People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Phagsoo-A
Taluk: Thathri
District: Doda
State: J&K UT
Geographical Area of the Panchayat Samiti:
Population under the Panchayat Samiti: 2740
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: 16-03-2021

nnagement Regime: Reserrest(COM):-	rve Forest (RF/Joint I	Forest Managemen	t(JGM)/Protected	l Areas(PA)/ Con	nmunity Owned	and Manage

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: Farooq Ahmed S/o Mangta Sheikhj
Age: 45
Gender: Male
Address: Phagsoo A
Area of specialization: Politics
2) Name: Parveena Begum W/o Tariq Hussain
Age: 38
Gender: Female
Address: Phagsoo A
Area of specialization: Agriculture
3) Name: Razia Begum W/o Rayaz Ahmed
Age: 26
Gender: Female
Address: Phagsoo A
Area of specialization: Agriculture
4) Name: Mohd Rafi S/o Gh.Qadir Sheikh
Age: 45
Gender: Male
Address: Phagsoo A
Area of specialization: Education

5) Name: Javid Ahmed S/o Gh. Rasool
Age: 4 5
Gender: Male
Address: Phagsoo A
Area of specialization: Agriculture
6) Name: Sajad Ahmed S/o Late Ab. Ahad Wani
Age: 38
Gender: Male
Address: Phagsoo A
Area of specialization: Agriculture
7) Name: Ghulam Hassan
Age: 59
Gender: Male
Address: Tipri
Area of specialization: Agriculture

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: Ali Mohd. Tali
Age: 80 years
Gender: Male
Address: Phagsoo
Area of specialization: Bone specialist
Location from which the person accesses biological material: Agriculture land
Perception of the practitioner on the resource status:
Medicinal Use: Apricot oil
2) 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:
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: Farooq Ahmed								
Age: 45 years								
Gender: male								
Address: Phagsoo								
Area of specialization: Agriculture								
2) Name: Razia Begum								
Age: 28 years								
Gender: Female								
Address: Phagsoo								
Area of specialization: Agriculture								
3)Name: Mohd. Rafi								
Age: 48 years								
Gender: Male								
Address: Phagsoo								
Area of specialization: Agriculture								
4)Name: Gh. Hussain								
Age: 60 years								
Gender: Male								
Address: Phagsoo								
Area of specialization: Agriculture								

	Annexure 4 Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR									
De in										
1)	Contact Person: Nil									
	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 Anticipated mode of sharing benefits or quantum of benefits shared **Local and Scientific Name of the** Date and resolution of the BMC **Detail of collection fee** Name and address of the biological material Accessed and and endorsement by the S.No Person/Institute/company others imposed Panchayat quantity

Part II PBR – Formats AGROBIODIVERSITY

Format 1: Crop Plants

1	2	3	4	5	6		7	8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape	Approx	Local	Local Status		Cropping	Uses			Source of Seeds /	Community /Knowledge
Стор	Scientific Ivallie	Local Name	variety	/Habitat	Area Sown	Past	Present	Special features	Season	USES	Associated TK	Other Details	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	Red colour	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 Kansargermpl asm	Improved Varieties	Grown by every household in garden	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 Kansar 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	Vegetable	Traditional cultivation practices	Green coloured	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	-	Traditional cultivation practices	Green coloured	Department & Local	Local farmining communities
Cauliflower	Boleracea, botrytis,	Fulgobhi	Barkha, Megha,	Temperate and intermediate	150 На	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
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
Onion	Allium Cepa	Payaz	Pusa Red, N-53	Temperate and intermediate	236 На	Local varieties	Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief	-	Edible	Green coloured	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	-	Edible	Green coloured	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	-	Edible	Green coloured	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	-	Edible	Green coloured	Department & Local	Local farmining communities
Moong	vigna Radiata	Moong	Local Variety				Improved varieties and scientific cultivation and management practices	Grown by almost every household in kitchen gardens as well	Kharief				Department & Local	Local farmining communities

Format-2	:	Fruit	Plants	

1	2	3	4	5	(6	7	8	9	10	11	12
_		_		Landscape	Local	Status	Source of	Season of			Other Details	Community
Plant	Scientific Name	Local Name	Variety	/Habitat	Past	Present	Seeds / Plants	fruiting	Associated TK	Uses	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	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
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
Lime	Citrusauran tifolia	Nimbu	Local	Tree		Available	Plenty		April-May	Pickeling	Own use
Banana	Musa paradisica	Jamun	Local	Tree		Available	Plenty		May-June	Fruit	Own use
Pear	Pyrus communis	Naakh	Local	Tree		Available	Plenty		April-May	Fruit	Own use
Orange	Citrus X sinensis	Santra	Local	Tree		Available	Plenty		July- Aug	Fruit	Own use

Format 3:-Fodder Crops / Species

1	2	3	4	5	6		7	8	9	10	11	12	13	14
Crop	Scientific Name	Local name	Variety	Landscape/	Approx. Area		Status	-Special Features	Cropping	Uses	Associated TK	Other Details	Source of Seed/	Community/ Knowledge
Стор	Scientific Name	Local name	variety	Habitat	Sown	Past	Present	Special reatures	Season	Uses	Associated 1K	Other Details	Plants	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	Nil
Berseem (Egyptian clover)	Trifolium alexandrinum	Gjaas	Miscavi	Irrigated areas	Minor 150 Hac.	-	Improved varieties	-	Rabi	Green fodder for cattle. Besides, fodder is also dried	-	-	Private seed dealers	Nil
Maize	Zea mays	Makki		Temperate		Available	Available	Need sunlight		Fodder crop			Saved seeds	Nil
Wheat	Triticum aestirum			Temperate		Available	Available	Need sunlight		Fodder crop			Saved seeds	Nil
Lavan				Temperate		Available	Available	Need sunlight		Fodder crop			Saved seeds	Nil

Format-4: Weeds

	I	ı	T					1	Γ		Γ	
1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Affected Crop	Impact	Landscape	Loc	cal Status	Uses if any	Management	Associated TK	Source of Seeds /	Community
Flant	Scientific Name	Local Name	Affected Crop	Impact	/Habitat	Past	Present	Uses it 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 the District	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)	No use	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 На	No weed management	Weed management on scientific lines being followed by the farmers	-	Kharif (in maize crop)	No use	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 На	No weed management	Weed management on scientific lines being followed by the farmers		Kharif (in maize crop)	No use	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)	No use	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)	No use	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)	Have use	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	SaolanumXanthoca rpum	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	No use	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
Paddy	Eichhorniacrassepe s	Pannijadi	Water hyacinth	Temperate and intermediate areas of the District	1250 На	No weed management	Weed management on scientific lines being followed by the farmers	Kharif (paddy)	No use	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	No use	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All crops	Cardiospermumhali cacabum	1	Lataphatkari	Temperate and intermediate areas of the District	26000 На	No weed management	Weed management on scientific lines being followed by the farmers	All seasons	No use	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	No use	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	No use	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed
All fields	Partheniumhyspero phorus	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	No use	Natural shedding of seed in the crop	No TK associated with either knowledge or management of Ipomea weed

Format-5: Pests of 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			
					777 10	Spray NSKE 5% against eggs and first instar larvae.			
	Cut worm	Agrotis.spp	toka	Maize Field	Kharif	2. Spray crop with BT (<i>Bacillus thuringiensis</i>) @ 1 kg/ hactare or NPV) formulations @ 250 LE in 500 lt water for hactare .	Nil		Nil
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.			
	Red Spider mites	Tetranychus urticae	Juan	Polyphagous	September to December	Field sanitation, clipping of infested leaves and destroying it completely. Grow trap crops, Conserve predators 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.	Nil	Avoid dusty conditions	Nil

	Fruit and shoot borer	Leucinodes ornonalis	Fal shedak	Polyphagous	February to may Aug to November	Field sanitation, Clipping off of infested shoots, Trichogramma cards, Spray of NPV,neem oil, Spray of chlorantraniliprole 18.5 SC	Nil		Nil
						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	Nil		Nil
						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.	Nil	Grow simultaneously 40 days old American tall marigold and 25 days old tomato seedling at 1:16	Nil
						Spray crop with chlorantraniliprole 18.5 % SC @ 80 ml/ 200 -300 lit of water per Acre and neem oil @ 5ml lt water		rows as trap crop	

Vegetable Crop	Leaf hopper	Amrasca biguttula Ishida		Polyphagous	April -june	Conserve predators, Spray azadirachtin 5% W/W neem extract concentrate @ 80 ml in 160 l of water/acre . Spray acetamiprid 20% SP @ 30 g in 200-240 l of water/acre or imidacloprid 17.8% SL @ 40 ml in 200 l of water/acre or malathion 50% EC @ 400 ml in 200-400 l of water/acre or cyperamethrin 25 % @ 2ml/ lt water.	Nil	Nil
Сюр	Red Spider mites	Red Spider mites	juan	Polyphagous	Feb to May	Field sanitation, clipping of infested leaves and destroying it completely. Grow trap crops, Conserve predators 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 %		Nil
					September to December	wp@3gm/lt water or Kelthane @1ml/lt water followed by NSKE @ 10 ml / lt water.		

Format 6: Markets for Domesticated animals 1 2 3 4 5 6 7 8 9 Weekly (D)/ Fortnightly Types and Average Places to which the Name of the Types of animals (D) / Monthly (D) / Biannual Places from which Name and location | Types of fishes market & bought and sold Number of animals animals are sold / Source of fish (M) / Annual (M) animals are brought of fish market sold transacted in a day location [2] transported [1] Surrounding native Sheep/Goats Phagsoo Annul 14 to 15 Thathri 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
SCC Community	Agriculture		Farm Land		Land levelling	Cow dung as	SC			5
Others	Agriculture		Agriculture land		Land levelling	Cow dung as	Muslim	Good	Hilly	423

						Forma	at 8: Landsca	pe					
	1		2	3	4	5	6	7	8	9	10	11	12
Majo	or Landsca	npes	Sub -	Features and	Oki-	General flora	General fauna		Management	Committee	Associated TK	Other details	Community
Agricultural land	Pond	Fallow land	Landscapes	approx. area	Ownership	General nora	General launa	User groups	Management practices	General uses	Associated 1 K	Other details	accessed
Agr	Agricultural land			Fertile land and of high productivity	Local inhabitants	Wheet Maize & other crops			Use of manure, fertlizers etc	Edible	Nil	Nil	Locals inhabitants
Agr	Agricultural land					Moong Dal, Mustard crop			Use of manure, fertlizers etc	Edible	Nil	Nil	Locals inhabitants

Format-9: Waterscape

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	N/A	N/A	General public of panchayat
Budh	Nallah				Fish, Frog		Locals		Irrigation	N/A	N/A	General public of panchayat
Gharat	Nallah				Fish, Frog		Locals		Irrigation	N/A	N/A	General public of panchayat

Format-10:- Soil Type

1	2	3	4	5	6	7	8
Soil Type	Colour and Texture	Features	Soil Management	Plan and Crops suitable	Flora and auna	Other information	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	
Red soil		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 soil		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	

Format 11: Fruit Trees

1	2	3	4	5	6		7	8	9	10	11	12	13
Plant	Scientific Name	I! N	W-data.	II-k'a	Landscape	Local	Status	Source of Seeds	Season of	II	Associated	Other Details	Community /Knowledge
Plant	Scientific Name	Local Name	Variety	Habit	/Habitat	Past	Present	/ Plants	fruiting	Usage	TK	markt / own 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	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	Locally raised	May-August	Fruit, Anardana	Own use	
	Bhi	Local	Temperate			Rare		Locally raised	Aug-Sept	Fruit	Own use	
	Orange	Local	Temperate			Rare		Locally raised	May- June	Fruit	Own use	
	Banada	Local	Mid hills			Rare		Locally raised	May-June	Fruit	Own use	

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

1		2		_	6 7		,			10	- 11	12
1	2	3	4	5	6			8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Source of	Location	n Status	Uses (usage)	Part used	Associated TK	Other details	Community know
Traile Type	Local Ivallie	Scientific Name	Variety	Habitat	Plant/seeds	Past	Present	Uses (usage)	1 art useu	Associated TX	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 13: Ornamental Plants/ Trees/Climbers etc. 1 2 3 4 5 6 7 8 9 10 Source of Commercial/ non-Community/ Know. **Plant Type** Scientific name Variety Uses Associated TK Other details Local name holder plant/seeds commercial Stop soil Wood for musical Forest official/ On degraded lands Ornamental Tree Tree of heaven Ailanthus excels Do floriculturists erosion instruments Used in traditional Foliage for milch Horticulturist/ Forest Fig Ornamental Tree Ficus carica Fellow land Do Ornamental medicine animals officials/ floriculturists. Cherry blossoms are Ornamental Tree Ornamental cherry Prunus serrulata Do Do Do Do pickled in salt Ornamental/ Floriculturist /forest Respiratory Thuja occidentalis Ornamental Tree Golden thuja Forest /nurseries Non-commercial Foliage value landscaping infections officials Different parts in Calistemom Ornamental Tree Bottle brush Gardens /lawns Do Do Flowers in june Do lanciolatus diarrĥea 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.	1	Nursery	Non-commercial	-	-	Flowers beautiful	Do
Pot Plants	Sedum	Sedum spectabile	1	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

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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

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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	1	Forests	Do	-	Used to treat congestive heart failure	Summer flowering	Do
	Chinar	Platanus orientalis							
	Kov								
Ornamental tree	Spirea	Spirea vanhotti	1	Gardens /lawns	Non- commercial	Ornamental/ landscaping	Different parts in diarrhea	Flowers in june	Floriculturist /forest officials

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Format 14: Timber Plants / Trees

1	2	3	4		5	6	7	8	9	10	
Plant Type	Local Name	Scientific Name	Habitat	Loca	l status	Wild/ home-	Other uses	Associated TK	Other details	Community/ Know.	
Flant Type	Local Name	Scientific Name	Habitat	Past	Present	garden	(multi)	Associated TK	Other details	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: Domesticated Animals

1	2	3	4	5	6	7	7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/	Features	Method of keeping	Local	Status	Uses	Associated	Commercial	Other details including	Community
Annual Type	Local Name	Зсієнирс Name	hybrid)	Features	rection of recepting	Past	Present	Uses	TK	rearing	products and Services	Know.Holders
Cattle	Gai	Bos Indicus	ND	Cow Yield	Backyard	Abdundant	Dereases	Dairy	Nil	No	Milk	All
Cutte	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
Equine	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	7	8	9	10	11	12	
Fish Type	Local Name	Talao)	status	Uses	Associated TK	Commercial	Other details	Community Know. Holders					
			,		`Talao)	Past	Present			Rearing		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						

Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4	5	6	3	7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local	status	Commercial /	Part collected	Associated TK	Other details	Community
Flant Type	Local Name	Scientific (Value	riabit	riavitat	Past	Present	own use	Fart conected	Associated TK	Other details	Knowledge 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
Tree	Talli	Dalbergia sissoo									
Tree	kassod	Senna siamea									
Tree	Nagchattri	Trillium govanianum									
Herb	Wild mushroom	Agaricus bisporus									

Format 19: Wild Plant Species of Importance

1	2	2 3		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	Khasrod	Fiddlehead	Wild	Used as vegetable, collected by locals and sold	-
5	Nagchettri	Trillium govanianum			

6	Wild Strawberry	Fragaria nubicola		
7	Wild mushroom	Agaricus Bisporus		

	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			
Local Name	Scientific (Value	Variety	redutes	Habitat	Past	Present	USES	Associated TK	Other details	knowledge holder			
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil			

	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		8	9	10	11
Plant(herb,	Local Name	Scientific Name	Variety	Landscape/ habitat	Loca	l status	Associated TK	Uses	Part used	Other details	c.knowledge holder
shrub,tree)	Local Name	Scientific Name		habitat	Past	Present	Associated TX	USES	rait useu	market/own use	c.knowledge noider
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
	Nagchattri	Trillium govanianum									
	Bhang	Cannabis sativa									
	Wild mushroom										

Format 23: Wild relatives of Crops

1	2	3	4	5	5		7	8	9	10
Local	Scientific	Associated crop	Landscape / Habitat	Local	Status	Uses	Part	Associated	Other details	Community / Know holder
Name	Name		Habitat	Past	Present	(usage)	Used	TK	Other details	holder
Habool										
Kakshi										

Format 24: Ornamental Plants

					1		
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 25: Fumigate / Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Plant	T 1 NJ	Scientific Name	No. of the	TT-L:	Loca	l status	uses	Destaced	A TIV	Other details	Community
(herb,shrub,T ree)	Local Name		Variety	Habitat	Past	Present	uses	Part used	Ass.TK	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									
	Shambru										
	Kov										

Format 26: Timber Plants

1	2	3	4	ı	5	6	7	8
Local Name	Scientific Name	Habitat	Local	Status	Other uses if any	Associated Tk	Any other detail	Community knowledge holder
Locai Name	Scientific Name	ridullal	Past	Present	Other uses, if any	Associated 1k	Any other detail	
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							

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

1	2	3	4		5	6	7	8	9	10
A 1 TF	T and No.	Caladiffa Name	II-l-'	Local	l Status	Parts collected	Commercial Uses	Other Uses	ses Associated TK	Community/
Animal Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)			Community/ Knowledge Holder

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

1	2	3	4	5	6	2	7	8	9	10	11	12
A : 1m		0 1 .16 N	TT 11.	p		Local	status		A 1777	Mode of		Community/
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Past	Present	uses if any	Ass. TK	hunting	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
	Owl	Strigiformes								
	parrot	Psittaciformes								
	Shal									

	Format 29: Flor	ra	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