People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Nandna
Taluk: Thathri
District: Doda
State: J&K UT
Geographical Area of the Panchayat Samiti:
Population under the Panchayat Samiti: 1780
Male: Female:
Habitat and Topography: Mountainous
Climate (Rainfall, Temperature and weather patterns):
Land Use (Nine fold classification available with village records):
Date, Month and Year of PBR Preparation: 10-03-2021

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

Annexure 1 Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to be women and not less than 18% belonging to SC/ST) 1) Name of the Chairperson: Mohd Rafi S/o Ab.Kabir **Age:** 32 Gender: Male Address: Bhandoga Drabor Area of specialization: 2) Name: Anju Devi W/o Ved Kumar Age: 30 Gender: Female Address: Nandna Area of specialization: Agri 3) Name: Ranju Devi W/o Pawan Kumar Age: 24 Gender: Female Address: Cheerna Area of specialization: Agri 4) Name: Nek Chand S/o Dhani Ram **Age:** 55 Gender: Male Address: Butt Mohalla Area of specialization: Agri 5) Name: Iftikhar Ahmed S/o Gh Rasool Age: 49 Gender: Male

Address: Chira	
Area of specialization: Agri	
6) Name: Ab.Rehman S/o Ab.Aziz	
Age: 54	
Gender: Male	
Address: Bhandoga	
Area of specialization: Politics	
7) Name: Usman Shafi S/o Mohd Shafi	
Age: 33	
Gender: Male	
Address: Phagsoo	
Area of specialization: Agri.	

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:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
2) Name: Shabaz Alli S/o Ab. Ghaffar
Age: 60 years
Gender: Male
Address: Nandna
Area of specialization: Bonse specialist
Location from which the person accesses biological material: Agricultural Land
Perception of the practitioner on the resource status:
Medicinal Use: Apricot, Oil
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: Mohd. Rafi
Age: 34 years
Gender: Male
Address: Nandna
Area of specialization: Agriculture
2) Name: Ranju Devi
Age: 28 years
Gender: Nandna
Address: Female
Area of specialization: Agriculture
3)Name: Nek Chand
Age: 60 years
Gender: Male
Address: Nandna
Area of specialization: Agriculture
4)Name: Usman Shafi
Age: 35 years
Gender: Male
Address: Phagsoo
Area of specialization: Agriculture

Annexure 4

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

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

End of Part I

Format 1: (Part II PBR – Formats AGROBIODIVERSITY rmat 1: Crop Plants																							
1	2	3	4	5	6		7		7		7		7		7		7		9	10	11	12	13	14
Сгор	Scientific Name	Local Name	Variety	Landscape	Approx	Loca	l Status	Special features	Cropping	Uses	Associated TK	Other Details	Source of Seeds /	Community /Knowledge										
-				/Habitat	Area Sown	Past	Present	-	Season				Plants	Holder										
Rajmash	Phaseolus vulgaris	Rajmaa	Vaspa, Local Varieties,	Temperate	4500 Ha	Local varieties	Improved Varieties	Sown majorily as an intercrop/ Mixed crop with maize	Kharif	Green beans used as vegetables, pods used as vegetables and grains used as pulse	Local varieties of Rajmash. Every village has its own local strain. Bhaderwahi rajmash has distinct aroma on cooking	-	Seed saved from the previous year's crop	Farmers of Entire Bhaderwah region Calls for protection as Geographical Indication										
Radish	Raphanussativus	Mooli	Local turnip shaped radish	Temperate conditions	280 Ha	Local Turnip Shaped Kansargermpla sm	-	-	2-3 crops Round the year	Eaten raw, used as vegetable and pickle making	Traditional variety and cultivation practices	Round shaped, white colured	Seed being traditionally cultivated and produced locally	Farmers of Kansa Village of Bhaderwah (Doda J&K										
Knolkhol	Brassica oleracia var. Gongylodes	Kaddam	Local, Purple Vienna	Temperate and intermediate	450 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	3-4 crops throughout the year	As vegetable and in pickle making	Traditional seed production technique of local varieties	Large sized knot of local varieties which does not produce foreseen after maturity	For local varieties, seed produced through indigenously adopted methods, moreover, for other varieties source is generally private dealers and department	Tk holders for seed production are farmers across the district especially from Bhaderwah, Chinta and Kelad areas.										
Okra	Abelmoschus Esculentus	Bhindi	Pusa Swani, Barsha Uphar, Arka Anamika	Temperate and intermediate	140 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	-	-	Department & Local	Local farmining communities										

Cucumber	Cucumiss-Sativus	Khera local	Japanese Long Green, Khera Local, Malini, Puma	Temperate and intermediate	80 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	-	-	Department & Local	Local farmining communities
Cabbage	Boleracea, Var. Capitata	Bundgobhi	Navkaranti, Sumit,	Temperate and intermediate	120 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	-	-	Department & Local	Local farmining communities
Onion	Allium Cepa	Payaz	Pusa Red, N-53	Temperate and intermediate	236 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	-	-	Department & Local	Local farmining communities
Tomato	Lycopersican Esculentum	Tamatar	Pusa Rubi, Rupali, Menakshi, Alpine, Manisha +	Temperate and intermediate	180 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	-	-	Department & Local	Local farmining communities
Chilli	Capsicum Annum L.	Mirch	Pusa Kranti, Jalwa, Anmol	Temperate and intermediate	90 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	-	-	Department & Local	Local farmining communities

Potato	Solanum Tuberosuml	Aloo	Local Variety	Temperate and intermediate	125 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	-	-	Department & Local	Local farmining communities
Capsicum	Capsicumannum	Shimla Mirch	Local Variety	Temperate and intermediate	50 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	-	-	Department & Local	Local farmining communities
Cabbage	Boleracea, Var. Capitata	Bundgobhi	Navkaranti, Sumit,	Temperate and intermediate	120 Ha	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	Traditional cultivation practices	Green coloured	Department & Local	Local farmining communities

	Format-2 : Fruit Plants																											
1	2	3	4	5		6		6		6		6		6		6		6		6		6 7		8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape	Local	Status	Source of	Season of	Associated TK	Uses	Other Details markt / own	Community /Knowledge																
				/Habitat	Past	Present	Seeds / Plants	fruiting			use	Holder																
Citrus fruits	Citrus Spp.	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	Tree, regular bearing	Plains, mid hills	Plenty	Plenty	Nurseries	through out year	Fruit,Pickling, Squashes etc.		Maketing , own use																
Apple	Malus x domestica Borkh.	Sabe	Red Delcious, Golden Delocious, Maharaji, American etc.	Tree, regular bearing	Temperate hills	Rare	Plenty	Nurseries	Aug- Oct.	fruit, value addition		Maketing , own use																
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept	fruit		own use																
Peach	Prunus persica(L.) Batsch.	Aaroo	July Elberta, Quetta	Tree, regular bearing	Mid hill	Rare	Rare	Nurseries	June-july	fruit		Maketing , own use																
Apricot	Prunus armeniaca	Khubani, Sadi	local apricot, Bebco	Tree, regular bearing	Mid hills	Plenty	Plenty	Nurseries	June-july	fruit		own use																
Walnut	Juglans regia	Akrote	Paper shelled, Thin shelled, hard shelled medium shelled	Tree, regular bearing	Temperate hills	Plenty	Plenty	Nurseries, locally raised	sept-oct	dry fruit		Maketing , own use																
Strawberry	Fragara x ananassa duch.	Strawberry	chandler	Runner, annual	plain mid hills	Rare	Rare	Nurseries.	March-April	fruit		Marketing																

Pecannut	Carya illinoenis	Pecan	western shell	Tree, regular bearing	Mid/ temperate hills	Rare	Rare	Nurseries	Sept-Oct	Dry Fruit	Marketing
Plum	Prunus salicinia	Aaloo Bukhara	santa rosa, Allo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries, locally raised	July-august	fruit	Maketing , own use
Persimmon	Dios spyrus	Amlook	Local	Tree, regular bearing	Mid/ temperate hills	Rare	Rare	locally raised	July-august	fruit	Marketing
Quince	Cydonia oblonga	bhai	local	Tree, regular bearing	Mid/ temperate hills	Rare	Rare	locally raised	July-September	fruit, seed	own use, Marketing
Pomegranate	Punica granatum	Anar, Druni	Ganesh, Kandhari, Local	Tree, shrub, regular bearing	Plains, mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August	fruit, anardana	own use
	Citrus aurantifolia	Nimboo		Tree	Mid hills	Rare			April-May	Fruit	own use
Tree	Citrus sinensis	Santra		Tree		Rare			May-June	Fruit	own use
	Prunus Dulcis	Almonds				Rare				Dry fruit	own use

	Format 3:-Fodder Crops / Species														
1	2	3	4	5	6		7	8	9	10	11	12	13	14	
Сгор	Scientific Name	Local name	Variety	Landscape/	Approx. Area		Local Status		Cropping Season	Uses	Associated TK	Other	Source of Seed/	Community/ Knowledge	
		Locui nume	vuriety	Habitat	Sown	Past	Present	Special Features	Season	0505		Details	Plants	Knowledge holder	
Oats	Avena sativa	Ghaas	Kent, Sabzar Sabzar-1	Temperate and intermediate	2350 Hac.	Local varieties	Improved Varieties	Survive under snow bound conditions	Rabi	Grains for seed purpose and also used as dry fodder	Stored in locally mode indigenous structure called tye-	-	Seed saved from previous year's crop, department of agriculture or private seed stores	-	
Berseem (Egyptian clover)	Trifolium alexandrinum	Ghaas	Miscavi	Irrigated areas	Minor 150 Hac.	-	Improved varieties	-	Rabi	Green fodder for cattle. Besides, fodder is also dried	-	-	Private seed dealers	-	
Maize	Zea mays	Makki					Available			Fodder crop					
Wheat	Triticum aestirum						Available			Fodder crop					
Lavan							Available			Fodder crop					

						Format-4 :	Weeds					
1	2	3	4	5	6		7	8	9	10	11	12
Diamé	Scientific Nome	L agal Nama	Affected Cross	Immost	Landscape	Lo	ocal Status	Uses if any	Management	Associated TV	Source of Seeds /	Community
Plant	Scientific Name	Local Name	Affected Crop	Impact	/Habitat	Past	Present	Uses if any	Options	Associated TK	Plants	/Knowledge Holder
Maize	Ipomea spp.	Zeharbael	7-8 species of ipomea weed affect the maize crop at different stages from sowing to maturity	Temperate and intermediate areas of	25000 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Fast growing weed, grows as vines and affects maize crop badly	Kharif (in maize crop)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Maize	Cyprus rotundus	dheloo	-	Temperate and intermediate areas of the District	22000 Ha	No weed management	Weed management on scientific lines being followed by the farmers	-	Kharif (in maize crop)	-	Through underground corms transferred through different sources	No TK associated with either knowledge or management of Ipomea weed
Maize	Brachiariamutica	Ghass	Para grass	Temperate and intermediate areas of the District	23000 Ha	No weed management	Weed management on scientific lines being followed by the farmers		Kharif (in maize crop)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Mash	Cyprus esceluntus	Ghass	-	Temperate and intermediate areas of the District	36000 Ha	No weed management	Weed management on scientific lines being followed by the farmers		Kharif (in mash and maize crops)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Paddy	Ipomeaaqatica			Temperate and intermediate areas of the District	1200 Ha	No weed management	Weed management on scientific lines being followed by the farmers		Kharif (Majorily paddy)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Paddy	Celosia argentina	Neeli	Cocks comb	Temperate and intermediate areas of the District	800 Ha	No weed management	Weed management on scientific lines being followed by the farmers		Kharif (Paddy)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed

All crops	SaolanumXanthocarpu m	Janglipatha	Wild eggplant	Temperate and intermediate areas of the District	1350 Ha	No weed management	Weed management on scientific lines being followed by the farmers	All seasons	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Paddy	Eichhorniacrassepes	Pannijadi	Water hyacinth	Temperate and intermediate areas of the District	1250 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Kharif (paddy)	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	Viciahirsua	-	Chingarisak	Temperate and intermediate areas of the District	14000 Ha	No weed management	Weed management on scientific lines being followed by the farmers	All seasons	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	Cardiospermumhalicac abum	-	Lataphatkari	Temperate and intermediate areas of the District	26000 Ha	No weed management	Weed management on scientific lines being followed by the farmers	All seasons	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	Rumexcrispus	Janglipalak		Temperate and intermediate areas of the District	17500 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Spring season	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	Setariaglauca	Shitta	Foxtail	Temperate and intermediate areas of the District	15600 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Kharif	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All fields	Partheniumhysperopho rus	Chittaka		Temperate and intermediate areas of the District	200 Ha	No weed management	Weed management on scientific lines being followed by the farmers	Kharif and rabi	-	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed

				F	ormat-5: Pests o	f Crops			
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
						Setting up light traps for adults @ 1/acre.			
						Installing pheromone traps @ 6- 10/acre			
						1. Spray NSKE 5% against eggs and first instar larvae.			
	Cut worm	Agrotis.spp	toka	Maize Field	Kharif	2. Spray crop with BT (<i>Bacillus</i> <i>thuringiensis</i>) @ 1 kg/ hactare or NPV) formulations @ 250 LE in 500 lt water for hactare .			
Vegetable Crop						3. Apply Chloropyriphos at 2.5ml per litre water or Chlorantraniliprole 18.5 SC 0.3 ml per liter water.			
					Feb to May	Field sanitation, clipping of infested leaves and destroying it completely. Grow trap crops, Conserve predators			

	Red Spider mites	Tetranychus urticae	Juan	Polyphagous	September to December	Spray Diafenthiuron 50 WP@ 1.25gm/lt water or Ethion 50% EC @ 1ml/ It water or Dicofol 18.5 EC @ 2 ml/lt water or wetable sulphur 80 % wp@3gm/lt water or Kelthane @1ml/lt water followed by NSKE @ 10 ml / lt water.		
	Fruit and shoot	Leucinodes ornonalis	Fal shedak	Polyphagous	February to may	Field sanitation, Clipping off of infested shoots, Trichogramma cards, Spray of		
	borer				Aug to November	shoots, Trichogramma cards, Spray of NPV,neem oil, Spray of chlorantraniliprole 18.5 SC		
						Collect and destroy the infested leaves with grubs and egg masses.		
						Regular hoeing of the soil beds.Spray neem oil @ 5ml/lt water.		
Vegetable Crop	Hadda Beetle	Henosepilachna vigintioctopunctata		Polyphagous	March- October	Spray cypermethrin 25 % EC @ 60-80 ml in 200 l of water/ acre or Quinalphos @ 20% AF @ 600-700 ml in 300-400 I of water or Deltamethrin 1% + Triazophos 35% EC @ 400-500 ml in 200 l of water/acre		
						Repeat the spray after 7 days interval alternate with neem oil after picking the fruits		
					February to may	Field sanitation, Trichogramma cards, Spray of NPV, neem oil,	Grow	

	Fruit Borer	Helicoverpa armigera	Fal shedak	Polyphagous	Aug to November	Use of Pheromone traps and install them atleast one foot above the canopy.	simultaneously 40 days old American tall marigold and 25 days old tomato seedling at 1:16 rows
						Spray crop with chlorantraniliprole 18.5 % SC @ 80 ml/ 200 -300 lit of water per Acre and neem oil @ 5ml lt water	as trap crop
						Conserve predators, Spray azadirachtin 5% W/W neem extract concentrate @ 80 ml in 160 l of water/acre .	
	Leaf hopper	Amrasca biguttula Ishida		Polyphagous	April -june	Spray acetamiprid 20% SP @ 30 g in 200-240 l of water/acre or imidacloprid 17.8% SL @ 40 ml in	
Vegetable Crop						200 l of water/acre or malathion 50% EC @ 400 ml in 200-400 l of water/acre or cyperamethrin 25 % @ 2ml/ lt water.	
					Feb to May	Field sanitation, clipping of infested leaves and destroying it completely. Grow trap crops, Conserve predators	
	Red Spider mites	Red Spider mites	juan	Polyphagous	September to December	Spray Diafenthiuron 50 WP@ 1.25gm/lt water or Ethion 50% EC @1ml/lt water or Dicofol 18.5 EC @ 2 ml/lt water or wetable sulphur 80 % wp@3gm/lt water or Kelthane @1ml/lt water followed by NSKE @ 10 ml / lt water.	

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

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

				Format 7:	: Peoplescape					
1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / Tribe	Social condition	Nature of inhabitants	No. of HHs
SC Community	Agriculture		Farm land	Traditional	Land lavelling	Cow dung as	Sc	Good	Local	40
Others	Agriculture		Agriculture land		Land lavelling	Cow dung as	Hindu	Good	Local	423
							Muslim	Good	Local	50

						Forma	t 8: Landsca	pe					
	1		2	3	4	5	6	7	8	9	10	11	12
	r Landsca	pes	Sub -	Features and approx.	Ownership	General flora	General fauna	User groups	Management	General uses	Associated TK	Other details	Community
Agricultural land	Pond	Fallow land	Landscapes	area	Ĩ			5 1	practices				accessed
Agri	cultural la	nd		Fertile land and of high productivity	Local inhabitants	Wheet Maize & other crops			Use of manure, fertlizers etc				Locals inhabitants
						Loan							

					Form	at-9: Watersco	ape					
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
Nallah	Khul		Panchayat/Govt.	Flowers, vegetables	Frog, Tadpole	Irrigation, Drinking water	Locals	Nallah Bunding Check Dams	Irrigation			General public of panchayat

			Format-10:- Soil Type			
1	2	3	4	5	6	7
Soil Type	Colour and Texture	Features	Soil Management	Plan and Crops suitable	Flora and auna	Other information
Alluvial Soil, Silt Clay Loam to Clay	Dark brown to black (Sand silt clay)	Fertileri chinorganic matter, high mineral contents	Needs regular balanced fertilizer croprotation & mulching etc.	Paddy	Walnut, Apple, Apricot, Plum Cow, Buffalo, Sheep, Goats, Horse	Land is Slopy, Loose
Black & Red soil	Dark brown to black (Sand silt clay)	Fertileri chinorganic matter, high mineral contents	Needs regular balanced fertilizer croprotation & mulching etc.	Paddy	Walnut, Apple, Apricot, Plum Cow, Buffalo, Sheep, Goats, Horse	Land is Slopy, Loose

					Form	at 11: Fri	uit Trees						
1	2	3	4	5	6		7	8	9	10	11	12	13
	6 ·	T IN	W. C.	TT 1 '	Landscape	Local	Status	Source of	Season of	T.	Associated	Other Details	Community
Plant	Scientific Name	Local Name	Variety	Habit	/Habitat	Past	Present	Seeds / Plants	fruiting	Usage	ТК	markt / own use	/Knowledge Holder
Citrus fruits	Citrus Spp.	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	Tree, regular bearing	Plains, mid hills	Plenty	Plenty	Nurseries	Through out year	Fruit,Pickling, Squashes etc.		Maketing, own use	
Apple	Malusx domestica Borkh.	Sabe	Red Delcious, Golden Delocious, Maharaji, American etc.	Tree, regular bearing	Temperate hills	Rare	Plenty	Nurseries	Aug- Oct.	fruit, value addition		Maketing, own use	
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept	Fruit		own use	
Peach	Prunus persica(L.) Batsch.	Aaroo	July Elberta, Quetta	Tree, regular bearing	Mid hill	Rare	Rare	Nurseries	June-July	Fruit		Maketing, own use	
Apricot	Prunus armeniaca	Khubani, Sadi	local apricot, Bebco	Tree, regular bearing	Mid hills	Plenty	Plenty	Nurseries	June-July	Fruit		own use	
Walnut	Juglans regia	Akrote	Paper shelled, Thin shelled, hard shelled medium shelled	Tree, regular bearing	Temperate hills	Plenty	Plenty	Nurseries, locally raised	Sept-Oct	Dry Fruit		Maketing , own use	

Strawberry	Fragara x ananassa Duch.	Strawberry	chandler	Runner, annual	Plain mid hills	Rare	Rare	Nurseries.	March-April	Fruit	Marketing	
Pecannut	Carya illinoenis	Pecan	western shell	Tree, regular bearing	Mid/ temperate hills	Rare	Rare	Nurseries	Sept-Oct	Dry Fruit	Marketing	
Plum	Prunus salicinia	Aaloo Bukhara	santa rosa, Allo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries, locally raised	July-August	Fruit	Maketing , own use	
Persimmon	Dios spyrus	Amlook	Local	Tree, regular bearing	Mid/ temperate hills	Rare	Rare	locally raised	July-August	Fruit	Marketing	
Olive	Olea europea	Khao, jaiton	Local, Carotina	Tree, regular bearing	Mid/ temperate hills	Rare	Rare	Govt. Nurseries	August- October	Fruit	Marketing	
Quince	Cydonia oblonga	bhai	local	Tree, regular bearing	Mid/ temperate hills	Rare	Rare	Locally raised	July- September	Fruit, Seed	Own use, Marketing	
Pomegranate	Punica granatum	Anar, Druni	Ganesh, Kandhari, Local	Tree, shrub, regular bearing	Plains, mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August	Fruit, Anardana	Own use	
Orange	Citrus X sinensis	Santra			Mid hills	Rare	Rare		May-Jun	Fruit	Own use	
Almonds	Prunus Dulcis											

				Form	at 12: Medici	nal Plants	(Herbs, Sl	nrubs, Trees e	tc.)			
1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Source of	Locatio	on Status	Uses (usage)	Part used	Associated TK	Other details	Community know
			Varicty	Habitat	Plant/seeds	Past	Present	Usuge)	T urt uscu		market/own use	Holders
Herb	Pyaz	Allium cepa	Local	Temperate	cultivated	Available	Available	To cure cough and cold	Root	Used for cough and cold	Extract	Self-observation
Herb	Lahsun	Allium sativum	Local	Temperate	cultivated	Available	Available	To cure wounds	Whole plant	Used for wounds	As such	Self-observation
Herb	Pudina	Menthe spicata	Local/wild	Temperate	cultivated	Available	Available	To cure infections	Leaf	Used for infection	Medicated acupressure	Self-observation
Herb	Tamatar	Solarium lycopersium	Local	Temperate	cultivated	Available	Available	To cure heart and kidney diseases	Fruit	Heart and kidney diseases	Fruit	Self-observation
Shrub (evergreen)	Kimbal	Berberis lycium	Local	Temperate- usually grow on hot dry slopes	Natural /cultivated	Available	Available	Medicinal use and used as fodder for goats and rabbits	Whole including roots	Roots have the potential to cure jaundice .Besides, a yellow dye is obtained from roots.	Both	Self-observation
Tree	Pear (Nashpati)	Pyrus communis	Local	Home-garden	graftings	Available	Available	Fruits are eddible	Fruit	-	Both	Self-observation
Tree	Appricot (Khubani)	Prunus armeniaca	Local	Home garden	graftings	Available	Available	Fruits are eddible	Fruit	Leaves are used as fodder	Both	Self-observation
Tree	Peach (Aadu)	Prunus persica	Local	Home garden	seed sowings	Available	Available	Fruits are edible, oil is extracted from seeds	Fruit and seeds	Leaves are used as fodder	Both	Self-observation
Climbers	Cuccumber (Khira)	Curumis sativus	Local	Home garden	Seed sowings	Available	Available	Fruits are eddible	Fruits	-	Both	Self-observation
Herb	Maize (Makki)	Zea mays	Local	Home garden	Seed sowings	Available	Available	Grains	Grains	Plant is used as fodder for animals	Both	Self-observation

Herb	Wheat	Triticum aestivum	Local	Cultivated lands	Seed sowings	Available	Available	Dry seeds or unripe fruit is eddible	Grains	Plant is used as fodder for animals	Both	Self-observation
Herb	Rajmash(Common Bean and French Bean)	Phaseolus vulgaris	Local	Cultivated lands	Seed sowings	Available	Available	Grains	Grains	Rajmash pulse is very famous in the region	Both	Self-observation
Grass	Rice (Dhan)	Oryza sativa	Local	Cultivated lands	Seed sowings	Available	Available	Grains	Grains are edible, dry portion is used as fodder for cow ,buffallows etc.		Both	Self observation
Grass	Jo	Hordium vulgare	Local	Cultivated lands	Seed sowings	Available	Available	Grains	Grains are edible, dry portion is used as fodder for cow ,buffallows etc.	Source of fermenable material for beer and certain distilled bevereages. Besides, component of various health foods.	Both	Self observation
Shrub -deciduous	Anar (Dadu)	Punica granatum	Local	Temperate- usually grow on hot dry slopes	Natural /cultivated	Available	Available	Medicinal use and used as ornamental plant and shrubs in parks and gardens.	Fruit seeds	Contain health benefits.	Both	Self-observation

			Format 1	3: Ornamenta	l Plants/ Trees/O	Climbers etc.			
1	2	3	4	5	6	7	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
Ornamental Tree	Tree of heaven	Ailanthus excels	-	On degraded lands	Do	Stop soil erosion	Wood for musical instruments	-	Forest official/ floriculturists
Ornamental Tree	Fig	Ficus carica	-	Fellow land	Do	Ornamental	Used in traditional medicine	Foliage for milch animals	Horticulturist/ Forest officials/ floriculturists.
Ornamental Tree	Ornamental peach	Prunus persica	-	Do	Do	Do	Leaves are diuretic	-	Do
Ornamental Tree	Ornamental cherry	Prunus serrulata	-	Do	Do	Do	Cherry blossoms are pickled in salt	-	Do
Ornamental Tree	Golden thuja	Thuja occidentalis	-	Forest /nurseries	Non- commercial	Ornamental/ landscaping	Respiratory infections	Foliage value	Floriculturist /forest officials
Ornamental Tree	Bottle brush	Calistemom lanciolatus	-	Gardens /lawns	Do	Do	Different parts in diarrhea	Flowers in june	Do
Ornamental Tree	Golden privet	Ligustrum vulgare	-	Do	Do	Do	-	-	Do
Ornamental Tree	Weigela	Weigela florida	-	Do	Do	Do	-	-	Do
Ornamental Tree	Oleander	Nerium indica	-	Do	Do	Do	-	-	Do

Ornamental Tree	Rose HT	Rosa spp.	-	Do	Do	Do	Rose petals used as anti-septic etc.	-	Do
Ornamental Tree	Rose creeper	Rosa spp.	-	Do	Do	Do	-	-	Do
Pot Plants	Geranium	Pelargonium zonale	-	Private buildings	Do	-	-	-	Do
Pot Plants	Geranium	Pelargonium sp.	-	Nursery	Non-commercial	-	-	Flowers beautiful	Do
Pot Plants	Sedum	Sedum spectabile	-	Do	Do	-	-	-	Do
Pot Plants	Rose creeper	Rosa sps.	-	Do	Do	-	-	-	Do
Pot Plants	Pot marigold	Callendulla officinalis	-	Do	Do	-	Thrives in poorest soils etc	-	Do
Pot Plants	China aster	Callistephus chinensis	-	Do	Do	-	Mass planting in summers		Do
Pot Plants	Forest daisy	Chrysanthemu morifolium	-	Do	Do	-	Good flowers	-	Do
Pot Plants	Oak	Quercus sp	-	Forests	Do	Do	Anti –microbial and anti-inflammatory	Foliage	Common people
Pot Plants	English ivy	Hedera helix	-	Do	Do	-	-	-	Do
Pot Plants	Fox glove	Digitalis purpurea	-	Forests	Do	-	Used to treat congestive heart failure	Summer flowering	Do

Herbs seasonal	Snap dragon	Antirrhinum majus	-	Do	Do	-	Excellent mass affect of spring flowers	-	Do
Pot Plants	Geranium	Pelargonium sp.	-	Nursery	Non-commercial	-	-	Flowers beautiful	Do
Pot Plants	Sedum	Sedum spectabile	-	Do	Do	-	-	-	Do
Pot Plants	Dracaena	Dracaena reflexa	-	Do	Do	-	-	-	Do
Pot Plants	Asiatic lily	Lilium asiatica	-	Do	Do	-	-	Flowers may-june	Do
Creeper	Periwinkle	Catheranthus sp	-	Gardens/lawns	Do	-	-	-	Do
Creeper	Rose creeper	Rosa sps.	-	Do	Do	-	-	-	Do
Creeper	English ivy	Hedera helix	-	Do	Do	-	-	-	Do
Creeper	Pot marigold	Callendulla officinalis	-	Do	Do	-	Thrives in poorest soils etc	-	Do
Creeper	China aster	Callistephus chinensis	-	Do	Do	-	Mass planting in summers		Do
Creeper	Gazania	Gazania splendus	-	Lawns	Do	-	-	Whole year flowers	Do
Creeper	Petunia	Petunia sps.	-	Do	Do	-	-	Summer flowering	Do
Creeper	Zinnia	Zinnia elegans	-	Lawns	Do	-	-	Summer flowering	Do

Creeper	Fox glove	Digitalis purpurea	-	Forests	Do	-	Used to treat congestive heart failure	Summer flowering	Do
Ornamental plants	Flower cypress	Tamarix parviflora	-	Fellow land	Non- commercial	Ornamental	-	Deciduous flowers in April	Do
Ornamental Shrub	Hydrangea	Hydrangea macrophylla		Nurseries	Non commercial	Ornamental/	Used for Urinary Tract infections.	Flowers in June- July	Floriculturists/ Nurserymen/Gardeners
Bushes/ Shrubs	Snow ball	Viburnum roseum							
Ornamental tree	Spirea	Spirea vanhotti	-	Gardens /lawns	Non- commercial	Ornamental/ landscaping	Different parts in diarrhea	Flowers in june	Floriculturist /forest officials
Ornamental tree	Oak	Quercus sp							
Ornamental tree	Silk Tree	Albizia julibrissum							
Ornamental tree	Tulip Magnolla	Magnolia liliflora							
Ornamental tree	Weeping willow	Salix babylonica							
	Chinar	Platanus orientalis							
	Kov								
	Draink	Melia azedarach							

				Format 1	4: Timber F	Plants / Trees				
1	2	3	4		5		7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Loca	l status	Wild/ home-	Other uses (multi)	Associated TK	Other details	Community/ Know.
	Local Name	Scientific Name	Παυιται	Past	Present	garden	Other uses (multi)	Associated TK		holder
Tree	Banj	Quercus encana	Temperate	Dense	Least dense	Wild	Fire wood	-	Firewood	Self observation
Tree	Kharsoo	Quercus semiserratta	Temperate	Dense	Least dense	Wild	Fire wood	-	Firewood	Self observation
Tree	Akhroot	Juglans regia	Temperate	Available	Available	Garden ,wild	Furniture ,tooth cleanser	-	Furniture	Self observation
Tree	Keth	Pyrus pasha	Temperate	Available	Available	wild	Firewood	-	Firewood	Self observation
	Deodar	Cedrus deodara								
	Kail	Pinus wallichiana								
	Chir	Pinus roxburghii								

					Format 15: D	omesticated	l 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
Cattle	Gai	Bos Indicus	ND	Cow Yield	Backyard	Abdundant	Dereases	Dairy	Nil	No	Milk	All
Cuille	Gai	Bos laurus	CB Jersey	Dished Face	Backyard/ Commericial	Very Few	Increased	Dairy	Nil	No	Milk	All
Equine	Horse	Equus Caballus	Local	HT Less than 9 hands	Backyard	Less No.	Very Few	Pack Purpose	Nil	No	Pack	Bakerwal
	Mule	Equus asinus	Local	HT Less than 9 hands	Backyard	Less No.	Increased	Pack Purpose	Nil	No	Local Carrying	All
	Kukarr	Galus Domesticus	Local	Enrich Meat Flavour	Backyard	Abdundant	Dereases	Egg & Meat	Nil	No	Egg & Meat	All
Poultry	Farmi Kukarr	Galus Domesticus	Chabro	Good Eggar	Backyard	Abdundant	Increased	Egg & Meat	Nil	No	Egg & Meat	All
	Broiler	Galus Domesticus	Hybrid	White In Colour	Deep Litter	Abdundant	Increased	Only Meat	Nil	No	Only Meat	All
Canine	Kuttar	Canis familaris	Local	ND	Stray	Abdundant	Abdubdant	Guarding Purpose	Nil	No	Nil	Non Specific
Feline	Balai	Felis catus	ND	Grey Coloured	Stray	Abdundant	Abdubdant	To Kill Rats	Nil	No	Nil	Non Specific

Ox	bos taurus					

	Format 16: Culture Fisheries													
1	2	3	4	5	6		7	8	9	10	11	12		
	T IN		T 7 • 7	T (Waterscape	Local	status			Commercial		Community Know.		
Fish Type	Local Name	Scientific Name	Variety	Features	(Pond/Bheri/ Talao)	Past	Present	Uses	Associated TK	Rearing	Other details	Holders		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil		

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

	Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products												
1	2	3	4	5	6	7	8	9					
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi- annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil					

			Forn	nat 18: Trees	, Shrubs, H	Ierbs, Tube	rs, Grasses, C	limbers etc.			
1	2	3	4	5		6	7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Loca	ll status	Commercial /	Part collected	Associated TK	Other details	Community Knowledge
	Lucai Ivanie	Scientific Manie	пари	Παυιται	Past	Present	own use	Fart conected	Associated TK	Other details	Holder
Tree	Deodar	Cedrus deodara	Tree	Forest , temperate	Dense	Less dense	Commercial, own use	Whole plant	Furniture, roofing .	Besides Cedar oil has medicinal values.	Self-observation
Tree	Kail (blue pine)	Pinus wallichiana	Tree	Forest , temperate	Dense	Less dense	Commercial, own use	Whole plant	Furniture, roofing	Furniture	Self-observation
Shrub	Tiundh	Viburnum tinus	Shrub	Forest	Good availablity	Good availablity	Own use	Whole plant	Medicinal values, fruits are edible	Fruit is eddible	Self observation
Fungus	Gucchi	Morchella esculenta	Fungus	Forest	Good availability	low	Commercial, own use	Whole part	Medicinal values and are eddible		Self observation
Shrub	kassod	Senna siamea									
Tree	Nagchattri	Trillium govanianum									
Herb	Wild mushroom	Agaricus bisporus									

	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	Wild pomegranate	Punica granatum	Wild	Used in making anardhana which has great e	Followed by farmers by along roadside of hilly areas of the district								
2	Gucchi Mushroom	Morchella esculanta	Wild	Dried and sold whichfetches Rs 10000-15000 per Kg	-								
3	Solai	Plectranthus rugisas	Wild	Flora used by honey bees to produce white honey	-								
4	Wild mushroom	Agaricus bisporus											
5	Nagchattri	Trillium govanianum											
6	Wild Strawberry	Fragania nubicola Lindl ex Lacalta											

	Format 20: Aquatic Biodiversity												
1	2	3	4	5		6	7	8	9	10			
Local Name	Scientific Name	Variety	Features	Habitat	Local	Status	Uses	Associated TK	Other details	Community knowledge holder			
	Scientific Name	variety	reatures	Παυιιαι	Past	Present		Associated TK	Other details	knowledge holder			

	Format 21: Wild Aquatic Plant Species of Importance												
1	2	3	4	5	6								
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Trends								
Nil	Nil	Nil	Nil	Nil	Nil								

	Format 22: Wild Plants of Medicinal Importance													
1 2 3 4 5 6 7 8									9	10	11			
Plant(herb, Local Name shrub,tree)	Local Name	Jame Scientific Name	Variety	Landscape/	Loca	l status	Associated TK	Uses	Part used	Other details				
shrub,tree)	Local Name	Scientific Name	v ariety	habitat	t Past Present			Uses	Part useu	market/own use	c.knowledge holder			
Fungus	Gucchi	Morchella esculenta	Forest	Temperate	Much	Low	-	Medicinal use/eddible	Whole	Both	Self observation			
Shrub	Tiundh	Viburnum tinus	Forest	Temperate	Good availablity	Good availablity	Fruit is eddible	Own use	Whole	Both	Self-observation			
	Bhang	Cannabis sativa												
	Wild mushroom	Agaricus bisporus												
	Nagchattri	Trillium govanianum												

	Format 23: Wild relatives of Crops												
1	2	3	4	[5	6	7	8	9	10			
Local	Scientific	Associated crop	Landscape / Habitat	Local Status		Uses	Part	Associated	Other details	Community / Know			
Name	Name	Associated crop	Habitat	Past	Present	(usage)	Used	ТК	Other details	holder			
Kakshi													

	Format 24: Ornamental Plants												
1	2	3	4	5	6	7	8						
Local Name	Scientific Name	Variety	Habitat	Commercial/non-commercial uses	Associated Tk	Any other detail	Community knowledge holder						
Red maple	Acer rubrum	-	Do	Do	-	Foliage value	Floriculturists /gardeners						
Tree of heaven	Ailanthus excels	-	Do	Do	Prevent soil erosion	Foliage value	Forest officials/floriculturists						
Weeping willow	Salix babylonica	-	Do	Do	Roadside planting, Gardens etc	Bark painkiller	Do						
Deodar	Cedrus deodara	-	Do	Do	Valueable timber, cedar oil	Foliage value	Floriculturists /forest officials						
Common juniper	Junipereous erecta	-	Do	Do	Juniper berries used for digestion problem .	Do	Do						
Indian pine	Pinus roxburghii	-	Do	Do	Wood is aromatic, diuretic and turpentine as solvent for waxes	Do	Do						
Oak tree	Quercus sps.	-	Do	Do	Anti-microbial	Do	Do						

White popular	Populas alba	-	Do	Do	Bark is used for infected wounds	Do	Do
Oleander	Nerium oleander	-	Do	Do	Used in indigestion	Flowering in july	Floriculturists
Rose HT	Rosa spp.	-	Do	Do	Rose petals used as antiseptic, rose hips high in vit.c	Flowers may-june	Do
Dracaena	Dracaena sanderiana	-	Do	Do	Used in antipyretic	Best air purifying	Do
Chinese rose	Hibiscus rosa-sinensis	-	Do	Do	Used in kitchen herb	Flowering from march- november	Do

				Format 2	25: Fumi	gate / Chev	wing Plants				
1	2	3	4	5		6	7	8	9	10	11
Plant (herb,shrub,Tree	Local Name	Seientifie News	Variate	Habitat	Loca	l status		Part used	Ass.TK	Other details	Community
)	Local Name	Scientific Name	Variety	Habitat	Past	Present	uses	Part useu	Ass.1K	Other details	knowledge holder
Tree	Ahkrot	Juglans regia	Local, Hamdan, Galhar	Temperate	-	-	As dry fruit and too overcome teeth ailments	Lead and bark	Overcomes mouth smell and overcomes teeth problems	-	Farming community of the district
Herb	Mulathi	Glycyrrhizaglabra	Local	All	-	-	Bark and stem used to overcome throat and lung infections	Stem and bark	Overcomes throat and lung infections	-	Farming community if the district
	Timbru	Zanthoxylum armatum	Local	Temperate	Present	Bark					
	Kov		Local	Temperate	Present	Branch					
	Shambru		Local	Temperate	Present	Bark	Nil	Nil			Farmers community

	Format 26: Timber Plants									
1	2	3	4		5	6	7	8		
Tanah		TT-1-1-1-1	Local S	tatus			A	Community		
Local Name	Scientific Name	Habitat	Past	Present	Other uses, if any	Associated Tk	Any other detail	knowledge holder		
Deodar	Cedrus deodar	Tree	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observation		
Kail	Pinus wallichiana	Tree	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observation		
Chir	Pinus rouxburghii	Tree	Forest		Less dense	Commercial, own use	Furniture, roofing	Self observation		

1	2	3	4		5	6	7	8	9	10
					l Status	Parts Collected	Commercial Uses			Community/ Knowledge
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Holder

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

			Format	t 28: Wild Animals (N	Iammals, Birds	, Reptiles, A	Amphibia, I	Insects, others	5)			
1	2	3	4	5	6		7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local	status	uses if any	Ass. TK	Mode of hunting	Other details	Community/
	Local Manie		mustat	Discription	Scuson when seen	Past	Present		7133. IIX		Other details	Knowledge Holder
Mammal	Jackal (Gidad)	Canis aureus	Forest	Are medium sized omnivorous mammals.	All seasons	More	More	-	-	Weapon		Self observation
Mammal	Monkey	Macaca fascicularis	Forest	Lives in trees ,grasslands, mountains, forests and on high plains.	Present in all seasons but mostly seen in agricultural season	least	More	-	-	Weapon		Self observation
Mammal	Chittra (snow leopard)	Uncia uncial	Forest	Volnuerable species, dark spotted body yellowish – brown or golden background	Mostly seen in winter season	least	least	Its haunting is prohibitted, teeth nails ,skin is used.	-	weapon		Self observation
Bird	Jungle fowl	Gallus sonneratii	Forest	These are large birds but are nevertheless difficult to see in the dense vegetation they inhabit.	Winter season	More	low	Flesh is eddible		weapon		Self observation
Bird	Common Myna	Acridotheres tristis	Houses	An omnivorous open woodland bird has brown body.	All seasons	More	Low			Local traps		Self observation
Bird	Rock pigeon (Kabooter)	Columba livia	Forest	Pale grey with two black bars on each wing.	Fruit season	More	Low			weapon		Self observation

Bird	Jungle Crow (Kowa)	Corvus macrorhynchos	Forest	It is very adaptable and is able to survive on a wide range of food sources.	All seasons	More	Low		weapon	Self observation
Bird	woodpicker	Picus canus	Forest	Members of this family are found worldwide ,mostly forage for insect prey on the trunks and branches of tree and often communicate by drumming with their beak.	All seasons	More	Low		weapon	Self observation
Bird	Koyal	Endynamys scolopaceas	Forest	It is black in colour .It lays its eggs in the nests of crows and other hosts who raise its young.	All seasons	More	Low		weapon	Self observation
Bird	Dove (Ghuggu)	Streptopelia orientalis meena	Forest	The bird is strong flier	Summer season	More	Low			Self observation
Bird	House crow	Corvus splendens	Local areas	Its wing tails and legs are black.	All seasons	More	Low			Self observation
Bird	House sparrow	Passer domesticus	Houses	It is a small bird that has a typical length of 16 cms Young birds are coloured pale brown and grey and males are brighter black, white and brown markings.	All seasons	More	Low		Weapon, stone	Self observation
Reptile	Snake (Saanp)	Trachischium leave	Forest, Local areas	Eat snakes, frogs etc.	Mostly summer season	More	More		Stick,stone	Self observation
	Bear	Ursidae								
Bird	Titar	Ortygornis pondicerianus								

Bird	House Sparrow	Passer domesticus					
Bird	Owl	Strigiformes					
Bird	parrot	Psittaciformes					

	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.)			
Nil	Nil	Nil	Nil	Nil	Nil	Nil			

	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.)				
Nil	Nil	Nil	Nil	Nil	Nil				

	Format 31: Any other information of local importance								
1	2	3							
Sr. No.	Information of local importance	Remarks							

End of Part II