture and other relevant sources	Cultivation and management practices among the farming communities across the district.
Rice	Oryza sativa	Dhan	Desi chawal	Temperate and intermediate		average production	improved varieties and average production		Kharief	Staple food	Energy rich	NA	HH kept seed, Deptt. Of agriculture, private seed dealers	Farmers of the area
Tomato	Lycopersicum esculentum	Ruwangum	cherry tomato, roma SS-1	temperate and intermediate		average production	average production	more sour in taste	kharief	rich in vitamin c and lycopene	suitable for plain areas		Seed being traditionally cultivated, 'department of agriculture	Local/ Aged farmers of rural communities possess TK
Kale	Brassica oleracea	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
Bottle gouard	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 tuberosum	Aalu	Pahadi aalu	Hilly temperate and intermediate	Plenty	plenty	high yield prodcution	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
French beans	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

Format-2 : Fruit Plants

1	2	3	4	5	6	6	7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape /Habitat	Local Statu		Source of Seeds / Plants	Season of fruiting	Associated TK	Uses	Other Details markt / own use	Community /Knowledge
				/Habitat	Past	Present	Fidits	Truiting	110		markt/ own use	Holder
Apple	Malus domestica	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct		Fruit, Economy Generation		department of horticulture
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep		Fruit, Economy Generation		department of horticulture
Peach	Prunus persica	Aaroo	July Elberta, Quetta	Mid Hills	Rare	Rare	Nurseries	June-July		Fruit		department of horticulture
Apricot	Prunus armeniaca	Khubani, Sadi	Local apricot, Bebco	Mid Hills	Plenty	Plenty	Nurseries	June-July		Fruit		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		department of horticulture
Plum	Prunus salicina	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Mid Hills	Rare	Rare	Nurseries& Locally raised	July-Aug		Fruit		department of horticulture
Pecannut	Carya illinoinensis	Pecan	Western shell	Mid/temperate hills	Rare	Rare	Nurseries	Sept-Oct		Dry Fruit	Marketing	department of horticulture
Plum	Prunus salicina	Aaloo Bukhara	Santa rosa, Allo Bukhara	Mid Hills	Rare	Rare	Nurseries, locally raised	July-august		Fruit	Maketing, own use	department of horticulture
Persimmon	Diospyros	Amlook	Local	Mid/temperate hills	Rare	Rare	Locally raised	July-august		Fruit	Marketing	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
Grapes	Vitis vinifera	Dasch	local	Mid/ temperate	Average	Average	locally raised,govt nurseries	July to september		Fruit	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

Format 3:-Fodder	Crops /	Species
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1	2	3	4	4	5	6	6 7		9	10	
	G t de N		Landscape	Local Status		Source of Seeds /		B (V)	04 8 4 7	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"and rich fodder for diary animals	Steam and leaves	NA	NA	
Berseem (Egyptian Clover)	Trifolium alexandrium	Gjaas	Irrigated areas	NA	Improved varieties	Self	NA	Crop	NA	NA	
Sorghum	Sorghum bicolor	charri	Temperate/ Intermediate	local varities	local varities	self	NA	crop		local farmers of rural community	
Jhonson grass	Sorghum halepense	Bray	Temperate/ Intermediate	local varities	Improved varieties	self	NA	crop	ciated with maize	local farmers of rural community	
lambs quarters	Chemoporium album	kunah /bathua	Temperate/ Intermediate	local varities	Improved varieties	self	NA	crop	ciated with maize	local farmers of rural community	
Loonder grass	Themeda anathera	ghass	Temperate/ Intermediate	local varities	local varities	self	NA	Whole	om making and use	local farmers of rural community	

Format-4	: Weeds											
1	2	3	4	5	6	7		8	9	10	11	12
DI			Afficial Con	T	Landscape		Local Status	I I ' C	Management	A I TIV	Other Details	Community
Plant	Scientific Name	Local Name	Affected Crop	Impact	/Habitat	Past	Present	Uses if any	Options	Associated TK	like exotic	/Knowledge Holder
Ipomoea	Ipomea sp.	Zeharbael	Maize	Destroys the plant	Temperate and Intermediate	No weed management`	Scientific based weed management	Nil	Proper and timely removal	competes with main crop	NA	NA
Ipomoea	Ipomea aquatica	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 esculentus	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
water clover	Marsilia quadrifolia	Ham, Aaw	Paddy	Affect crop yield	Temperate and Intermediate	plenty	Weed management on scientific lines being followed by the farmers	nil	weedicide Butachlore	competes with main crop	NA	local farmers
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

Format-5: 1	Pests	of	Crops
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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	Sitoboin avenae	Tella	Polyphagous	Feb-April	Proper spray of insecticides	NA	NA	NA
	Pink stem borer	Sesamia inferens	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
Tomato	fruit borrer	Helicoverpa zea	corn earworms	leaves ,shoots ,buds and flower	may -september	spray dimethoate	Reduces crop yield	NA	local farmers of rural community
vegetables	leaf borer	Spodoptera exigua	pediye	attack on leaves	Kharif	Proper spray of insecticides	Reduces crop yield	NA	local farmers of rural community

Bottleguard	fruitfly	Dacus cucurbitae	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

Format 6: M	arkets for Domesticated	l 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
Udrana	Anually	sheep , goat,		Loacally and outside valley	different areas of the villages			

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

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / Tribe	Social condition	Nature of inhabitants	No. of HHs
SC=150	Agriculture and horticulture									
ST= 60	Agriculture and horticulture									

Format 8: La	andscap	e											
	1		2	3	4	5	6	7	8	9	10	11	12
Major	Landscape	es	Sub -	Features and approx. area			General		Management			Other	Community accessed
Agricultural land	Pond	Fallow land	Landscapes		Ownership	General flora	fauna	User groups	practices	General uses	Associated TK	details	
Cultivated			Cultivated	Fertile land	Private	Plants, Herbs	Rodents, insects	Villagers	Crop Rotation, Terracing	Cultivation	Used for farming	Nil	Low income communities
Non-Cu	Non-Cultivated Land		Non-Irrigated Land	Less fertile	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	Govt. Land	Deodar, Pine, Spruce etc.	Wild animals, Insects	Villagers	Afforestation, Closers	Firewood, timber, medicinal plants etc.	NA	Nil	Every Community
Graz	Grazing Land		Non-Cultivated	Lush green	Govt. Land	Plants, Herbs	Rodents, insects	Villagers	Nil	Animal grazing	NA	Nil	Every Community

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
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
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

Format-10: Soil Type	2						
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

					For	nat 11: F	ruit Trees	5					
1	2	3	4	5	6	5	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 /Knowledge
Flant	Scientific Name	Local Name	variety	Habit	/Habitat	Past	Present	Plants	fruiting	Associated TK	USES	markt / own use	Holder
Apple	Malus domestica	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	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
Almond	Prunus amygdalus	badam	local	Tree, regular bearing	Mid Hills	Average	Rare	loacally raisedor depatment of agriculture	july to sept	dry fruit economy generation		Marketing, 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		Own use	Department of horticulture

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

1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Source of	Locatio	n Status	Heer (weege)	Dout wood	Associated TK	Other details	Community know
Plant Type	Local Name	Scientific Name	variety	Habitat	Plant/seeds	Past	Present	Uses (usage)	Part used	Associated 1 K	market/own use	Holders
Tree	Anjeer	Ficus carica	Local	Temperate	Wild	Available	Available	To cure multiple uses	Whole tree	To cure multiple diseases	both	Local people
Herb	Tamatar	Solanum lyopersicum	Local	Temperate	Cultivated	available	Available	To reduce heart diseases, kidney stones and gall bladder stones	Fruit	Cure heart and stone diseases	Fruit	Local people
Herb	Dhaniya	Coriandrum sativum	local	Temperate	Cultivated	Available	Available	Used for loss of appetite, tooth aches	Seeds	Cure pain	Seeds	Local people
Herb	Pudina	Mentha spicata	Local/wild	Temperate	Cultivated/ naturally 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	both	Local people
Herb	Lahsun	Allium sativum	Local	Temperate	cultivated	Available	Available	To cure wounds	Whole plant	Used for wounds	As such	Local people
Herb	Green Chilly	Capsicum annuum	Local	Temperate	cultivated	Available	Available	To improve immune system	entire	Improve eye site	Fruit	naturally / rural farmers
Herb	chooray	Angelica glauca	Local/wild	Temperate	Cultivated/ naturally grown	Available	Available	dysentry, stomach troubles , infantile atrophy,menorrhagia andrinderpest	stems	available	marketing and own use	naturally / rural farmers
Herb	Patreesh	Aconitum heterophyllum	Local/wild	Temperate	Cultivated/ naturally grown	Available	Available	used against diarrhoea , general weakness and fever	roots	available	marketing and own use	naturally / rural farmers
Herb	Ceski	Artemissia absinthium	Local/wild	Temperate	Cultivated/ naturally 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/ naturally 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/ naturally grown	Available	Available	dysentry,dental trouble, heart problems etc	leaves/ roots	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	naturally / rural farmers
herb	Malzudi	Ainsiaea apterea	wild	Temperate	naturally grown	plenty	average	used to treat stomach ache and urinary disease	stem leaves	available	marketing and own use	naturally / rural farmers
Herb	Dramun	Cynodon dactylon	Local/wild	Temperate	Cultivated/ naturally grown	Available	Available	used for cough	Stem/ leaves	available	marketing and own use	naturally / rural farmers
Shrub	Datura	Datura stramonium	Local/wild	Temperate	Cultivated/ naturally grown	Available	Available	medicine	Seeds	available	marketing and own use	naturally / rural farmers
Shrub	Soi	Urtica dioica	Local/wild	Temperate	Cultivated/ naturally 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

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local name	Scientific name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder
.shurb	Teevand	Viburnum grandiflorum	Forest	Temperate	Non commercial	use as anti inflammatory medicine	NA	NA	local people
.shurb	Tilpushu	Digitalis purpurea	Forest	Temperate	Non commercial	used to treat edema	NA	NA	local people
Shurb	Rose	Rosa sanctum	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 Plants / Trees

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local	status	Wild/ home-	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
Fiant Type	Local Name	Scientific (Value	Havitat	Past	Present	garden	Other uses (mutu)	Associated 11x	Other details	Community/ Know. noider
Tree	Walnut	Juglans regia	Temperate	Least	Plenty	Wild, home	Furniture, tooth cleaner		unknown	Department of horticulture and local people
Tree	Banj	Quercus incana	Temperate	Plenty	Plenty	Wild	Firewood		Unknown	Department of horticulture and local people
Tree	Apricot	Prunusar meniaca	Temperate	Least	Plenty	Wild, home	Furniture, firewood		Unknown	Department of horticulture and local people
Tree	Peach	Prunus persica	temperate	Least	Plenty	Wild, home	Firewood		Unknown	Department of horticulture and local people
Tree	Keth	Pyrus pashia	Temperate	Plenty	Least	Wild	Firewood		Unknown	Department of horticulture and local people
Tree	Rubinkul	Robinia sp	Temperate	Plenty	least	vild/ home- garde	Furniture, firewood	NA	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
Tree	Moru oak	Quercus floribunda	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Strongest wood	Department of horticulture and local people
Tree	Fur	Abies pindrow	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Unknown	Department of horticulture and local people
perinnial	Kail	Pinus wallichania	Temperate	Plenty	Average	wild	Furniture, firewood	NA	Unknown	Department of horticulture and local people
perinnial	Tulkul	Morus nigra	Temperate	Plenty	Average	vild/ home- garde	fodder for silk worm and Firewood	NA	Unknown	Department of horticulture and local people
perinnial	Kikar	Robinia pseudoacacia	Temperate	Plenty	Average	wild	fodder for animals and 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	СВ НҒ	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
	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
Yak	Yak	Bos grunniens	lLocal	Large size/ more weight	Free Range & Stall Feeding	Avewrage	Decreased	used for ploughing and threshing	nil	nil	agricultural purposes	Locals, nomads

Format 16: Culture Fisheries

1	2	3	4	5	6		7	8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape Local status (Pond/Bheri/		status	Uses	Associated	Commercial	Other details	Community Know.
rish Type	Local Name	Scientific Name	variety	reatures	Talao)	Past	Present	Uses	TK	Rearing	Other details	Holders
Fresh Water Fish	Carp Fish	Cyprinus carpio	European	Dorsal fin based long with 17-22 branched rays	Snow fed stream	Plenty	Abundant	Food	Nil	No	n/a	Mehigirs & Deptt. Of fisheries
Cold Water	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	Rainbow Trout	Oncorhynchus mykiss	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	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				

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
					Past	Present	own use				Holder
Tree	Deodar	Cedrus deodara	Tree	Forest , temperate	Dense	Less dense	Commercial, own use	Whole plant	Furniture, roofing	Furniture	local farmers of rural community
Tree	Kail	Pinus wallichiana	Tree	Forest , temperate	Dense	Less dense	Commercial, own use	Whole plant	Furniture, roofing	Furniture	local farmers of rural community
Herbs	Datura	Datura stramonium	Herb	Forest , temperate	dense	dense	Commercial, own use	seeds	Medicinal use	Medicinal	local farmers of rural community
Grasses	Ghass	Rhodo dendron	Grass	Forest	dense	dense	own use	Whole	Medicinal use	Medicinal use	local farmers of rural community
Tree	Tulkul	Morus alba	tree	forest temperate	dense	dense	own use	Fruit	used for rearing silkworm and berries are edible	medicinal uses	local community
Tree	doondkul	Juglans regina	tree	forests	dense	rare	own use	fruit		medicinal uses	local community
Tree	Rubinkul	Robinia sp	Temperate	Temperate	Plenty	least	Furniture, firewood	Whole plant	Firewoood	Furniture	local farmers of rural community
Tree	Drek	Melia azedarach	Temperate	Temperate	Plenty	Average	Furniture, firewood	Whole plant	furniture, firewood	Furniture	local farmers of rural community
Tree	Moru oak	Quercus floribunda	Temperate	Temperate	Plenty	Average	Commercial, own use	Whole plant	Strongest wood	Furniture	local farmers of rural community

Tree	Fur	Abies pindrow	Temperate	Temperate	Plenty	Average	Furniture, firewood	Whole plant	Furniture, roofing	Furniture	local farmers of rural community
perinnial	Kikar	Robinia pseudoacacia	Temperate	Temperate	Plenty	Average	, own use	Whole plant	Firewoood	fodder for animals and firewood	local farmers of rural community
Herb	Patreesh	Aconitum heterophyllum	Local/wild	Temperate	Available	Available	Commercial, own use	roots	used against diarrhoea , general weakness and fever	Medicinal use	local farmers of rural community
Herb	Ceski	Artemissia 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 diuretic	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
Shrub	Soi	Urtica dioica	Local/wild	Temperate	Available	Average	Commercial, own use	Leaves/ stem	Rehumitides	Medicinal use	local farmers of rural community
Herb	Bhang	Cannabis sativa	Local/wild	Temperate	Available	Available	Commercial, own use	Leaves/ stem	treatment of pain , loss of appetite , insomania , depresssion etc	Medicinal use	local farmers of rural community
Herb	Teevnd	Viburnum grandiflorum	Herb	Temperate/ Intermediate	Available	Available	Commercial, own use	flowers /seeds	cough and anticold	Medicinal use	local farmers of rural community

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Status
1	Akhroot	Juglans regia	wild	Economically important as farmer fetches good price, socially important for different cuisines, improves good cholesterol	Plenty
2	Bhang	Cannabis sativa	wild	Commercial extraction banned, given to animals to improve their health	Plenty
6	kundi	Peziza violacea	wild	Used as vegetable, collected by locals and sold	average
7	Bankakri	Podophyllum hexandrum	wild	Used as vegetable, collected by locals and sold	average
8	Bhang	Cannabis sativa	wild	medicinal use	average
9	Bathappad	Boletus edulis	wild	Used as vegetable, collected by locals and sold	average
10	kulmosh	Viburnum cotinifolium	wild	fruits	Plenty
11	cauliflower fungus/ kakho	Sparassis crispa	wild	mushroom	average
12	Pendak	Crataegus songarica	wild	fruits	average
13	Faagu	Ficus palmata	wild/ local	fruits	average
14	Timru	Zanthoxylum armatum	wild	used as a flavouring agent , spice and medicinal use also	average
15	Chukru	Oxyria digyna	wild	Used as vegetable, collected by locals and sold	average
16	Fafra	Fagopyrum cymosum	wild	Used as vegetable, collected by locals and sold	average
17	shedi(bakar)	Sparrasis radiata	wild	Used as vegetable, collected by locals and sold	Plenty
18	Bhrami	Taxus baccata	Wild Plant	Medicinal Plant and used to cure cancer	Plenty

2	3	4	5	(5	7	8	9	10
		_		Local	Status				Community knowledge
Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	holder
Schizotorax	Natural	Small size	Water, temperate	Available	Available	Food. Medicine	Widely distributed	All time	Mehigirs & Deptt. of fisheries
	Scientific Name Schizotorax				Scientific Name Variety Features Habitat Past	Past Present	Scientific Name Variety Features Habitat Past Present Uses Schienten Variety Features Habitat Past Present Food.	Scientific Name Variety Features Habitat Past Present Uses Associated TK	Scientific Name Variety Features Habitat Past Present Uses Associated TK Other details

Format 2	21: Wild Aquatic Plan	t Species of Importan	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

Format 22: Wild Plants of Medicinal Importance

					1			1		1	
1	2	3	4	5	(6	7	8	9	10	11
Plant(herb,	Local Name	Scientific Name	Variato	Landscape/	Local	status	Associated TK		Dout wood	Other details	c.knowledge holder
shrub,tree)	Local Name	Scientific Name	Variety	habitat	Past	Present	Associated 1K	uses	Part used	market/own use	c.knowledge nolder
Herb	Dramun	Cynodon dactylon	Herb	Temperate	abundant	abundant	Available	used for cough	Stem/ leaves	own use /marketing	local farmers of rural community
Herb	Datura	Datura stramonium	Herb	Temperate	Available	Available	Available	medicine	Seeds	own use /marketing	local farmers of rural community
Herb	Soi	Urtica dioica	Herb	Temperate	abundant	Average	Available	Rehumitides	Leaves/ stem	own use /marketing	local farmers of rural community
Herb	Kaudh	Picrorhiza kurroa	Herb	Temperate	Available	Available	Available	Pain reliever		own use /marketing	local farmers of rural community
Herb	Kishmay	Berberies lycium	Herb	Temperate	Available	Available	Available	used to tereat Jaundice		own use /marketing	local farmers of rural community
Herb	Teevnd	Viburnum grandiflorum	Herb	Temperate	plenty	average	Available	cough and anticold	flowers /seeds	own use /marketing	local farmers of rural community
herb	Malzudi	Ainsiaea apterea	wild	Temperate	naturally grown	plenty	average	used to treat stomach ache and urinary disease	stem leaves	own use /marketing	local farmers of rural community
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 rheumatism and allergic conditions. Propagation of the species is though rhizome.	Tuber	own use	local farmers of rural community

Format 23: Wild relatives of Crops

1	2	3	4		5	6	7	8	9	10
Local	Scientific	Associated crop	Landscape /	Local	Status	Uses	Part	Associated	Other details	Community / Know
Name	Name	Associated crop	Habitat	Past	Present	(usage)	Used	TK	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
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
Rose	Rosa sanctum	Red rose	Low land	Commercial	Ornamental	Not Known	Self observed
Merigold	Tagetes erecta	Local	Natural	Both	Ornamental	-	Self observed

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6	6		8	9	10	11
Plant (herb,shrub,	Local Name	Scientific Name	Variety	Habitat	Local	status	Uses	Part used	Ass.TK	Other details	Community knowledge
Tree)			, 22303		Past	Present					holder
Herb	Baberbeol	Ocimum basicilum	Herbaceous perennial	temperate regions /homegardens	average	average	spice and cosmetic use	seeds	cosmetic use	NA	local farmers
Herb	saunf	Foeniculum vulgare	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	Trigonella foenum- graecum	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

Format 26: Timber 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	Forestry
Fir	Abies pindrow	Tree	Forest, Temperate	Dense	Less dense	Commercial, own use	Forestry
Spruce	Picea smithiana	Tree	Forest, Temperate	Dense	Less dense	Commercial, own use	Forestry
Kail	Pinus wallichiana	Tree	Forest, Temperate	Dense	Less dense	Commercial, own use	Forestry
Banj	Quercus incana	Terrestrial temperate	Forest, Temperate	Furniture, roofing	NA	Commercial, own use	local people
Apricot	Prunus armeniaca	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	Pyrus pashia	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	Forestry
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	Forestry
Kikar	Robinia pseudoacacia	Terrestrial temperate	Forest, Temperate	use for fodder ,firewood	NA	Commercial, own use	Forestry
Chinar	Platanus 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	local people
Walnut	Juglans regia	Terrestrial temperate	Forest, Temperate	Furniture, tooth cleaner	NA	Commercial, own use	Forestry

Format 27	Format 27 A: Coastal and Marine Flora											
1	2	3	4		5	6	7	8	9	10		
Plant Type	Local Name	Scientific Name	Habitat	Local	Status	Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/		
Plant Type	Local Name	Scientific Name	riavitat	Past	Present	(if any)	(if any)	Other Oses	Associated TK	Knowledge Holder		

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

Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)

1	2	3	4	5	6		7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when	Local	status	uses if any	Ass. TK	Mode of	Other details	Community/ Knowledge
Ammai Type	Local Name	Scientific Name	riabitat	Description	seen	Past	Present	uses if any	A55. 1K	hunting	Other details	Holder
Mammals	Chitra	Panthera pardus	Forest	endangered	Winter season	Least	More	-	-	Weapon	endangered	-
Mammal	Bhalu	Ursus americanus	Forest	-	summer	Least	More	-	-	Weapon	-	-
Mammal	Fox	Vulpes vulpes	Forest	-	All season	More	More	-	-	Weapon	-	-
Mammal	Monkey	Cercopithecidae	Forest	-	All season	More	More			Weapon	-	-
Mammal	Roons	Lophophorus	Forest	endangered	All season	Least	Least	-	-	Weapon	endangered	-
Birds	Neel	Gyps africanus	forest	Endangered	All season	Least	Least	-	-	Weapon	Endangered	-
Birds	Gid	Pheasant	Forest	Critically Endangered	All season	Least	Least	-	-	Weapon	Critically Endangered	-
Birds	Chakore	Columba livia	Forest	Endangered	All season	Least	Least	-	-	Weapon	Endangered	-
Birds	kabutar	Ptyas mucosa	Forest	-	All season	More	More	-	-	Weapon	-	-
Reptile	Saanf	Lycodon mackinnoni	Forest	-	summer	More	More	-	-	Stick	-	-
Reptile	Saanf	Hemidactylus brookii	Forest	-	Summer	More	More	-	-	Stick	-	
Lizards	chipkali	Oncorhynchus mykiss	Forest/Local	-	Summer	More	More	-	-	Stick	-	
Aquatic	Fish	Gyps himalayensis	Pond / Nalla	-	all	More	More	-	-	Hook n Net	-	
Insects	spider	Clamator jacobinus	Local/ Forest	-	All	More	More	-	-	-	-	-
Insects	Ant	Picus chlorolophus	Local/ Forest	-	All	More	More	-	-	-	-	

Bird	Kova	Corvus macrorhynchos	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	Raiamas guttatus	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 mellifera	Temperate region	Dark brown colour body	Spring and summer	common	common	extraction of honey	NA	pollinating agent	Self-observed
Insect	Mohh	Aedes sp.	Temperate region	white marking on their legs and body	summer	common	common	Na	NA	body parasite of human and animals	Self-observed
Insect	spider	Araneus mitificus	Temperate region	males are smaller and less colourful than females	all time	common	common	Na	NA	NA	Self-observed
Insect	Bomsin	Pheretima posthuma	Temperate region	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	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	Hoplobatrachus tigerinus	semi acquatic	solitary and nocturnal in nature	during spring to autumn	common	common	extraction of honey	NA	pollinating agent	Self-observed

	URBAN BIODIVERSITY											
	Format 29: Flora											
1	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	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 othe	Format 31: Any other information of local importance									
1	2	3								
Sr. No.	Information of local importance	Remarks								

End of Part II