

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Kheri B

Taluk: Bishnah

District:Jammu

State/UT: J&K

Geographical Area of the Panchayat Samiti: 233.52 Hec

Population under the Panchayat Samiti: 2852

Male:1476 **Female:** 1376

Habitat and Topography: Plain

Climate (Rainfall, Temperature and weather patterns): moderate

Land Use (Nine fold classification available with village records) : Vegetables, Crops

Date, Month and Year of PBR Preparation: 10/7/2020 | **Last Updated :** 01-02-2021

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

**iversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local b
women and not less than 18% belonging to SC/ST)**

Chairperson: Sh. Vijay Kumar Saini (9419145141)

a, Khairi

Occupation: Sarpanch

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y Sadotrain

Occupation: Student

ani

y, Po Khairi

Occupation: Furniture Shop

y po Khairi

Occupation: Student

a, Po Khairi

Occupation: Student

a, Po khairi

Occupation: Private Job

al

chain

on: Medical Shop

Annexure-2

List of Vaid, 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:

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 forestry

1)Name of the Chairperson: Satpal s/o Ram Das

Age: 42

Gender: Male

Address: chakra

Area of specialization: Agriculture

2)Name of the Chairperson: Bachan Kumar S/O Mansha Ram

Age: 45

Gender: Male

Address: R/o - Chakra

Area of specialization: Fishery

3)Name of the Chairperson: Sham Lal s/o Thoru Ram

Age: 40

Gender: Male

Address: chakra

Area of specialization: Agriculture

4)Name of the Chairperson: Dalbil Singh S/O Rampal

Age:

Gender: Male

Address:

Area of specialization: Agriculture

Annexure 4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR	
1) Contact Person:	
Name and Address:	
2) Contact Person:	
Name and Address:	
3) Contact Person:	
Name and Address:	
4) Contact Person:	
Name and Address:	
You may add 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
Nil					

End of Part I

Part II

PBR - Formats

AGROBIODIVERSITY

Format 1 Crop Plants

S.No	Crop	Scientific Name	Local Name	Description of the variety	Landscape / Habitat	Approx. Area sown(ha)	Local status		Special features	Uses	Associated TK	Other details	Cropping Season	Source of Seeds / Plants	Community / Known. Holder
							Past	Present							
1	Rice	<i>Oryza sativa</i>	Dhan/ Munji	B-370(Fine & Long duration)	Planes / Low laying Areas		Normal	Normal	Basmati 370 is world wise known for its aroma	Food & Fodder	Provides energy fragrance and taste	-	Kharif (May to October)	Farmers / Department/ Private Suppliers	Farmers
				Basmati 1121/(Coarse K39 K434 Rattana & Long duration)			Normal	Normal	Medium tall Coarse Grains						
2	Moong	<i>Vigna radiata</i>	Moong	PDM-54	Hot / Humid of Sub tropical region		Normal	Rare	Medium	Food	Source of Vegetable Protein	Also suitable for green Manuring	Summer/Kharif	Farmers / Department/ Private Suppliers	Farmers
				SML-668			Normal	Plenty	High yielding Variety						
				IPM-0203			Normal	Rare	Excessive vegetative growth						
3	Mash	<i>Vigna mungo</i>	Mhaa	PU-19	Warm / Humid of Sub tropical region		Normal	Normal	High yielding Variety	Food	Source of Vegetable Protein	-	Summer/Kharif	Farmers / Department/ Private Suppliers	Farmers
				Utra			Normal	Normal							
4	Bajra	<i>Pennisetum americanum</i>	Bajra	Local Variety	Warm / Humid climate under Sandy loam Soil		Normal	Normal	Tall & low Yielding variety	Food & Fodder	Source of Energy	-	Kharif (May to October)	Farmers / Department/ Private Suppliers	Farmers
				MHB-110			Normal	Normal							

5	Wheat	<i>Triticum aestivum</i>	Kanak	HD2967,PBW644	Cool Climate during early part of its growth		Plenty	Plenty	High yielding Variety	Food & Fodder	Source of Energy	Suitable for Chappati/Bread making	Rabi	Farmers / Department/ Private Suppliers	Farmers
6	Lentil	<i>Lens esculantum</i>	Masar	PL406	Cool & dry		Normal	Normal	High yielding Variety	Food	Source of Protein/ Energy	Improve soil fertility	Rabi	Farmers / Department/ Private Suppliers	Farmers
7	Chick-pea	<i>Cicer arietinum</i>	Chana	GNG-469/C 235	Cool & dry		Normal	Normal	High yielding Variety	Food	Source of Protein/ Energy	Improve soil fertility	Rabi	Farmers / Department/ Private Suppliers	Farmers
8	Peas	<i>Pisum sativum</i>	Matar	Rachna	Cool & dry		Normal	Normal	Early maturing & High yielding	Food	Source of Protein/ Energy	Used as Vegetable	Rabi	Farmers / Department/ Private Suppliers	Farmers
9	Onion	<i>Allium cepa</i>	Gamd	nasik Red. Red Coral, Monsanto And Local Spp.	local Planee areas		Abundant	Abundant	Bulbs Cash Crop	Vegetables	Vegetable	Staple Vegetable food	Rabi	Farmers / Department/ Private Suppliers	Farmers
10	Mustard	<i>Brassica juncea</i>	Sarson	Pusa Bold/ KOS -1	Cool & dry		Normal	Normal	Matures in 145-150 days with 40-42 % oil content	oil for Food	Source of energy	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Private Suppliers	Farmers
11	Gobhi Sarson	<i>Brassica napus</i>	Gobhi Saria	GSL-1,DGS-1 ,Local	Cool & dry		Normal	Abundant	Annual Herb,yellow flowers bearing Pods	oil for Food,leaves used as vegetable	Source of energy ,calcium , copper, potassium	vegetable Oil extracted from seeds used in cooking	Rabi	Farmers / Department/ Private Suppliers	Farmers
12	Linseed	<i>Linum usitatissimum</i>	Alsi	LC 54	Cool & dry		Normal	Normal	Medium duration	Food & fiber	Source of energy in the shape of Oil	Medicinal, industrial & domestic use	Rabi	Farmers / Department/ Private Suppliers	Farmers
13	Potato	<i>Solanum tuberosum</i>	Aalo	Kufri Sindhuri,Kufri Badsha, local	Potato is an herbaceous annual,requires cool weather,mostly rainfed conditions		Abundant	Abundant	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable,chips etc	-	High carbohydrate,provide high n energy value	Rabi	Farmers / Department/ Private Suppliers	Farmers

14	Toria	<i>Brassica jrape cv.toria</i>	Toria	RSPT-1,RSPT-2,Local var.	Cool & dry with bright sunshine		Normal	Normal	Short durationAnnual Herb	oil for preperation of Food	Source of energy ,calciam , copper, potassium	vegetable Oil extracted from seeds used in cooking	Between Kharif & Rabi season	Farmers / Department/ Privaate Suppliers	Farmers
15	Sesame	<i>Sesamum indicum</i>	Til	Punjab Til No.1/local	Warm / Humid of Sub tropical region		Normal	Normal	Medium Yielding	Food	Source of Vegetable oil	Religiuos and medicinal value	June - Oct.	Farmers / Department/ Privaate Suppliers	Farmers
16	Sugarcane	<i>Saccharum officinarum</i>	Ganna	COJ-64,COJ-81	Sub Tropical		Rare	Rare	Long duration crop for Nine months	Food	Source of energy in the shape of Gur/Sugar	Sugar cane Juice used as prefered drink for instant source of energy during summer besides beating heat	Spring season	Farmers / Department/ Privaate Suppliers	Farmers
17	Chilli	<i>Capsicum spp.</i>	Mirchi	Pusa Jawala, CH-1	Tropica/sub tropical vegetable,grows well warm humid conditions		Abundant	Abundant	Pungency and flavor	Used as spice ,medician al value	-	Contains good ammount of vitamin A&C	winter season	Farmers / Department/ Privaate Suppliers	Farmers
18	Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa rubi,Pusa early dwarf, Manisha Plus/local	Warm season crop		Abundant	Abundant	Stems are woody and weak, and tend to vine over other types of plants.	Used as vegetable ,salad , soup,Souce	rich source of Ascorbic acid	Tomatoes are also packed with vitamins A and C, calcium, potassium.	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
19	Okra	<i>Abelmoschus esculentus</i>	Bindi	Varsha uphar, Arka Anamika	Tropica/sub tropical vegetableHot and humid climate		Abundant	Abundant	Tender green fruit used as vegetable	Mainly vegetable	Source of Fiber	Contains dieta fibers,protein and carbohydratesry	Summer/Kharif	Farmers / Department/ Privaate Suppliers	Farmers
20	Cucumber	<i>Cucumis sativus</i>	Kheera	Kheera local,JL	Grows in all climatoic conditions,Tropical,Sub tropical &temprate		Abundant	Abundant	Limbing annual bearing elongated thick cylendrical fruit	Mainly used as salad	-	It also used asantipyretic and causing cooling effect	Summer/Kharif	Farmers / Department/ Privaate Suppliers	Farmers
21	Bottle gourd	<i>Lagenaria siceraria</i>	Lokki	PSPL/Punjab Long	Summer &rainy season crop		Abundant	Abundant	Vines vigorous, profusly branched	Subzis, curries and gravies.	-	It also contains essential vitamins and minerals	Summer/kharif	Farmers / Department/ Privaate Suppliers	Farmers

22	Bitter gourd	<i>Momordica charantia</i>	karela	Pusa Domausmi/Kundan	Warm and Humid climate
23	Beans	<i>Phaseolus Spp.</i>	Phaliya	Contender	Cool weather crop/Sandy/loamy soil
24	Cauliflower	<i>Brassica oleraceae var.botrytis</i>	Fol gobi	Pusa snow ball,Pusa Katki,local Girja	Both sub tropical &intermediate
25	Cabbage	<i>Brassica oleraceae var.capitata</i>	Band gobi	Golden Acre,Pride of India,Green Flesh	Both sub tropical &intermediate
26	Knol khol	<i>Brassica oleraceae var.gongyloides</i>	Kadam	White vienna,Purple vienna	cool &moist climate/sub tropical
27	Spanich	<i>Beta vulgaris</i>	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils
28	Radish	<i>Raphanus sativus</i>	Mulli	Japanes White ,Koren Etc	Cool season Crop, thrives well on well drained Sandy loam soils
29	Carrot	<i>Daucus carota</i>	Gajer	Pusa Kesar,local	Cool &moist climate/ sub tropical& intermedite

Abundant	Abundant	Herbaceous climbing annual with ridged stems	Vegetable and medicinal value	-	Used for maitaining low suger level	Summer/kharif	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	Tender green pods are used as vegetable	Mainly vegetable	Source of energy in the shape of Gur/Sugar	High vale protein,VitamineB1, B2<B6 and Maganese	Summer season	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	White and tender head ,curdformed from shortened flower part	Curd Mainly used as vegetable	-	Also good source of protein, carbohydrate, phasphorus & iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	Round head withlight to dark green colour	Head Mainly used as vegetable,salad	-	Also good source of protein,carbohydrate,phasphorus& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	Swollen stem ,gren/purple with long and broad leaves	Swollen stem and leaves are consumed as vegetable	-	-	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	Tender green leaves & root used as Vegetable	Tender green leaves used as leafy Vegetable	-	Vitamins A and C, fiber, folic acid, and other nutrients	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	Tender green leaves &roots used as Vegetable	Modified Roots are used as Vegetabke & Salad	-	Full of vitamin A, C, E, B6, potassium, and other minerals,	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
Abundant	Abundant	Modified Root is eatable	Root is used as Vegetable, Salad, Juice, Sweet Dish, Preserve etc.	-	Good source of carotene, , lutein, and zeaxanthin.Vit A,C,B6,Folic acid	Rabi	Farmers / Department/ Privaate Suppliers	Farmers

30	Turnip	<i>Brassica rapa</i>	Gunglu /Shalgam	PTWG/Local	Cool &moist climate/sub tropical&intermedite	Abundant	Abundant	Modified Root is eatable	Root is used as Vegetable ,Sala d,.	-	Good source of Vit.C,Diatry Fiber &Potasium	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
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Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Mango	<i>Mangifer indica</i>						Nursary + Locally raised			Own use		
Guava	<i>Psidium guajava</i>						Nursary + Locally raised			Own use		
Papaya	<i>Carica papaya</i>						Nursary + Locally raised			Own use		
Pomegranate	<i>Punica granatum</i>						Nursary + Locally raised			Own use		
Citrus Fruits	<i>Citrus spp.</i>						Nursary + Locally raised			Own use		
Jamun	<i>Syzygium cumini</i>						Nursary + Locally raised			Own use		
Amla	<i>Phyllanthus emblica</i>						Nursary + Locally raised			Own use		
Plum	<i>Prunus persica</i>						Nursary + Locally raised			Own use		
Peach	<i>Prunus domestica</i>						Nursary + Locally raised			Own use		
Ber	<i>Ziziphus persica</i>						Nursary + Locally raised			Own use		
Garnay							Nursary + Locally raised			Own use		

Format 03 Fodder Crop/ Species of Block Bishnah PanchayatChak Avtara (District Jammu)

1	2	3	4	5		6	7	8	9	10	11	12	13
S. No.	Plant	Scientific Name	Local Name	Habit	Area (Approx.) Rabi/ Kharif	Landscape/ Habitat	Local Status		Part Used	Associated TK	Other details(mode of use)	Sources of Seeds and Plants	Community / Knowledge holder
							Past	Present					
1	Barseem	<i>Trifolium alexandrium</i>	Chhatala	Annual	8030	Sub Humid & moderately cool	Abundant	Abundant	Entire Plant	Nutritious & palatable fodder, Source of energy for animals	Fodder	Farmers / Department/ Private Suppliers	Farmers
2	Oats	<i>Avena spp.</i>	Javi	Annual		Cool & moist climate	Abundant	Abundant	Above ground part of plant	Nutritious & palatable fodder,	Fodder		Farmers
3	Sorghum	<i>Sorghum spp.</i>	cherri	Annual	6840	Warm & humid	Abundant	Abundant	Above ground part of plant	Source of energy	Fodder	Farmers / Department/ Private Suppliers	Farmers
4	Maize	<i>Zea mays</i>	Makki	Annual		Warm & humid	Abundant	Abundant	Above ground part of plant	Source of energy	Food & fodder		Farmers
5	Bajra	<i>Pennisetium americanum</i>	Bajra	Annual		Warm & humid	Abundant	Normal	Above ground part of plant	Source of energy	Food & fodder	Farmers / Department/ Private Suppliers	Farmers
6	Cowpea	<i>Vigna unguiculata</i>	Pongi	Annual		Warm & humid	Abundant	Normal	Above ground part of plant	Kharif Legume with high protein	Fodder		Farmers

Format 4: Weeds

1	2	3	4	5	6	7	8		9	10	11	12	13
S. No.	Plant	Scientific Name	Local Name	Affected Crop	Habit	Landscape/ Habitat	Local Status		Uses if any	Management options	Associated TK	Other details	Community / Knowledge holder
							Past	Present					
1	Pig Weed	<i>Amaranthus viridis</i>	Jangli Choulai	Rice, Maize & sugarcane	Annual herb	Agri. Land	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein & amino acid	Also Used as medicinal herb	Farmers
2	Lamb's quarters	<i>Chenopodium album</i>	Bathua/ Kanh/Wild Spinach	Wheat, Pea, Potato	Annual herb	Agri. Land	Normal	Normal	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein, Vit. A, Calcium, Phosphorus & potash	Annual feed & fermentation of Beverages	Farmers
3	Nut Grass	<i>Cyperus rotundus</i>	Dilla/Motha	Paddy, maize, sugarcane, vegetable	Perennial	Agri. & Non Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Traditionally used as medicine	Farmers
4	Barnyard Grass	<i>Echinochloa crusgalli</i>	Swank	Paddy	Annual	Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Nil	Farmers
5	Carrot grass	<i>Parthenum hysterophorus</i>	Congress Grass	Gardens & sugarcane ratoons crops & other crops	Annual	Agri. Land	Abundant	Abundant	Nil	Physical, Mechanical, Chemical	Abnoxious weed difficult to manage		Farmers
6	Bur Clover	<i>Medicago denticulata</i>	Maina	Wheat Grass Peas	Perennial herbaceous legume	Agri. Land	Normal	Normal	Fodder, vegetable & green manure	Mechanical, Chemical	Nil	Improves Soil fertility	Farmers
7	Canary Grass	<i>Phalaris minor</i>	Sitti/gilli danda	Wheat Grass Peas, mustard	annual	Agri. Land	Abundant	Abundant	Fodder & forage	Mechanical, Chemical	Source for High quality protein	Agri. Land	Farmers
8	Meadow Pea	<i>Lathyrus aphaca</i>	Matri	Wheat Grass Peas, mustard	annual	Agri. Land	Normal	Normal	Fodder	Mechanical, Chemical	Nil	Agri. Land	Farmers

9	Canada Thistle	<i>Cirsium arvense</i>	Leh	Wheat gram, Barley	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
10	Bang	<i>Cannabis indica</i>	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
11	Nilibuti	<i>Ageratum spp.</i>	Nilibuti	Rabi Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. & wasteLand	Farmers
12	Dub Grass	<i>Cynodon dactylon</i>	Dub Grass	Rabi/ Kharif	Perennial	Agri. & wasteLand	Abudant	Abudant	Fooder	Mechanical, Chemical	Nil	Agri. & wasteLand	Farmers
13	Wild oats	<i>Avena fatua</i>	Jangli Javi	Oats	Annual herb	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrativ Fodder for Animals	Farmers
14	Wild Rice	<i>Zizania spp.</i>	Swanki	Paddy	Annual herb	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrativ Fodder for Animals	Farmers
15	Jhonson Grass	<i>Sorghum Halpense</i>	Beru grass	Sorghum	Perinneal	Sub Tropical	Rare	Rare	Fodder	Above ground parts	-	Nutrativ Fodder for Animals	Farmers
16	wild onion	<i>Allium spp.</i>	Jangli payas	Onion	Annual herb	Temprate/sub tropical	Rare	Rare	Food and medicine	All parts used	-	-	Farmers

Format 05 Pests of Crops

1	2	3	4	5	6	7	8	9	10	11
S. No.	Insect /Animal	Scientific Name	Local Name	Habit	Habitat	Time/Season of Attack	Management Mechanism	Associated TK	Other details	Community / Knowledge holder
1	Mustard aphid	<i>Lipaphis erysimi</i>	aphid	Sucking pest	Attacks mustard & other cucurbit crops	Dec-March	Timely sowing of crop & Chemical, Biological & Mechanical	-	Major threat to oil seed crops of Rabi	Farmers
2	Termite	<i>Microtermis obesi</i>	Telle	Chewing & biting	Wheat & other crops	Nov-May	Cultural & Chemical measures	-	Major threat to unirrigated crops	Farmers
3	Blister beetle	<i>Mylabris spp.</i>	Ghori	Chewing & biting	Attacks Maize, Bhindi & Pulses	June-Oct	Mechanical& Chemical measures	-	Insectivorous feed on grasshopper	Farmers
4	Cereal leaf Beetle	<i>Oulma melanopus</i>		Chewing & biting	Attacks Maize	Aug-Sep	Chemical measures	-	Most recent occurrence	Farmers
5	Red Pumpkin Beetle	<i>Raphidopalpa foveicellis</i>	Lal Kaddu Beetle	Chewing & biting	Cucurbits	March-Oct	Chemical measures	-	Most common in fields of Cucurbits	Farmers
6	Cucurbits fruit fly	<i>Bactrocera cucurbitae</i>	Melon fly	Chewing & biting	Attacks Pumpkin, cucumber & gourds	Throughout the year	Mechanical & Chemical, Pheronon trap	-	Danger to all cucumber crops	Farmers
7	Maize stem Borer	<i>Chilo partellus</i>	Sundi / Tana-shedak	Chewing & biting	Attacks Maize, sorghum , Bajra & sugarcane	July to sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants	Farmers
8	Grasshopper	<i>Hygro blasses Negro</i>	Tidi	Maize and Paddy	Maize, Paddy, Jojr Bajra	July to sept	Mechanical& Chemical measures	-	Eats leaves	Farmers
9	Rice Gandhi Bug	<i>Leptocorzia varcornis</i>	Gandi Bug	Paddy	Paddy at miliking stage	July to Oct.	Mechanical& Chemical measures	-	Pierce the grains at miliking stage	Farmers

10	Army worm	<i>Spodoptera Frugiperda</i>	Caterpillar	All Crops	Defoliates Major crops	Through the year	Mechanical& Chemical measures	-	Defoliates all crops	Farmers
11	Leaf Floder	<i>Cnaphalocrocis meddialis</i>	Ctter Pillers	Feeds on leavs abd stem	Attacts on Paddy Leaves	June to Oct.	Mechanical& Chemical measures	-	Major threats	Farmers
12	Stem Borer	<i>Tryporza incrtules</i>	Tana shedat/ Catter pillers	Bores into stem results into dead heart	Crops Plants	June to Oct.	Mechanical& Chemical measures	-	Major threats	Farmers
13	Cut worm	<i>Agrotis ipsilon</i>	Ludi	Cuts stem and leaves	Wheat sorguham maize and other	Throughout the year	Mechanical& Chemical measures	-	Major threats	Farmers
14	White Fly	<i>Aleyrodidae spp.</i>		Suks the shap of plants	Sobin Bhindi and all pulses crops	April to Oct.	Chemical measures	-	Major threats	Farmers
15	Field rats	<i>Ratus melta</i>	Chouha	Nocturnal in habit	Attacks all crops	Throughout the year	Mechanical& Chemical measures	-	Lives in burrows opening hidden in bushes	Farmers
16	Monkey	<i>Macaca mulatta</i>	Bander	Attacks agriculture crops	Forest & human habitat	Throughout the year	Traps & chemosterlization	-	Cause extensive damage to almost all crops,attacks humans	general public/ Farmers

Format 6: Markets for Domesticated animals

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

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
ST 142	Dairy Farming	labours	agriculture	land water and live stock animals	traditional little modern	traditional	st	backward	some weak some good due to dairy farming	118
sc 613	farming, few govt. Jobs pvt. Jobs some business man	labours	agriculture	farm land water	traditional little modern	traditional	sc	Most are weak but some are good	Mostly economically weak expect few	118
oc 2097	Some Govt. Jobs agricultural work, pvt jobs business	labours	agriculture	land water	both traditional and modern	both traditional and modern	oc	some weak and some good	some weak some good	390

Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Ponds			State land and Private land	Tali, Kamal, Brankad, Bori Peepal and Khu jari etc	Frogs , fishes, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Streams			State land and Private land	Bana, Aak, Khar grass, Panjphuli jari etc	Frogs , fishes, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Tube well			State land and Private land			Cattles, washing cloths, irrigation, Drinking etc	public					
Dug wells			Private			Cattles, washing cloths, irrigation, Drinking etc	public					
Canals			Nil	Nil	Nil	Nil	Nil					
Hand pumps			Private	Panjphuli jari, Bana, Aak, Khar grass etc	Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths,Drinking etc	public					
Bowlis			Private	Bana, Aak, Khar grass, Panjphuli jari etc	Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					

Format 10 Soil Type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information
Alluvial sandy soil	Fine & coarse grain	rich in N,ca, fe,si			Succulants like cacti, Lambs ear, etc.	-	Genrally not suitable for plants which need lot of water
Hill and mountain soil	Fine & coarse grain	ca,fe,n,si, etc			Ornamental Plants/ grasses, plants with evergreen leaves,colourful Berries	-	Soil is good for wild varieties of crops, however drainage is a problem
Red podozolic soil	brown, red	fe,ca,fe,n,si					

Format 11: Fruit Trees

DOMESTICATED BIODIVERSITY

1	2	3	4	6		7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat		Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
						Past	Present						
Mango	Aam	<i>Mangifera indica</i>	Desi, Dusheri, Malta	Alternate Bearing	Plains	Plenty	Plenty	Nurseries	Jun-Aug	Fruit, Pickle, Preserves		Marketing, Own Use	
Citrus Fruit	Khatti, Galgal, Nimbu, Santra, Kinnoo etc.	<i>Citrus spp.</i>	Local Selection, Kagzi Lime etc.	Tree, Regular Bearing	Plains, mid hills	Plenty	Plenty	Nurseries	Through Out Year	Fruit, Pickle, Squashes etc		Marketing, Own Use	
Litchi	Litchi	<i>Litchi chinensis</i>	Culcatta, Dehradun	Tree, Regular Bearing	Plains	Plenty	Plenty	Nurseries	Jul - Aug	Fruit		Marketing	
Guava	Amrood	<i>Psidium guajava</i>	Local, L49 etc.	Tree, Regular Bearing	Plains, Lower Hills	Plenty	Plenty	Nurseries	Jul - Aug	Fruit		Marketing, Own Use	
Grapes	Anjoor	<i>Vitis vinifera</i>	Local Dakh, Perlette	Vine, Regular Bearing	Plains, Mid Hills	Rare	Plenty	Nurseries	Jul - Aug	Fruit			
Aonla	Ambla	<i>Phyllanthus emblica</i>	Local Selection, NA-7	Tree, Regular Bearing	Plains	Plenty	Plenty	Nurseries, Local Collections	Nov.- Dec	Pickling Preserve etc		Marketing, Own Use	
Ber	Ber	<i>Ziziphus mauritiana lamk</i>	Gola, Varanasi	Tree, Regular Bearing	Plains	Plenty	Plenty	Local	Jul - Aug	Fruit		Own Use	

Jamun	Jamun	<i>Syzygium cumini</i>	Local Selection	Tree, Regular Bearing	Plains	Rare	Rare	Nurseries, Local Raised	Jul - Aug	Fruit		Own Use	
Pomegranate	Anaar, Druni	<i>Punica granatum</i>	Ganesh, Kandhari, Local	Tree, Regular Bearing, Shrub	Plains, Mid hills	Rare	Rare	Nurseries, Local Raised, Wild	May - Aug	Fruit, Anardana		Own Use	
Pear	Nakh	<i>Pyrus spp.</i>	Pathar Nakh, China Pear	Tree, Regular Bearing	Plains, mid hills	Rare	Rare	Nurseries	Aug - Sep	Fruit		Own Use	
Peach	Aaroo	<i>Prunus persica</i>	July Elberta, Quetta	Tree, Regular Bearing	Plains, mid hills	Rare	Plenty	Nurseries	Jun - Jul	Fruit		Marketing, Own Use	
Strawberry	Strawberry	<i>Fragaria ananassa</i>	Chandler	Runner, Annual	Plains, mid hills	Rare	Plenty	Nurseries	Mar - Apr	Fruit		Marketing	
Karonda	Garnay	<i>Carissa carandas</i>	Local	Shrub	Hills/ Plains	Rare	Rare	Wild, Local	Jun - Aug	Fruit		Marketing, Own Use	
Papaya	Patita	<i>Carica papaya</i>	Local	Tree	Plains	Rare	Plenty	Nurseries, Locally Raised	Aug - Oct	Fruit		Own Use	

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

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Local status		Uses (usage)	Part used	Associated TK	Other details market/own	Community/ Know.
						Past	Present					
Herbs	Jungli putna	<i>Mentha arvensis</i>		Lower shiwalik/ Temperate area	Stem/Seed	Abundant	Abundant	medicinal	Leaves	N.A	N.A	Generally, held by community
Shrubs	Brankad	<i>Adhatoda vasica</i>		Lower shiwalik	Seed	Abundant	Abundant	medicinal	Roots & Flower	N.A	N.A	Generally, held by community
Shrubs	Drainkad	<i>Murraya koenigii</i>		Sub-Tropical area	Seed	Rare	Rare	medicinal & spice	Fruit	N.A	N.A	Generally, held by community
Shrubs	Bareyan	<i>Acorus calamus</i>		Lower shiwalik	Seed	Rare	Rare	medicinal	Leaves	N.A	N.A	Generally, held by community
Herbs	Bhang	<i>Canabis sativa</i>		Lower shiwalik	Seed	Abundant	Abundant	medicinal	Leaves	N.A	N.A	Generally, held by community
Tree	Bair	<i>Ziziphus marutiana</i>		Lower shiwalik	Seed	Rare	Rare	medicinal	Stem	N.A	N.A	Generally, held by community
Tree	Bahera	<i>Terminalia bellerica</i>		Lower shiwalik	Seed	Rare	Abundant	medicinal	Fruit	N.A	N.A	Generally, held by community
Tree	Draink	<i>Melia azedarach</i>		Lower shiwalik	Seed	Abundant	Abundant	medicinal	Leaves	N.A	N.A	Generally, held by community
Tree	Jamun	<i>Syzygium cumini</i>		Lower shiwalik	Seed	Abundant	Abundant	medicinal	Leaves/ Fruit	N.A	N.A	Generally, held by community
Tree	Karal	<i>Bauhinia variegata</i>		Lower shiwalik	Seed	Rare	Rare	medicinal	Leaves/ Flower	N.A	N.A	Generally, held by community
Tree	Khair	<i>Acacia catechu</i>		Lower shiwalik	Seed	Abundant	Abundant	medicinal	Leaves/Stem	N.A	N.A	Generally, held by community

Tree	Kringal	<i>Casia fistula</i>		Lower shiwalik	Seed	Rare	Rare	Flowers as vegetable	Fruit	N.A	N.A	Generally, held by community
Tree	Mango	<i>Mangifera Indica</i>		Lower shiwalik	Seed	Abundant	Abundant	Fruits	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Rumbal	<i>Ficus racemosa</i>		Lower shiwalik	Seed	Rare	Rare	medicinal	Leaves	N.A	N.A	Generally, held by community
Tree	Siris	<i>Albizia lebbeck</i>		Lower shiwalik	Seed	Abundant	Abundant	Firewood	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Tali	<i>Dalbergia sissoo</i>		Lower shiwalik	Seed	Abundant	Abundant	Timber & fodder	Stem	N.A	N.A	Generally, held by community
Tree	Amla	<i>Emblica officinalis</i>		Lower shiwalik	Seed	Rare	Rare	medicinal	Leaves/Bark	N.A	N.A	Generally, held by community

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder
Tree	Krangal	<i>Casia fistula</i>		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Shrub	Gandela	<i>Nerium oleander</i>		Cuttings	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Satpati	<i>Alstonia scholaris</i>		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Bottle brush	<i>Callistemom citrinus</i>		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Climber	Booganbel	<i>Bougainvillea glabra</i>		Cuttings	Non-Commercial	N.A	N.A	N.A	Generally, held by community

Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local name	Scientific Name	Variety	Features	Waterscape (Pond/bheri/ talao)	Local status		Uses	Associated TK	Commercial rearing	Other deatails	Community Know. Holders
						Past	Present					
There is no culture Fisheries taken up in this panchayat												

Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products

1	2	3	4	5	6	7	8	9
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi-annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported

NIL

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

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial/own use	Parts collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Tali	<i>Dalbergia sisoo</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Stem, Timber	-	-	-
Tree	Khair	<i>Acacia catechu</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Timber/ Firewood	Katha	-	-
Tree	Amla	<i>Emblica officinalis</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Fruit	Food processing	-	-
Tree	Siris	<i>Albizia lebbek</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial own use	Timber/ Firewood	-	-	-
Tree	Simbal	<i>Bombax cebia</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Kamila	<i>Mallotus philippensis</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial /own use	Timber/ Firewood	-	-	-
Tree	Krangal	<i>Cassia fistula</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Ber	<i>Ziziphus jujuba</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial /own use	Fruit	-	-	-
Tree	Plaah	<i>Butea monosperma</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-

Tree	Arjun	<i>Terminalia arjuna</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Santha	<i>Dodonaea viscosa</i>	Shrubs	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Amb	<i>Mangifera indica</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Fruit	-	-	-
Tree	Kiker	<i>Acacia nilotica</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Safeda	<i>Eucalyptus spp.</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Neem	<i>Azadirachata indica</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Climber	Amar bel	<i>Cuscuta reflexa</i>	Climber	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Grass	Doob grass	<i>Cynadon dactylon</i>	Grass	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Shurb	Dhatura	<i>Datura stramonium</i>	Shurb	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Shurb	Arnid	<i>Ricinus communis</i>	Shurb	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Climber	Giloe	<i>Tinospora cordifolia</i>	Climber	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-

Shurb	Bana	<i>Vitex negundo</i>	Shurb	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Bel	<i>Agel marmelos</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Shurb	Daduni	<i>Punica granatum</i>	Shurb	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Rumbal	<i>Ficus glomerata</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Fagora	<i>Ficus plamata</i>	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Shurb	Panjphulli	<i>Lantana camara</i>	Shurb	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Grass	Nad	<i>Arundo donax</i>	Grass	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Grass	Khar	<i>Saccharum munja</i>	Grass	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Shurb	Drenkeri	<i>Murraya koengii</i>	Shurb	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Herb	Congress grass	<i>Parthenium hysterophorus</i>	Herb	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Herb	Chaleri saag	<i>Amaranthus viridis</i>	Herb	Farmlands & Urban areas	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl.No	Local Name	Scientific Name	Variety	Importance(as economic, social, cultural etc.)	Status
1	Lal Gandila	<i>Nerium indicum</i>	Shrub	Aesthetic	Good
2	Daduni	<i>Punica grantum</i>	Shrub	Live Hedge fencing	Good
3	Brenkar	<i>Adhatoda vasica</i>	Shrub	Medicinal	Good
4	Aak	<i>Calotropis gigantea</i>	Shrub	Medicinal	Good
5	Arnid	<i>Ricinus cuminus</i>	Shrub	Medicinal	Good
6	Bana	<i>Vitex negundo</i>	Shrub	Medicinal	Good
7	Bhang	<i>Cannabis sativa</i>	Shrub	Medicinal	Good
8	Thor	<i>Euphorbia royleana</i>	Shrub	Live Hedge fencing	Good
9	Jojra	<i>Pupalia lappacea</i>	Shrub	Medicinal	Good

Format 20: Aquatic Biodiversity

Local Name	Scientific Name	Variety	Features	Habitat	Local status		Uses	Associated TK	Other details	Community/ Knowledge Holders
					Past	Present				
Marakhi	<i>Pethia ticto</i>	Local	Silver & gold in colour with two black spots near the pectoral fin and cordal fin	Nullah Aik	Available	Available	Own & Commercial use	Used as food as source of protein	-	55%
Tichir	<i>Puntius spp.</i>	Local	Blackish Spot or blotch on the caudal peduncle, small sized fish	Nullah Aik	Available	Available	Own & Commercial use	Used as food as source of protein	-	55%
Kayehri	<i>Labeo dero</i>	Local	Slender body covered with cycloid scales, head is over, silvery grey with rounded abdomen.	Nullah Aik	Available	Available	Own & Commercial use	Used as food as source of protein	-	55%
Seeng	<i>Mystus seenghala</i>	Local	Have long Barbels, Scaleless body, Chisel shaped head, Cat fish	Nullah Aik	Available	Available	Own & Commercial use	Used as food as source of protein	-	55%
Garoj	<i>Mastacembelus spp</i>	Local	Large elongated fish without pelvic fin, dorsal fins are long & connected with caudal fin	Nullah Aik	Available	Available	Own & Commercial use	Used as food as source of protein	-	55%
Sol	<i>Channa marulius</i>	Local	Snakehead fish, Air Breathing Fish	Nullah Aik	Available	Available	Own & Commercial use	Used as food as source of protein	-	55%
Mooree	<i>Channa orientalis</i>	Local	Snakehead fish, Air Breathing Fish	Nullah Aik	Available	Available	Own & Commercial use	Used as food as source of protein	-	55%
Bharata	<i>Labeo dyocheilus</i>	Local	Have long Barbels, Scaleless body, Chisel shaped head, Cat fish	Nullah Aik	Available	Available	Own & Commercial use	Used as food as source of protein	-	55%

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
SI.No	Local Name	Scientific Name	Variety	Importance	Trends
1	Water Hyacinth, Floating Weed	<i>Eichornia spp.</i>	Invasive	Can be used to make compost, Mulching & to Clean Sewage	Free Floating Weed
2	Arra, Bagu	<i>Chara spp.</i>	Local	-	Marginal

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb,Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape/Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/own use	Community/ Knowledge Holder
					Past	Present					
Tree	Amla	<i>Emblica officinalis</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-
Tree	Krangal	<i>Cassia fistula</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Pod	-	-
Tree	Jamun	<i>Syzygium cumni</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-
Tree	Ber	<i>Ziziphus jujuba</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-
Tree	Kikar	<i>Acacia nilotica</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Bark & Pods	-	-
Tree	Dhrenk	<i>Melia azedarach</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Seeds & Leaves	-	-
Tree	Neem	<i>Azadirachata indica</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Leaves	-	-
Grass	Doob grass	<i>Cynadon dactylon</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Leaves	-	-
Shurb	Dhatura	<i>Datura stramonium</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Fruit	-	-
Shurb	Arnid	<i>Ricinus communis</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Oil	-	-
Climber	Giloe	<i>Tinospora cordifolia</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Stem	-	-
Shurb	Bana	<i>Vitex negundo</i>		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Leaves	-	-

Format 23: Wild relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape/ Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community/ Know holder
				Past	Present					
NIL										

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
Lal Gandila	<i>Nerium oleander</i>	Shrub	Farm land	-	-	-	-
Kaneer	<i>Thevetia peruviana</i>	Tree	Farm land	-	-	-	-
Bougainvillea	<i>Bougainvillea glabra</i>	Shrub	Farm land	-	-	-	-
Gulmohar	<i>Delonix regia</i>	Tree	Farm land	-	-	-	-
Krangal	<i>Cassia fistula</i>	Tree	Farm land	-	-	-	-
Karal	<i>Bauhinia purpurea</i>	Tree	Farm land	-	-	-	-

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb,Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (Usage)	Part used	Associated TK	Other details(mode of use)	Community /Knowledge holder
					Past	Present					
Herb	Pudina	<i>Mentha arvensis</i>		Farm lands	Good	Abundant	Spice	Leaves			
Herb	Buch	<i>Acrous calmus</i>		Farm lands	Good	Good	Medicinal	Roots			
Herb	Haldi	<i>Corcuma domestica</i>		Farm lands	Good	Abundant	Spice	Roots			
Herb	Ginger	<i>Zingiber officinale</i>		Farm lands	Good	Abundant	Spice	Roots			
Herb	Methi	<i>Trigonella foenum</i>		Farm lands	Good	Abundant	Spice	Seeds			
Grass	Citronella	<i>Cymbopogon nardus</i>		Farm lands	Good	good	Spice	Leaves			
Herb	Horioh	<i>Brassica campestris</i>		Farm lands	Good	Abundant	Spice	Seeds			

Format 26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses ,if any	Associated TK	Other Details	Community /Knowledge holder
			Past	Present				
Shisham	<i>Dalbergia sisoo</i>	Farmlands	Good	Good	Commercial/ own use	Timber/ Firewood	-	-
Ber	<i>Ziziphus jujuba</i>	Farmlands	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Safeda	<i>Eucalyptus tereticornis</i>	Farmlands	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Aam	<i>Mangifera indica</i>	Farmlands	Good	Good	Commercial/ own use	Timber/ Firewood	-	-
Kikar	<i>Acacia nilotica</i>	Farmlands	Good	Good	Commercial/ own use	Timber/ Firewood	-	-
Dherenk	<i>Melia azadirach</i>	Farmlands	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Tut	<i>Morus alba</i>	Farmlands	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Jamun	<i>Syzygium cumini</i>	Farmlands	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Dhaman	<i>Grewia optiva</i>	Farmlands	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Simbal	<i>Bombax ceiba</i>	Farmlands	Good	Good	Commercial/ own use	Timber/ Firewood	-	-

Format 27 A: Coastal and Marine Flora

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Part collected	Commercial uses (if any)	Other Uses	Associated TK	Community Knowledge Holder
				Past	Present					
NIL										

Format 27 B: Coastal and Marine Fauna

1	2	3	4	5	6	7	8	9	10	
Animal Type	Local Name	Scientific Name	Habitat	Local status		Part collected (if any)	Commercial uses (if any)	Other Uses	Associated TK	Community Knowledge Holder
				Past	Present					

NIL

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

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local status		Uses ,if any	Associated TK	Other Details	Community Knowledge Holder	Community/ Knowledge Holder
						Past	Present					
Wild Animal	Squirrels	<i>Sciuridae spp.</i>	Farmland	-	-	Good	Good	-	-	-	-	
Wild Animal	Pig	<i>Suidae spp.</i>	Farmland		-	Good	Good	-	-	-	-	
Wild Animal	Jackal	<i>Canis aureus</i>	Farmland	-		Good	Good	-	-	-	-	
Wild Animal	Rose ringed parakeet	<i>Psittaculidae spp.</i>	Farmland	-	-	Good	Good	-	-	-	-	
Wild Animal	Mongoose	<i>Herpestes spp.</i>	Farmland	-	-	Good	Good	-	-	-	-	
Wild Animal	Sparow	<i>Passer domesticus</i>	Farmland	-	-	Good	Good	-	-	-	-	
Wild Animal	Crow	<i>Corvus splendens</i>	Farmland	-	-	Good	Good	-	-	-	-	
Wild Animal	Pigeon	<i>Columba livia</i>	Farmland	-	-	Good	Good	-	-	-	-	
Wild Animal	Bee	<i>Apis cerana indica</i>	Farmland	-	-	Good	Good	-	-	-	-	
Wild Animal	Butterfly	<i>Rhopalocera spp.</i>	Farmland	-	-	Good	Good	-	-	-	-	
Wild Animal	Frog	<i>Anura spp.</i>	Farmland	-		Good	Good	-	-	-	-	

Format 29: Flora				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.)
1	Kikar	<i>Acacia nilotica</i>	Broad leaved	Sub-tropical	Summer	Common
2	Mango	<i>Mangifera indica</i>	Broad leaved	Sub-tropical	Summer	Common
3	Safeda	<i>Eucalyptus spp.</i>	Broad leaved	Sub-tropical	Summer	Common
4	Sree	<i>Albizia lebbek</i>	Broad leaved	Sub-tropical	Summer	Common
5	Talli	<i>Dalbergia sissoo</i>	Broad leaved	Sub-tropical	Summer	Common
8	Jammun	<i>Syzigium cumini</i>	Broad leaved	Sub-tropical	Summer	Common

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.)
1	Cow	<i>Bos taurus</i>	mammals	Terrestrial	Common
2	Buffalow	<i>Babalus bubalis</i>	mammals	Terrestrial	Common
3	Sheep	<i>Ovis aries</i>	mammals	Terrestrial	Common
4	Goat	<i>Capra aegagrus</i>	mammals	Terrestrial	Common
5	Sparow	<i>Passer domesticus</i>	Birds	Terrestrial	Common
6	Crow	<i>Corvus splendens</i>	Birds	Terrestrial	Common
7	Pigon	<i>Columba livia</i>	Birds	Terrestrial	Common
8	Peacock	<i>Pavo cristatus</i>	Birds	Terrestrial	Common
9	Ant	<i>Tapioma sessile</i>	insects	Terrestrial	Common
10	Bee	<i>Apis crana indica</i>	insects	Terrestrial	Common
11	Butterfly	<i>Rhopalocera spp.</i>	insects	Terrestrial	Common
12	Mosquito	<i>Culicade spp.</i>	insects	Terrestrial	Common
13	Cater pillar	<i>Danaus plexippus</i>	Aquatic Animals	Terrestrial	Common
14	Frog	<i>Anura spp.</i>	Aquatic Animals	Aquatic	Common

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks
1	Ram Lahaya s/o Lt. Kartar Chand, Address - Chakra	Mushroom - High quantity
2	Darshan Lal s/o Gian chand , Address - Chakra	