People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti : Nanga
Taluk: Ramgarh
District: Samba
State:J&K UT
Geographical Area of the Panchayat Samiti: 600.2 ha
Population under the Panchayat Samiti: Total 3512
Male: 1812 Female: 1700 Total: 3512
Habitat and Topography: Plains
Climate (Rainfall, Temperature and weather patterns) 38°C in summer &11°C in winter
Land Use (Nine fold classification available with village records): Agriculture
Date, Month and Year of PBR Preparation :13.09.2022
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

lization:Nanga

Biodiversity Management Committee (BMC) of the Panchayat (One electers than one third to be women and not less than 18% belonging to SC/	ted Chairperson and six persons nominated ST)
the Chairperson: Manjeet Singh S/o Sewa Singh	
a	
lization:Nanga	
Geeta Devi W/o Kashmira lal	
a	
lization:Nanga	
Gurmeet kour w/o Harbans Singh	
a	
lization:Nanga	
Pala Ram S/oPukhu Ram	
a	
lization:Nanga	
Rajinder Singh S/o Visham Singh	
а	
lization:Nanga	
Prem Chand S/o Lal Chand	
a	
lization:Nanga	
Manjeet Singh S/o Karpal Singh	
a	

#### Annexure-2

Perception of the practitioner on the resource status:

Medicinal Use:

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 : Kamla Devi D/o Parkash Chand
Age:60
Gender:F
Address: Nanga
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:

### 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: Shiv Ram S/o Shankar Dass
Age: 65
Gender: M
Address: Nanga
Area of specialization:
2) Name Kunti Devi
Age: 50
Gender: Female
Address: Nanga
Area of specialization:
3) Name:
Age:
Gender:
Address:
Area of specialization:
4) Name:
Age:
Gender:
Address:
Area of specialization:

## Annexure 4

	etails of schools, colleges, departments, universities, government institutions, non-governmental rganization and individuals involved in the preparation of the PBR
1)	Contact Person: Tilak Raj S/o Karam Chand 9419333215
	Name and Address: Nanga
2)	Contact Person:
	Name and Address:
3)	Contact Person:
	Name and Address:
4)	Contact Person:
	Name and Address:

### **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

## Format 1: Crop Plants

1	2	3	4	5	6	7	7	8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local	Status	Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge
	rvaine			/ Habitat	SHOWH	Past	Present		season				Seeds/1 lanes	Holder
Rice	Oryza sativa		Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases		Food Fodder Roofing Fuel	Provides more energy	Suitable for "Valicha" cultivation		Kurichiya Kuruma W. Chetty
Potato	Solamum tuberosum	Aalo	Kufri Sindhuri, Kufri Badsha, local			Abundant	Abundant	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Rabi	High carbohydrate,pro vide high n energy value				
Chilli	Capsicum spp	Mirchi	Pusa Jawala, CH-1	Tropica/sub tropicall vegetable,grows well warm humid conditions		Abundant	Abundant	Used as spice ,medicianal value	winter season	Contains good ammount of vitamin A&C				
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.	Rabi	Tomatoes are also packed with vitamins A and C, calcium, potassium.				

Okra	Abelmoschus esculentus	Bindi	Varsha uphar, Arka Anamika	Tropica/sub tropicall vegetablHot and humid climate	Abundant	Abundant	Mainly vegetable	Summer/ Kharif	Contains dieta fibers, protein and carbohydratesry		
Cucumber	Cucumis sativus	Kheera	Kheera local,JL	Grows in all climatoic conditions,Tropi cal,Sub tropical &temprate	Abundant	Abundant	Mainly used as salad	Summer/ Kharif	It also used asantipyretic and causing cooling effect		
Bottle gourd	Lagenaria siceraria	Lokki	PSPL/ Punjab Long	Summer &rainy season crop	Abundant	Abundant	Subzis, curries and gravies.	Summer/ kharif	It also contains essential vitamins and minerals		
Bitter gourd	Momordica charantia	karela	Pusa Domaus mi/Kunda n	Warm and Humid climate	Abundant	Abundant	Vegetable and medicinal value	Summer/ kharif	Used for maitaining low suger level		
Beans	Phaseolus Spp.	Phaliya	Contender	Cool weather crop/Sandy/loam y soil	Abundant	Abundant	Mainly vegetable	Summer season	High vale protein,Vitamine B1,B2 <b6 and<br="">Maganese</b6>		
Cauliflower	Brassica oleracae var.botrytis	Fol gobi	Pusa snow ball,Pusa Katki,loc al Girja	Both sub tropical &intermediate	Abundant	Abundant	Curd Mainly used as vegetable	Rabi	Also good sourse of protein,carbohyd rate,phasphorus & iron		
Cabbage	Brassica oleracae var.capitata	Band gobi	Golden Acre,Prid e of India,Gre en Flesh	Both sub tropical &intermediate	Abundant	Abundant	Head Mainly used as vegetable,salad	Rabi	Also good sourse of protein,carbohyd rate,phasphorus & iron		
Knol khol	Brassica oleracae var.gongyloide s	Kadam	White vienna,Pu rple vienna	cool &moist climate/sub tropical	Abundant	Abundant	Swollen stem and leaves are consumed as vegetable	Rabi	-		

Spanich	Spinacea oleracea	Palak	All Green,De lta	Cool season Crop, thrives well on well drained loam soils	A	Abundant	Abundant	Tender green leaves used as leafy Vegetable	Rabi	Vitamins A and C, fiber, folic acid, and other nutrients				
Radish	Raphanus sativus	Mulli	Japanes White ,K oren Etc	Cool season Crop, thrives well on well drained Sandy loam soils	A	Abundant	Abundant	Modified Roots are used as Vegetabke & Salad	Rabi	Full of vitamin A, C, E, B6, potassium, and other minerals,				
Carrot	Daucus carota	Gajer	Pusa Kesar,loc al	Cool &moist climate/ sub tropical& intermedite	A	Abundant	Abundant	Root is used as Vegetable, Salad, Juice, Sweet Dish, Preserve etc.	Rabi	Good source of carotene, , lutein, and zeaxanthin.Vit A,C,B6,Folic acid				
Turnip	Brassica rapa	Gunglu /Shalgam	PTWG/ Local	Cool &moist climate/sub tropical&interm edite	A	Abundant	Abundant	Root is used as Vegetable ,Salad ,.	Rabi	Good source of Vit.C,Diatry Fiber &Potasium				
			Dekalb double			Rare	Plenty	Tall, high yielding with yellow in colour)						
			K-517	Sub tropical /		Plenty	Rare	Average tall with	Food &			Kharif (May to	Farmers / Department/	
Maize	Zea mays	Maka	Ujala	Upland		Normal	Plenty	yellow in colour	Fodder	Provides energy	-	October)	Privaate	Farmers
			K-612			Plenty	Normal						Suppliers	
			Pro Agro- 4794			Plenty	Normal	Tall, high yielding with yellow in colour)						

### **Format 2: Fruit Plants**

1	2	3	4	5	(	6	7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape /	Local	Status	Source of	Season of	Associated TK Uses	Usos	Other details market /	Community / Knowledge holder
Tiant	Scientific Ivanic	Local Name	varicty	Habitat	Past	Present	Seeds/ Plants	Fruiting		Oscs	own use	
Mango	Mangifera indica	Aam	Desi, Dusheri, Malta	Plains	Plenty	Plenty	Nurseries	Jun-Aug		Fruit, Pickle, Preserves	Marketing, Own Use	Nil
Citrus Fruit	Citrus spp.	Galgal, Nimbu, Santra, Kinnoo etc.	Local Selection, Kagzi Lime etc.	Plains, mid hills	Plenty	Plenty	Nurseries	Through Out Year		Fruit, Pickle, Squashes etc	Marketing, Own Use	
Litchi	Litchi chinensis	Litchi	Culcatta, Dehradun	Plains	Plenty	Plenty	Nurseries	Jul - Aug		Fruit	Marketing	
Guava	Psidium guajava	Amrood	Local, L49 etc.	Plains, Lower Hills	Plenty	Plenty	Nurseries	Jul - Aug		Fruit	Marketing, Own Use	
Grapes	Vitis vinifera	Anjoor	Local Dakh, Perlette	Plains, Mid Hills	Rare	Plenty	Nurseries	Jul - Aug		Fruit		
Papaya	Carica papaya	Papita	Local	Plains	Rare	Plenty	Nurseries, Localy Raised	Aug - Oct		Fruit	Own Use	

	Format 3: Fodder Crops / Species														
1	2	3	4	5	5	6	7	8	9	10					
Plant	Scientific	Local	Landscape /	Local	Status	Source of Plants /	Associated	Part	Other details	Community /					
Fiant	Name	Name	Habitat	Past	Present	Seeds	TK	Used	Other details	Knowledge holder					
Barseem	Trifolium alexandrium	Chhatala	Annual	Abundant	Abundant	Entire Plant		Fodder							
Sorghum	Sorghum spp.	cherri	Annual	Abundant	Abundant	Above ground part of plant		Fodder							
Oats	Avena fatua	Javi	Annual	Abundant	Abundant	Above ground part of plant		rodder							
Maize	Zea mays	Makki	Annual	Abundant	Abundant	Above ground part of plant		Food & fodder							

	Format 4: Weeds														
1	2	3	4	5	6	5	7	8	9	10	11	12			
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape /	Local	Status	Uses if any	Management options	Associated TK	Other details	Community /			
			Î	•	Habitat	Past	Present	v			like exotic	Knowledge holder			
Pig Weed	Amaranthus virdis	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			
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			
Bang	Cannabis indica	Bang	Kharif Crops	Perennial	Agri. & wasteLand	Normal	Normal		Mechanical, Chemical	Nil	Agri. Land	Farmers			

# Format 5: Pests of Crops

			Т	ı					
1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Mango	Insects	Amritous atkinsoni/Drosich a Magiferae	Tella, Mealey Bug	Field/Orchard	Feb-April/Feb Onward	Pesticide Pruning/Pesticide, Basin Making			
Citus	Insects	Paapilio lemoteus/Euodoci na fullonia	Catepillar, Sucking moth	Orchard	April-may & Aug Oct/Maturity stage	Pesticides, other cultural method/Pesticides orchard sanitization			
Mustard aphid	aphid	Lipaphis erysimi	Sucking pest		Dec-March				
Cut worm	Ludi	Agrotis ipsilon			Throughout the year				

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

				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
3022	Agriculture	Animal Husbandry	Agri landscape	Water	Satsifying different needs water	Satisfied	Mix	Average	Average	HHs=623

						Format 8	: Landscape						
	1		2	3	4	5	6	7	8	9	10	11	12
Majo	r Landscap	es	Sub -	Features and	Olin	Committee	Constitution	**	Management	Comment	Associated TK	041 1.4. 9.	Community
Agricultural land	Pond	Fallow land	Landscapes	approx. area	Ownership	General flora	General fauna	User groups	practices	General uses	Associated 1 K	Other details	accessed
Plains & Kandi areas		eas	Plains	Flat sweepng landmass with small change in elevation	Private and State lands.	Broad leaved mainly Tali, Phagari, Beri, Plah, Jamun, Aamb, Amla, Kikar, Bohr, Neem, Bana, Drenk, Jojera, Panjphulai, Khar grass, Dhub grass,	Domestic animals, wildlife such as wild pig, Snakes, jackal, etc.	Public,as well as pvt and Govt also		Aesthetic and scenic beauty in urban areas			
Lower	Lower Shiwalik areas		Sub-mountains or Hillocks	Plain terrain with gentle slope									

# 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			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	-	1	-	-	-
Tube well			Forest land and Private land		Frogs , fishes, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	Public	-	1	-	-	-
Dug wells			Private		Frogs , fishes, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	Public	-	ı	-	-	-
Hand pumps			Private		Frogs , fishes, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	Public	-	1	-	-	-
Bowlis			Private		Frogs , fishes, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	Public	-	-	-	-	-

## Format 10: Soil type

			Ş				
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
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.
2	Clay Loam	Туре А	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

					For	mat 11: Fi	uit Trees					
1	2	3	4	6	7	7	8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Local	Status	Source of	Season of	Uses (usage)	Associated TK	Other details market/own	Community/
J. S. J. P.				Habitat	Past	Present	plant/seeds	Fruiting	(		use	Know. holder
Mango	Aam	Mangifera indica	Desi, Dushari , Malta	Plains	Plenty	Plenty	Nurseries	June- August				
Citrus Fruits	Khatti, Mosambi, santra, Nimbu,	Citrus spp	Local,Kagzi lime, Italian limeHill lemon etc	Plains,mid hills	Plenty	Plenty	Nurseries	Throughout year				
Guava	Amrood	Psidium guajava	Local, Allahabadi, Safaida	Plains lower hills	Plenty	Plenty	Nurseries	June- August				
Grapes	Angoor	Vitis vinifera Michx	Local Dakh perlette	Plains mid hills	Rare	Plenty	Nurseries	June- August				
Aonia	Ambla	Emblica officinalls Syn Phylianthus emblica	local selection NA-7	Plains mid hills	Plenty	Plenty	Nurseries local collection	Nov- Dec.				
Ber	ber	Ziayphus mauritiana lamk	Gola Banarasi	Plains	Plenty	Plenty	local raised	July- August				
Jamun	Jamun	Syzygium cumini	local selection	Plains	Rare	Rare	Nurseries, local raised	July- August				

# 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.
				парнас	piant/seeds	Past	Present				use	Holders
Herbs	Jungli putna	Mentha arvensis		Lower Shiwalik/Tem p crate area	Stem/Seed	Abundant	Abundant	Medicinal	Leaves	N.A	N.A	Generally held by community
Herbs	Bhang	Canabis sativa		Lower Shiwalik	Seed	Abundant	Abundant	Medicinal	Leaves	N.A	N.A	Generally held by community
Aloe vera	Aloe vera	Aloe barbadensis		lower shiwalik		Abundant	Abundant	Antibacterial				
Climber	Giloe	Tinospora cordifolia		lower shiwalik		Good	good					
Tree	Neem	Azadirachata indica		Alluvial plain/Farm lands		Good	good	Medicinal				

## 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	Casia fistla		Seed	Non-Commercial	NA	NA	NA	Genrally held by community
Tree	Bittle brush	Callistemom citrirus		Seed	Non-Commercial	NA	NA	NA	Genrally held by community
Tree	Gandila	Nerium oleander		Seed	Non-Commercial	N.A	N.A	N.A	Generally, held by community

## **Format 14: Timber Plants / Trees**

	1									
1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local	status	Wild/ home- garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
		1 valle		Past	Present	garuen	uses (mater)	110	uctans	Know. notice
Trees	Kiker	Acacia nilotica	Lower shiwalik	Rare	Rare	Wild	Own	Nil	Nil	Generally, held by community
Trees	Mangoo	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	Talli	Dalbergia sissoo	Lower shiwalik	Abundant	Abundant	Wild	Own	Nil	Nil	Generally, held by community
Trees	Popular	Populus ciliata	Lower shiwalik	Rare	Abundant	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	7	8	9	10	11	12
Animal Tyme	Local Name	Scientific	Breed (local/	Features Method of	Method of	Local Status  Method of		Hans	Associated TK	Commercial	Other details including	Community Know.
Animal Type	Local Name	Name	hybrid)	reatures	keeping	Past	Present	Uses	Associated 1K	rearing	products and services	Holders
Goat	Bakri	Copra	Beetal Crosses	Large size, high body wt. mostly black & brown body color	Statonary	Pleny	Rare	Chevon milk, skin, hair and manure	Yes	Some	Chevo, milk skin, hair, bones, hide and gut	Locals
	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	СВ НГ	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
Bullalo	Punjabi Mais	Bubalus bubalis	Murrah /Graded	Black color body	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
Poultry	Parrot	Psittaciformes	Local	parrot green in colour with red beak	Backyard	few	Decrease	decorative	Nil	No	Nil	All
Poultry	Pigeon	Columbidae	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

					Format 10	6: Culture	Fisheries					
1	2	3	4	5	6	7	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 details	Community Know.
					(1)	Past	Present					Holders

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

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

1	2	3	4	5	(	6	7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local	status	Commercial / own	Part collected	Associated TK	Other details	Community
					Past	Present	use				Knowledge Holder
Tree	Amla	Emblica officinalis	Tree	Northern/ Sub- Tropical	Good	Modertae	Commercial/Own use	Fruit			
Tree	Jamun	Syzygium cumini	Tree	Northern/ Sub- Tropical	Good	Modertae	Commercial/Own use	Timber/ Firewood			
Tree	Amb	Mangifera indica	Tree	Northern/ Sub- Tropical	Good	Modertae	Commercial/Own use	Fruit			
Tree	Safeda	Eucalyptus	Tree	Northern/ Sub- Tropical	Good	Modertae	Commercial/Own use	Fruit			
Tree	Neem	Azadirachta indica	Tree	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Climber	Amar bel	Cuscuta reflexa	Climber	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-
Grass	Doob grass	Cynadon dactylon	Grass	Farmlands & Urban areas	Good	Moderate	Commercial/ own use	Timber/ Firewood	-	-	-

		Format 19: Wild	l Plant Species of Im	portance	
1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Kanner/Lal Gandila	Nerium indicum	Shrub		Good
2	Aak	Calotropis gigantea	Shrub	Medicinal	Good
3	Neem	Azadirachta indica	Wild	Social and Economic	Available
4	bamboo	Bambusa bamboos	Wild	Social and Economic	Available

# Format 20: Aquatic Biodiversity

1	2	3	4	5			7	8	9	10
1		3	4	3	'	5	,	<u> </u>	9	10
					Local	Status				Community/ Knowledge
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	Holder
Mahaseer	Tor putitora	Local, Migratory	Big Head, Small Barbels, Golden Scales	Tawi River	Available	Available	Own & Commercial use			

	Format 21: Wild Aquatic Plant Species of Importance												
1	2	3	4	5	6								
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends								
1	Auk	Ipomoea cornea		cure respiratory diseases									
2	Kumudene	Nymphoides indica		Wound healing									
3	Water Hyacinth, Floating Weed	Eichhornia crassipes	Invasive	Can be used to make compost, Mulching & to Clean Sewage	Free Floating Weed								

# Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	(	6	7	8	9	10	11
Plant (Herb,	Local Name	Scientific Name	Variety	Landscape /	Local	Status	Associated TK	Uses (usage)	Part used	Other details	Community/
Shrub, Tree)	Local Ivallic	Scientific Ivame	variety	Habitat	Past	Present	Associated TK	Oses (usage)	i art uscu	market/ own use	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		
Tree	Harad	Terminalia chebula	Tree	Northern/Sub- Tropical	Good	Good		Medicinal	Bark		
Tree	Sukchain	Pongamia pinnata	Tree	Northern/Sub- Tropical	Good	Good		Medicinal	Bark		
Climber	Giloe	Tinospora cordifolia		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Stem	-	
Shurb	Bana	Vitex negundo		Alluvial plain/Farm lands	Good	Good	-	Medicinal	Leaves	-	
Herbs	Bhang	Cannabis sativa	Wild	Sub-Tropical	Available	Available		treats anxiety	leaves		

			Fo	rmat 23: V	Wild relati	ves of Crops				
1	2	3	4	5	5	6	7	8	9	10
Local	Scientific	A	Landana (Habitat	Local	Status	Uses	Part	Associated	041 1.4.2	Community / Know
Name	Name	Associated crop	Landscape / Habitat	Past	Present	(usage)	Used	TK	Other details	holder
Chaleri Saag	Amaranthus Virdis		Sub-Tropical	Available	Available	protect against oxidative stress	leaves			Farmer
Jangli Putna	Mentha arvensis		Sub-Tropical	Available	Available	digestive health	leaves			Farmer
Wild onion	Allium canadense		Sub-Tropical	Available	Available	anti- inflammatory properties	bulb, stem, flower			Farmer
Wild oats	Avena fatua		Sub-Tropical	Available	Available	moderate stress	seeds			Farmer

			For	mat 24: Ornamental Pl	ants		
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	Nerium oleander	Shrub	Farm land	-	-	-	-
Kaneer	Thevetia peruviana	Tree	Farm land	-	-	-	-
Bougainvillea	Bougainvillea glabra	Shrub	Farm land	-	-	-	-
Hibiscus	Hibiscus rosasinensis	Tree	Nurseries	Non commercial			

1	2	3	4	5	(	6	7	8	9	10	11
Plant (Herb,	Local	Scientific			Local	Status	Uses		Associated	Other details	Community
Shrub, 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 koenigii		Moist forest and agricultral land	Abudant	Abudant	Spice	leaves			
Herb	Wild Tulsi	Ocimum sanctum		Moist soil	Abudant	Abudant	Medicinal	leaves			
Tree	Imli	Tamarandus indica		Sub-Tropical	good	good	Medicinal	fruit			

				Format 2	26: Timber Plants			
1	2	3	4	1	5	6	7	8
Local Name	Scientific Name	Habitat	Local	Status	Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				now.
Shisham	Dalbergia sissoo	Northern/Sub- Tropical	Good			Timber/ Firewood		-
Ber	Ziziphus jujuba	Northern/Sub- Tropical	Good			Timber/ Firewood		-
Safeda	Eucalyptus globulus	Northern/Sub- Tropical	Good			Timber/ Firewood		-
Jamun	Syzygium cumini	Northern/Sub- Tropical	Good			Timber/ Firewood		-
Khair	Acacia catechu	Subtropical/ Tropical	Plenty			Timber/ Firewood		

				Forma	t 27 A: Co	astal and Marin	ie Flora			
1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local	Status	Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/
, , , , , , , , , , , , , , , , , , ,				Past	Present	(if any)	(if any)			Knowledge Holder

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

	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 Nam	Local Name	e Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting,	Other details	Community/ Knowledge Holder
						Past	Present			collecting (if any)		Knowicuge Holder
Wild animal	Leopad	Panthera pardus	Northern/ Sub-Tropical			Good	Good					
Wild animal	Squirrela	Sciuridae	Northern/ Sub-Tropical			Good	Good					
Wild animal	Pig	Sus domesticus	Northern/ Sub-Tropical			Good	Good					
Wild animal	Jackal	Canis aureus	Northern/ Sub-Tropical			Good	Good					
Wild Animal	Bee	Apis cerana indica	Farmland	-	-	Good	Good	-	-	-	-	

	Format 29: Flora							
1	2	3	4	5	6	7		
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)		

	Format 30: Fauna								
1	2	3	4	5	6				
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)				

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