Peoples' Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Bandral khurd
Taluk/Tehsil: Akhnoor
District: Jammu
State/UT: Jammu And Kashmir
Geographical Area of the pancahayt Samiti:
Population Of the Panchayat samitiTotal 1050
Male = 60%
Habitat and Topography: Hilly
Climate (Rainfall, Temperature and other weather patterns):
Land Use (Nine fold classification available with village records): Farming
Date, Month and Year of PBR preparation: 16/02/2021

Annexure 1

Detail of Biodiversity Management Committee (BMC) of the Panchayats of Block Akhnoor

S.no	Block	Panchayat	Name of the Elected Chairperson	Name of the Members	Age	Gender	Address	Area of Specialization
1	AKHNOOR	Bandral Khurd	Som Nath		69	Male	R/o Bandral Khurd	Farming
				Rachna Devi	27	Female	R/o Bandral Khurd	Housewife
				Sunita Devi	35	Female	R/o Bandral Khurd	Housewife
				Thoru Ram	58	Male	R/o Bandral Khurd	Labour farming
				Suraj Parkash	33	Male	R/o Bandral Khurd	Labour farming
				Joginder Sharma	45	Male	R/o Bandral Khurd	Labour farming
				Arjun Sharma	21	Male	R/o Bandral Khurd	Private job

Annexure 2	Anne	xure	2
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List of Vaid/Hakims and Traditional health care (human and livestock) practitioners residing and or using biological resources occuring with in the jurisdication of the village

S.no	Block	Panchayat	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
			Bodh Raj		Male					
			Thoru Ram		Male					
			Jagdish raj		Male					

Anno	exure 3											
List of individuals preceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries and forestry												
a	ъ.						Area of Specia	alization				
S.no	Block	Panchayat	Name	Age	Gender	Address	Agriculture	Fisheries	Forestry			
1	Akhnoor	Bandral Khurd	Sham Lal S/o Chucha Ram	52 yrs	Male	R/o Bandral Khud P/o Dhanna Dhannu	Agriculture	_	_			
				•				•	•			

exure 4
ils of schools, colleges, departments, universities, government institutions, non-governmental organization and indiv ved in the preparation of the PBR
ontact Person: Sam Nath
me and Address: R/o Bandral Khurd
ontact Person: Rachan Devi
me and Address: R/o Bandral Khurd
ay add names of more institutions/NGO/Individuals etc, if necessary

Annexur	e 5				
	access to biological resources and of their sharing	d traditional knowledge grante	d, details of the collection f	ee imposed and deta	ails of the benefit derived and

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
	Cucumber, Mango, Lemon (Citrus plants)				
	Horticulture dept : 20 plant				

Format 1 Crop Plants

S.No	Crop	Scientfic Name	Local	Description of	Lanuscape /	Approx. Area	Local	status	Special features	Uses	Associated TK	Other details	Cropping	Source of	Commununi ty / Known.
5.110	Стор	Scientific (Vallic	Name	the variety	Habitat	sown(ha)	Past	Present	Special leatures	USCS	Associated TK	Other details	Season	Seeds / Plants	Holder
		Zea mays		Dekalb double			Rare	Plenty	Tall, high yielding with yellow in colour)	Food & Fodder					
				K-517			Plenty	Rare		1 50001	Provides energy	-	Kharif (May to October)	Farmers / Department/ Private Suppliers	
1	Maize		Maka	Ujala	Sub tropical / Upland		Normal	Plenty	Average tall with yellow in colour	Food &					Farmers
		Zea mays		K-612			Plenty	Normal	, your war dereur	Fodder					
				Pro Agro-4794			Plenty	Normal	Tall, high yielding with yellow in colour)						
3 Mash	Mash	Vigna mungo Mh	Mhaa	PU-19	Warm / Humid Sub tropical		Normal	Normal	High yielding	Food	Source of Vegetable Protein	-	Summer/	Farmers / Department/	Farmers
				Utra	region		Normal	Normal	Variety		vegetable 110telli		Kharif	Privaate Suppliers	
		Pennisetum	.	Local Variety	Warm / Humid		Normal	Normal	Tall & low	Food &			Kharif	Farmers / Department/	
3	Bajra	Pennisetum americanum	Bajra	MHB-110	Sandy loam Soil	climate under	Normal	Normal	Yielding variety	Fodder	Source of Energy	-	(May to October)	Private Suppliers	Farmers
4	Wheat	Triticum aestivum	Kanak	HD2967,PBW64 4	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/ Privaate Suppliers	Farmers

5	Peas	Pisum sativum	Matar	Rachna	Cool & dry	Normal	Normal	Early maturing &High yielding	Food	Source of Protein/Energy	Used as Vegetable	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
6	Onion	Allium cepa	Gamd	nasik Red. Red Coral, Monsanto And Local Spp.	local Planee areas	Abundant	Abundant	Bulbs Cash Crop	Vegetab gles	Vegetable	Staple Vegetable food	Rabi	Farmers / Department/ Privaate Suppliers	
7	Mustard	Brassica juncea/ Brassica comprestris	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/ Privaate Suppliers	Farmers
8	Potato	Solanum tuberosum	Aalo	Kufri Sindhuri,Kufri Badsha, local	Potato is an herbaceous annual, requirs 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,chip s etc	-	High carbohydrate,provi de high n energy value	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
9	Sugarcane	Saccharum officinarum	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
10	Chilli	Capsicum spp	Mirchi	Pusa Jawala, CH-1	Tropica/sub tropicall vegetable,grows well warm humid conditions	Abundant	Abundant	Pungency and flavor	Used as spice ,medicin al value	-	Contains good ammount of vitamin A&C	winter season	Farmers / Department/ Privaate Suppliers	Farmers

11	Tomato	Solanum lycopersicum	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 ,sala d, soup,Souce	rich source of Ascorbic acid	Tomatoes are also packed with vitamins A and C, calcium, potassium.	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
12	Okra	Abelmoschus esculentus	Bindi	Varsha uphar, Arka Anamika	Tropica/sub tropical vegetable Hot and humid climate	Abundant	Abundant	Tender green fruit used as vegetable	Mainly vegetable	Source of Fiber	Contains dietary fibers,protein and carbohydrates	Summer/ Kharif	Farmers / Department/ Privaate Suppliers	Farmers
13	Cucumber	Cucumis sativus	Kheera	Kheera local, JL	Grows in all climatoic conditions,Tropic al,Sub tropical &temprate	Abundant	Abundant	Limbing annual bearing elongated thick cylindrical fruit	Mainly used as salad	-	It also used asantipyretic and causing cooling effect	Summer/ Kharif	Farmers / Department/ Privaate Suppliers	Farmers
14	Bottle gourd	Lagenaria siceraria	Lokki	PSPL/Punjab Long	Summer &rainy season crop	Abundant	Abundant	Vines vigrous, profusly branched	Subzis, curries and gravies.	-	It also contains essential vitamins and minerals	Summer/ kharif	Farmers / Department/ Privaate Suppliers	Farmers
15	Bitter gourd	Momordica charantia	karela	Pusa Domausmi/Kund an	Warm and Humid climate	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

16	Beans	Phaseolus Spp.	Phaliya	Contender	Cool weather crop/Sandy/loam y soil	Abundant	Abundant	Tender green pods are used as vegetable	Mainly vegetable	Source of energy in the shape of Gur/Sugar	High vale protein,VitamineB 1,B2, B6 and Manganese	Summer season	Farmers / Department/ Privaate Suppliers	Farmers
17	Cabbage	Brassica oleracae var.capitata	Band gobi	Golden Acre,Pride of India,Green Flesh	Both sub tropical &intermediate	Abundant	Abundant	Round head withlight to dark green colour	Head Mainly used as vegetable,sala d	-	Also good sourse of protein,carbohydrat e,phasphorus& iron	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
18	Knol khol	Brassica oleracae var.gongyloides	Kadam	White vienna,Purple vienna	cool &moist climate/sub tropical	Abundant	Abundant	Swollen stem ,grren/purple with long and broad leaves	Swollen stem and leaves are consumed as vegetable	-	-	Rabi	Farmers / Department/ Privaate Suppliers	Farmers
19	Spinach	Beta vulgaris	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils	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
20	Radish	Raphanus sativus	Mulli	Japanes White ,Koren Etc	Cool season Crop, thrives well on well drained Sandy loam soils	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

Turnip Brassica rapa Gunglu /Shalgam PTWG/Local Cool &moist climate/sub tropical&interme dite Abundant Abundant Abundant Modified Root is eatable Root is used as Vegetable ,Sal ad,.

						Forn	nat 2: Fruit Plants					
1	2	3	4	5		6	7	8	9	10	11	12
Plant	Scientific Name	Local Nama	Variety	Landscape /	Loc	al Status	Source of Seeds/Plants	Season of	Associated TK	Uses	Other details	Community /
Plant	Scientific Name	Locai Name	variety	Habitat	Past	Present	Source of Seeds/Flants	Fruiting	Associated 1 K	Uses	market / own use	Knowledge holder
Citrus fruits	Citrus spp.	Gurgul, kim, nimboo										
Mango	Mangifera indica	Aam										

						Format	03 Fodo	der Crop					
1	2	3	4	5		6	7	8	9	10	11	12	13
S. No.	Plant	Scientific Name	Local Name	Habit	Area (Approx.) Rabi/	Landscape/ Habitat	Local	Status	Part Used	Associated TK	Other details(mode of	Sources of Seeds and Plants	Community Kn. Holders
					Kharif		Past	Present			use)	Plants	
1	Maize	Zea mays	Makki	Annual		Warm & humid	Abundant	Abundant	Above ground part of plant	Source of energy	Food & fodder		Farmers
2	Bajra	Penniselium americanum	Bajra	Annual		Warm & humid	Abundant	Normal	Above ground part of plant	Source of energy	Food & fodder	Farmers / Department/	Farmers
3	Cowpea	Vigna unguiculata	Pongi	Annual		Warm & humid	Abundant	Normal	Above ground part of plant	Kharif Legume with high protein	Fodder	Private Suppliers	Farmers
4													
5													

Format 04 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/	Local	Status	Uses if any	Management	Associated	Other details	Community
						Habitat	Past	Present		options	TK		Kn. Holders
1	Pig Weed	Amaranthus virdis	Jangli Choulai	Rice, Maize & sugarcane	Annual herb	Agri. Land	Abundant	Abundant	Eaten as boiled green veg	Physical, Mechanical, Chemical	Rich Source of protein & amino acid	Also Used as medicinal herb	Farmers
2	Lamb's quarters	Chenopodium album	Bathua/ Kanah/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, Phosporous & potash	Annual feed & fermentation of Beverages	Farmers
3	Nut Grass	Cyprus rotundus	Dilla/Motha	Paddy,maize,s ugarcane, vegetable	Perennial	Agri. & Non Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers
4	Barnyard Grass	Echinochloa crusgalli	Swank	Paddy	Annual	Agri. Land	Abundant	Abundant	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Nil	Farmers

5	Carrot grass	Parthenum hysterophorus	Congress Grass	Gardens & sugarcane ratoon crops & other crops	Annual	Agri. Land	Abundant	Abundant	Nil	Physical, Mechanical, Chemical	Abnoxious weed difficult to manage		Farmers
6	Bur Clover	Medicago denticulata	Maina	Wheat Grass Peas	Perennial herbaceous legume	Agri. Land	Normal	Normal	Fodder,vegeta ble & green manure	Mechanical, Chemical	Nil	Improves Soil fertility	Farmers
7	Canary Grass	Phalaris minor	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	Lathyrus aphaca	Matri	Wheat Grass Peas, mustard	annual	Agri. Land	Normal	Normal	Fodder	Mechanical, Chemical	Nil	Agri. Land	Farmers
9	Canada Thistle	Cirsuim arvense	Leh	Wheat gram, Barley	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers
10	Bang	Cannabis indica	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers

11	Nilibuti	Ageraitum spp.	Nilibuti	Rabi Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. & wasteLand	Farmers
12	Dub Grass	Cynodon dactylon	Dub Grass	Rabi/ Kharif	Perennial	Agri. & wasteLand	Abudant	Abudant	Fooder	Mechanical, Chemical	Nil	Agri. & wasteLand	Farmers

					Format 05: Pests	s 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 Kn. Holders
1	Mustard aphid	Lipaphis erysimi	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	Microtermis obesi	Telle	Chewing & bitting	Wheat & other crops	Nov-May	Cultural & Chemical measures	-	Major threat to unirrigated crops	Farmers
3	Blister beetle	Mylabris spp.	Ghori	Chewing & bitting	Attacks Maize, Bhindi & Pulses	June-Oct	Mechanical& Chemical measures	-	Insectivorous feed on grasshopper	Farmers
4	Cereal leaf Beetle	Oulma melanopus		Chewing & bitting	Attacks Maize	Aug-Sep	Chemical measures	-	Most recent occurrence	Farmers
5	Red Pumpkin Beetle	Raphidopalpa foveicellis	Lal Kaddu Beetle	Chewing & bitting	Cucurbits	March-Oct	Chemical measures	-	Most common in fields of Cucurbits	Farmers

6	Cucurbits fruit fly	Bactrocera cucurbitae	Melon fly	Chewing & bitting	Attacks Pumpkin, cucumber & gourds	Throughout the year	Mechanical & Chemical, Pheronon trap	-	Danger to all cucumber crops	Farmers
7	Maize stem Borer	Chilo partellus	Sundi /Tana- shedak	Chewing & bitting	Attacks Maize, sorghum , Bajra & sugarcane	July to sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants	Farmers
8	Grasshopper	Hieroglyphus nigropletus	Tidi	Maize and Paddy	Maize, Paddy, Jojr Bajra	July to sept	Mechanical& Chemical measures	-	Eats leaves	Farmers
9	Rice Gandi Bug	Leptocorzia varcornis	Gandi Bug	Paddy	Paddy at miliking stage	July to Oct.	Mechanical& Chemical measures	-	Pierce the grains at miliking stage	Farmers
10	Army worm	Spodoptera frugiperda	Caterpiller	All Crops	Defoliaties Major crops	Through the year	Mechanical& Chemical measures	-	Defoliates all crops	Farmers
11	Leaf Floder	Cnaphalocrocis meddialis	Ctter Pillers	Feeds on leavs abd stem	Attacts on Paddy Leaves	June to Oct.	Mechanical& Chemical measures	-	Major threats	Farmers

12	Stem Borer	Tryporza incrtules	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	Agrotis ipsilon	Ludi	Cuts stem and leaves	Wheat sorguham maize and other	Throughout the year	Mechanical& Chemical measures	-	Major threats	Farmers
14	White Fly	Aleyrodidae		Suks the shap of plants	Sobin Bhindi and all pulses crops	April to Oct.	Chemical measures	-	Major threats	Farmers
15	Field rats	Ratus meltada	Chouha	Nocturnal in habit	Attacks all crops	Throughout the year	Mechanical& Chemical measures	-	Lives in burrows opening hidden in bushes	Farmers
16	Monkey	Rhesus macaque	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 l	Domesticated ani	mals			
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

THERE IS NO ORGANISED MARKET IN THE MUNICIPALITY FOR ANY OF THE SPECIES OF ANIMALS LISTED IN FORMAT 15

				Form	at 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
					Check Dam	Check Dam				
				Paddy (June to ending	Nallah Bank Erosion Structure (Protective Banks)	Nallah Bank Erosion Structure (Protective Banks)				
Hindu,Muslim, Sikh,Christian	Government Services, private services, Agricultu re, Live stock etc	Labourers	Plain and Hilly	July),Maize (April to ending may),Wheat (Oct to Nov),Mustard (Sep/Oct)	Concrete Channel	Concrete Channel	General cast/Scheduled Cast/Scheduled tribes		Farmers,Labou rers	256
					Lined Channel	Lined Channel				
					Water Harvesting Structures	Water Harvesting Structures				

Farming > Labourers > Private > Govt (1%)

Format 8: Landscape

	1		2	3	4	5	6	7	8	9	10	11	12
Major	Landsca	apes										_	
Agricultural land	Pond	Fallow Land	Sub - Landscapes	Features and approx. Area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Plains & Kandi areas		areas	Plains	hilly as wellas	Forest land,Private ,st ate lands,	Broad leaved mainly	Domestic animals, wildlife such as porcupine, jackal etc.	Public,as well as pvt,and Govt also		Plantation and agriculture			
			Hillocks	plain terrain with gentle slope	Forest land,Private ,st ate lands,	Broad leaved	Domestic animals, wildlife such as porcupine, jackal etc.	Public,as well as pvt,and Govt also		Plantation and agriculture			
Shiw	valik area	as	Hills	Hills with gentle slopes	Forest land,Private ,st ate lands,	Broad leaved	Domestic animals, wildlife such as porcupine, jackal etc.	Public,as well as pvt,and Govt also		Plantation and agriculture			

Format 9: Waterscape	
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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			Forest land and Private land	kamal,Baryan,	Frogs , fishes, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Streams			Forest land and Private land		Frogs , fishes, snakes, snail	Cattles, washing cloths, irrigation, Drinking etc	public					
Dug wells			Phe		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public				1 handpump	
Hand pumps			Phe		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public				3 handpumps but not working	
Bowlis			Private		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public				4 to 5	

Format 10: Soil Type Block Akhnoor Panchayat Ambaran (District Jammu)

S.No.	Soil	Туре	Colour	Features	Soil management	Plants/Crop Suitable	Flora and Fauna	Associated TK	Other Information
1	Sandy Loam	Туре В	Soft Dark	Large particle size, Water drains Rapedily	Add compost,humus, Green Manuring, Decomposed manure etc improves soil quality for better plant growth	Beans, Tomato, Potato, Cucumber, onion, eggplants, carrot, Spinach etc.	Succulants like cacti, Lambs ear, etc.	-	Genrally not suitable for plants which need lot of water
2	Clay Loam	Type A	Light yellow to raddish colour	Small particles size,Texture dense and compact, retains water and nutrition	Provide good drainage, add organic manure in the form of compost or humus	Plants/Crop Suitable	Ornamental Plants/ grasses, plants with evergreen leaves,colourful Berries	-	Soil is good for wild varieties of crops, however drainage is a problem

Format 11: FRUIT TREES DOMESTICATED BIODIVERSITY

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

Pomegranate	Punica granatum	Druni	Ganesh, Kandhari, Local	Tree, Regular Bearing, Shrub	Plains, Mid hills	Rare	Rare	Nurseries, Local Raised, Wild	May - Aug	Fruit, Anardana	Own Use	
Pear	Pyrus spp.	Nakh	Pathar Nakh, China Pear	Tree, Regular Bearing	Plains, mid hills	Rare	Rare	Nurseries	Aug - Sep	Fruit	Own Use	
Peach	Prunus persica	Aaroo	July Elberta, Quetta	Tree, Regular Bearing	Plains, mid hills	Rare	Plenty	Nurseries	Jun - Jul	Fruit	Marketing, Own Use	
Karonda	Carissa carandas	Garnay	Local	Shrub	Hills/ Plains	Rare	Rare	Wild, Local	Jun - Aug	Fruit	Marketing, Own Use	
Papaya	Carica papaya	Papita	Local	Tree	Plains	Rare	Plenty	Nurseries, Localy Raised	Aug - Oct	Fruit	Own Use	

				Format 12:	Medicinal	Plants (H	Ierbs, Shi	rubs, Trees etc	·.)			
1	2	3	4	5	6	,	7	8	9	10	11	12
					0 6	Local	status				04 14 7	G 11.1
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Past	Present	Uses (usage)	Part used	Associated TK	Other details market/own	Community/ Know.
Herbs	Dudlu	Taraxacum officinale		Temperate area	Root	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Herbs	Tarad	Dioscorea belophylla		Lower shiwalik	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Herbs	Jungli putna	Mentha arvensis		Lower shiwalik/Temperate area	Root	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	brankad	Adhatoda vesica		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Shrubs	Dussa	Colebrookia oppositifolia		Lower shiwalik	Seed	Rare	Rare	nil	Flower	N.A	N.A	Generally, held by community
Shrubs	Thor/Shuu	Euphorbia royleana		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bhang	Canabis sativa		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Tree	Amla	Phyllanthus emblica		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Flower	N.A	N.A	Generally, held by community
Tree	Bair	Ziziphus xylocarpa		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Bheda	Terminalia bellerica		Lower shiwalik	Seed	Rare	Abundant	nil	Fruit	N.A	N.A	Generally, held by community

Tree	Bill-Patre	Aegle marmelos	Sub-Tropical area	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Tree	Harad	Terminalia chebula	Lower shiwalik	Seed	Abundant	Abundant	Good for digestion	Leaves/ Flower	N.A	N.A	Generally, held by community
Tree	Jaman	Syzygium cumini	Lower shiwalik	Seed	Abundant	Abundant	maintains sugar level in human body	Leaves/ Flower	N.A	N.A	Generally, held by community
Tree	Karal	Bauhinia variegata	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Flower	N.A	N.A	Generally, held by community
Tree	Khair	Acacia catechu	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Stem	N.A	N.A	Generally, held by community
Tree	Kringal	Casia fistula	Lower shiwalik	Seed	Abundant	Abundant	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Lasuda	Cordia dichotoma	Lower shiwalik	Seed	Rare	Abundant	nil	Leaves/ Fruit	N.A	N.A	Generally, held by community
Tree	Mango	Mangifera indica	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem/ Fruit	N.A	N.A	Generally, held by community
Tree	Retha	Sapindus mukorossii	Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Rumbal	Ficus racemosa	Lower shiwalik	Seed	Rare	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Sree	Albizia lebbeck	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Stem	N.A	N.A	Generally, held by community
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Trimbal	Ficus auriculata	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Fruit	N.A	N.A	Generally, held by community
Tree	Tuni	Toona ciliata	Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Arjun	Terminalia arjuna	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Bark	N.A	N.A	Generally, held by community
Tree	Neem	Azadiracta indica	Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Bark	N.A	N.A	Generally, held by community

			Forma	nt 13: Ornamental Pla	nts/ Trees/Climber	s 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	kringal	Casia fistula		Flower Fruit	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Gandera	Nerium oleander		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Thumb	Erythrina indica		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Tree	Badah	Salix alba		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community
Climber	Kareer	Rosa acicularis		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community

Format 14: Timber Plants / Trees

1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat		status	Wild/ home- garden	Other uses	Associated TK	Other details	Community/ Know.
				Past	Present		(multi)			holder
Trees	Kiker	Acacia nilotica	Lower shiwalik	Rare	Rare	Wild	own	nil	nil	Generally, held by community
Trees	Mango	Mangifera indica	Lower shiwalik	Abundant	Abundant	Wild/ home- garden	own	nil	nil	Generally, held by community
Trees	Safeda	Eucalyptus spp.	Lower shiwalik	Rare	Abundant	Wild	commercial	nil	nil	Generally, held by community
Trees	Sree	Albizia lebbeck	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Talli	Dalbergia sissoo	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Tuni	Toona ciliata	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	chir	Pinus roxburhii	Lower shiwalik	Rare	Rare	Wild	own	nil	nil	Generally, held by community
Trees	Jammun	Syzygium cumini	Lower shiwalik	Rare	Abundant	Wild	own	nil	nil	Generally, held by community

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal	Local Name	Scientific Name	Breed (local/	Features	Method of keeping	Loc stat		Uses	Associated	Commercial	Other details including	Community Know.
Туре			hybrid)			Past	Present		TK	rearing	products and services	Holders
	Gau	Bos indicus	ND	Low yield	stall feeding	Abundant	Decrease	Dairy	Nil	No	Milk	All
Cattle	Jersy Gau	Bos taurus	CB Jersy	Dished face	stall feeding / semi intensive	Very few	Increase	Dairy	Nil	yes	Milk	All
	Amrecan Gau	Bos taurus	CB HF	Black and white spot	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
Buffalo	Manj	Bubalus bubalis	Local	Low yield	stall feeding	Abundant	Decreased	Dairy	Nil	No	Milk	All
Horse	ghoda	Equus caballus	Local	Red color body	Backyard	Abundant	Decrease	Pack/ Cart	Nil	No	Pack/ Cart	All
	Kukkar	Galus domesticus	Local	Enriched meat flavor	Backyard	Abundant	Decrease	Egg ,meat	Nil	No	Egg ,meat	All
Poultry	Chakore	Alectoris chukar	Local	black and white stripes ,beak is short, strong, and orange in color	Backyard	few	Decrease	Egg,meat	Nil	Yes	Egg, Meat	All

	Parrot	Psittaciformes	Local	parrot green in colour with red beak	Backyard	few	Decrease	decorative	Nil	No	Nil	All
	Pigeon	Columbidae spp.	Local	white color, fast growing	Backyard	few	Decrease	decorative	Nil	No	nil	All
Dog	Kutta	Canis familaries	Local	Nil	Pet ,Stray	Abundant	Abundant	Nil	Nil	No	Nil	All / stray
Cat	Billi	Felis catus	Local	Grey /white color	Pet ,Stray	Abundant	Abundant	pet	Nil	No	Nil	All / stray
Rabbit	Khargosh	Oryctolagus cuniculus	White gaint	white	Pet ,wild	few	few	Pet	Nil	No	Nil	All / wild
Pig	Suar	Sus scrofa domesticus	Yorkshir e cross	white	Domesticated	few	Increased	Meat	Nil	Yes	Nil	Sikh /Chrisitians/SCc ommunity

Format 16: Culture Fisheries

1	2	3	4	5	6	,	7	8	9	10	11	12
	Local	Scientific			Waterscape	Local	status			Commercial	Other	Community
Fish Type	name	Name	Variety	Features	(Pond/bheri/ talao)	Past	Present	Uses	Associated TK	rearing	details	Know. Holders
	Rohu	Labeo rohita	Indian Major Carp	Large Silver coloured fish, arched head	Pond	Available	Availabe	Own & Commercial use	Use as food as a good source of protein	Yes	-	20%
	Catla	Catla catla	Indian Major Carp	large & broad head,grey scales,protruding lower jaw	Pond	Available	Availabe	Own & Commercial use	Use as food as a good source of protein	Yes	-	20%
Carp	Mrigal	Cirrhinus mrigala	Indian Major Carp	cycloid scales, mouth broad ,pharyngel teeth in 3 rows	Pond	Available	Availabe	Own & Commercial use	Use as food as a good source of protein	Yes	-	20%
	Common Carp	Cyprinus Carpio	Exortic Carp	Have long dorsal fin,have small barbels,mouth opens in an accordion like fashion	Pond	Available	Availabe	Own & Commercial use	Use as food as a good source of protein	Yes	-	20%

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

Mode of Catching Fish:-Drag net, Cast net

Time of Availability:- Through out the year

Breeding Time:-a)Commom Carp-March & December

b) Rohu, Catla, Mrigal:-June & July

Feed:- Ingridents include rice bran, wheat bran, Crushed Maize, Soyabeen, Mustard oil cake.

Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products 1 2 3 4 5 6 7 8 9 Weekly / Fortnightly & Others Name of the Number of animals Places to where the Day held | Month incase of bi-annual or annual market fair Types of animal bought and sold Places from where the animals are arrived Weekly Market / Location (average) transacted in a animals are Fair Bi-annual / Annual transported day Nil Nil Nil Nil Nil Nil Nil Nil 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	Loc Past	al status Present	Commercial/own use	Part collected	Associated TK	Other details	Community Knowledge Holder
Tree	Shisham	Dalbergia sissoo	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Stem, Timber	-	-	-
Tree	Khair	Acacia catechu	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	Katha	-	-
Tree	Amla	Emblica officinalis	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Fruit	Food processing	-	-
Tree	Siris	Albizia lebbeck	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial own use	Timber/ Firewood	-	-	-
Tree	Chir	Pinus roxburghii	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	Resin	-	-
Tree	Lecunia	Leucaena lencocephala	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Simbal	Bombax cebia	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Kamila	Mallotus philippensis	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial /own use	Timber/ Firewood	-	-	-
Tree	Krangal	Cassia fistula	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Tree	Ber	Ziziphus jujuba	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial /own use	Fruit	-	-	-

Tree	Plash	Butea monosperma	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Arjun	Terminalia arjuna	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Jamun	Syzgium cumini	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Shrub	Santha	Dodonaea viscosa	Shrubs	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Amb	Mangifera indica	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Fruit	-	-	-
Tree	Kiker	Acacia nilotoca	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Safeda	Eucalyptus spp.	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Tree	Bel	Aegle marmelos	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Leaves/ Fruit	-	-	-
Tree	kakoa	Flacourtia indica	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Fruit	-	-	-
Grass	Bamboo	Dendrocalamus Strictus	Grass	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Sticks	-	-	-
Herbs	Bhang	Cannabis sativa	herbs	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Leaves	-	-	-
Herb	Jojra	Pupalia lappacea	Shrubs	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	-	-	-	-
Shrub	Garna	Carissa spinarum	Shrubs	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Fruit	-	-	-
Shrub	Panjphuli	Lantana camara	Shrubs	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	-	-	-	-

Shrub	Gandila	Nerium indicum	Shrubs	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Flower	-	-	-
Shrub	Pansar	Wemdlandia heynei	Shrubs	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	-	-	-	-
Herbs	congress Grass	Parthenium hysterophrous	herbs	Northern/ Sub- Tropical	Good	Moderate	l	_	-	-	-
Tree	Badh	Ficus benghalensis	Tree	Northern/ Sub- Tropical	Good	Moderate	ı		-	-	-
Tree	Phulai	Acacia modesta	Tree	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Timber/ Firewood	-	-	-
Climber	Tarad	Dioscorea belophylla	Climber	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Roots			
Climber	Jungli bitter melon	Momordica charantia	Climber	Northern/ Sub- Tropical	Good	Moderate	Commercial/own use	Fruit			
Climber	Purple yam	Diascorea alata	Climber	Northern/ Sub- Tropical	Good	Moderate	-				
Climber	Striped cucumber	Diplocyclos palmatus	Climber	Northern/ Sub- Tropical	Good	Moderate	-				

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	Santha	Dodonaea viscosa	Shrub	Firewood	Good
2	Kanner/Lal Gandila	Nerium indicum	Shrub		Good
3	Daduni	Punica grantum	Shrub	Live Hedge fencing	Good
4	Brenker	Adhatoda vasica	Shrub	-	Good
5	Bhang	Cannabis sativa	Herb	Medicinal	Good
6	Aakh	Ipomea carnea	Shrub	Soil binder	Good
7	pansar	Wendlandia heynei	Shrub	Firewood	Good
8	Ambla	Phyllanthus emblica			
9					
10					

				Format 20	: Aquatic	Biodivo	ersity			
1	2	3	4	5	6		7	8	9	10
					Local sta	atus				
Local Name	Scientific Name	Variety	Features	Habitat	Post I	Procent	Uses	Associated TK	Other details	Community/ Knowledge Holders

There is no natural waterbody in this panchayat

Past

Other details may include mode of catching fish, time of availability, breeding time, etc.

Mode of Catching Fish:-By Hook & Line, Castnet, Gillnet

Time of Availability:- Throughout the year

Breeding Time :- During the month of May & June & Monsoon Season

Present

	Format 21: Wild Aquatic Plant Species of Importance											
1	2	3	4	5	6							
S. No.	S. No. Local Name Scientific Name Variety Importance Trends											
	No Aquatic weed found in this panchayat											

1	2	3	4	5		6	7	8	9	10	11
					Loc	al Status				O41	C
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Past	Present	Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
Tree	Arjun	Terminalia arjuna	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark	-	-	
Tree	Amla	Emblica officinalis	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark/ Fruit	-	-	
Tree	Harad	Terminalia chebula	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark/ Fruit	-	-	
Tree	Behra	Terminalia bellirica	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark/ Fruit	-	-	
Tree	Sukchain	Pongamia pinnata	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Bark	-	-	
Tree	Jamun	Syzgium cumini	Tree	Northern/Sub-Tropical	Good	Good	Medicinal	Fruit /seeds	-	-	

Format 23: Wild relatives of Crops

1	2	3	4		5	6	7	8	9	10	
Local	Scientific			Local Status		Uses	Part	Associated	Other details	Community /	
Name	Name	Associated crop	Lanuscape / Habitat	Past Present		(usage)	Used	TK	Other details	Know holder	
Nil	Nil	Nil	Nil		Nil	Nil	Nil	Nil	Nil	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
Gandila	Nerium indicum	Shrub	Northern/ Sub-Tropical	-	-	-	-
Panjtara	Tora spinosa	Shrub	Northern/ Sub- Tropical	-	-	-	-
Bougainvillea	Bougainvillea glabra	Shrub	Northern/ Sub- Tropical	-	-	-	-
Gulmohar	Delonix regia	Tree	Northern/ Sub- Tropical	-	-	-	-

Format 25: Fumigate / Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb, Shrub,	Local	Scientific			Local	Status	Uses		Associated	Other details	Community
Tree)	Name	Name	Variety	Habitat	Past	Present	(usage)	Part used	TK	(mode of use)	knowledge holder
Herb	Pudina	Mentha spp.		Homestead, agricultural land	Abudant	abudant	Spice	leaves			
Tree	curry tree	Murraya koenigli		moist forest and agricultral land	Abudant	abudant	Spice	leaves			
Herb	wild Tulsi	Ocimum sanctum		Moist soil	Abudant	abudant	Medicinal	leaves			
Tree	Neem	Azadirachta indica									

Format26: Timber Plants

1	2	3		4	5	6	7	8
Local Name	Scientific Name	Habitat		l Status	Other Uses ,if any	Associated TK	Other Details	Community
			Past	Present	-			/Knowledge holder
Chir	Pinus roxburghii	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Shisham	Dalbergia sisoo	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Ber	Ziziphus jujuba	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Sagwan	Tectona grandis	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Safeda	Eucalyptus spp.	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Simbal	Bombax ceiba	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Tunu	Toona ciliata	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-
Jamun	Syzygium cumini	Northern/ Sub- Tropical	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-

				-	Format 27	A: Coastal and	Marine Flora					
1	2	3	4		5	6	7	8	9	10		
				Loc	al Status							
Plant Type	Local Name					Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder		
	NIL											

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

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

1	2	3	4	5	6	7		8	9	10	11
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local status		Uses ,if any	Associated TK	Other Details	Community Knowledge Holder
						Past	Present				
Wild Animal	Leopad	Panthera pardus	Northern/ Sub- Tropical	-	Winter	Rare	Rare	1	-	-	1
Wild Animal	Squirrels	Funambulus palmarum	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
Wild Animal	Boar	Sus scofra	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
Wild Animal	Indian Hare	Lepus nigricollis	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
Wild Animal	Monkey	Cercopithecidae	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
Wild Bird	Red jungle fowl	Gallus gallus	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
Wild bird	Rose ringed parakeet	Psittaculidae spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
Wild Animal	Fox	Vulpes spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-

Wild Animal	Porcupine	Erethizon dorsatum	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
wild insects	Grasshooper	Parallelus spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
wild insects	butterfly	Chorthippus brunneus	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
wild insects	bees	Apis mellifera	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
wild insects	ants	Brachymyrmex patagonicus	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
wild insects	Bumble bee	Bombus spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
Amphibia	Frog	Euphlyctis cyanophlyctis	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
Reptiles	Tortoises	Testudines spp.	Northern/ Sub- Tropical	-	-	Good	Good	-	-	-	-
Reptiles	Snake	Natrix spp.	Northern/ Sub- Tropical	-	-	Good	Good	ı	-	-	-
	Bataer										
	Pigad										
	Kroo										
	Mongoose	Herpestidae spp.									

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	Acacia nilotica	Broad leave	sub tropical	summer	Common	
2	Mangoo	Mangifera Indica	Broad leave	sub tropical	summer	Common	
3	Safeda	Eucalyptus spp.	Broad leave	sub tropical	summer	Common	
4	Sree	Albizia lebbeck	Broad leave	sub tropical	summer	Common	
5	Talli	Dalbergia sissoo	Broad leave	sub tropical	summer	Common	
7	Popular	Populus ciliata	Broad leave	sub tropical	summer	Common	
9	Jammun	Syzygium cumuni	Broad leave	sub tropical	summer	Common	

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

Format 30: Fauna

1	2	3	4		6	
S.No	Local Name	Scintific Name	Type of Animals (Mammals /Birds/Fish/Insects etc.)		Remarks(Rare/common etc.	
1	Cow	Bos indicus	Mammals	Terrestrial	Common	
2	Buffalow	Babalus bubalis	Mammals	Terrestrial	Common	
3	Sheep	Ovis aries	Mammals	Terrestrial	Common	
4	Goat	Capra hircus	Mammals	Terrestrial	Common	
5	Sparow	Passer domesticus	Birds	Terrestrial	Common	
6	Crow	Corvous splendens	Birds	Terrestrial	Common	
7	Parrot	Psittaciformes spp.	Birds	Terrestrial	Common	
8	Peacock	Pavo cristatus	Birds	Terrestrial	Rare	
9	Ant	Formicidae	insects	Terrestrial	Common	
10	Bee	Apis spp.	insects	Terrestrial	Common	
11	Butterfly	Rhopalocera	insects	Terrestrial	Common	
12	Mosquito	Aedes spp.	insects	Terrestrial	Common	
13	Caterpillar	Lepidoptera	insects	Terrestrial	Common	
14	Fish		Aquatic Animals	Aquatic	Common	
15	Frog	Anura spp.	Aquatic Animals	Aquatic	Common	
16	Torotise	Testudinidae spp.	Aquatic Animals	Aquatic	Common	
17						

Format 31: Any other information of local importance						
1	2	3				
Sr. No.	Information of local importance	Remarks				
	Neoli	Injury				
	Jungli putna	to cure stomach infection				
	Neem					
	Banakshah	Ayurvedic treatment cough, cold etc.				
	Bana, Brainkad	Cure Fever (Boil Leaves)				
	Galvasi	Cure headache (pain reliever)				
	Amrutash	Cure Cough				
	Raiyan	Cure Arthritis				
	Kamila (Mellatus)	Dye making (oil in seeds)				
	Khair (Katha)	Kaatha (Ayurvedic imp.)				
	Chir	Resins - Silk and medicines				
	Chirathu	Edible seeds, khir making				
	Simbal	Buds edible				

End of Part II