People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti :Abtal
Taluk: Ramgarh
District: Samba
State:J&K UT
Geographical Area of the Panchayat Samiti: 267.1 ha
Population under the Panchayat Samiti: Total = 3592
Male 1824 Female: 1768 Total: 3592
Habitat and Topography: Subtropical
Climate (Rainfall, Temperature and weather patterns): 42°C in summer & 8°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)

Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six person nominated by the local body; not less than one third to be women and not less than 18% belonging to SC/ST)
1)Name of the Chairperson: Shiv Ram S/o Ram lal
Age: 61
Gender:M
Address: Abtal
Area of specialization:
2) Name:Bishno Devi w/o Tarsem Lal
Age:45
Gender:F
Address: Abtal
Area of specialization:
3)Name:Anju Kumari W/o Narinder Singh
Age: 69 Y
Gender:M
Address: Abtal
Area of specialization:
4)Name:Charan Singh s/o Partap Singh
Age: 62y
Gender:M
Address: Abtal
Area of specialization:
5)Name:Charanjeet S/o Partap singh
Age:62
Gender:M
Address:Abtal
Area of specialization:
6)Name:Ramesh Kumari S/o kanshi Ram
Age:55
Gender: M
Address:Abtal
Area of specialization:
7)Name: Bachan Lal s/o Phulla Ram
Age:63
Gender: M
Address:Abtal
Area of specialization:

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 :Munna s/o thoru ram
Age:52
Gender:M
Address:SM Pur
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:

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:Tinku Ram S/o Manohar Lal
Age:43
Gender:
Address:SM Pur
Area of specialization:
2) Name : Sandeep Singh
Age:40
Gender: Male
Address: Abtal
Area of specialization: Agriculture
3) Name:
Age:
Gender:
Address:
Area of specialization:
4) Name:
Age:
Gender:
Address:
Area of specialization:

	etails of schools, colleges, departments, universities, government institutions, non-governmental rganization and individuals involved in the preparation of the PBR
1)	Contact Person: Suresh Sharma (Teacher)
	Name and Address: Abtal
2)	Contact Person:
	Name and Address:
3)	Contact Person:
	Name and Address:
4)	Contact Person:
	Name and Address:

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	Local		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/ Plants	Community/ Knowledge
	Name	rvainc		/ Habitat	SHOWN	Past	Present		scason				Secus/ 1 lants	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,Ku fri 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		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,Tropica l,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 Domausmi/ Kundan	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/loamy 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,local 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,Pride of India,Green 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,Purp le vienna	cool &moist climate/sub tropical	Abundant	Abundant	Swollen stem and leaves are consumed as vegetable	Rabi	-		

Spanich	Spinacea oleracea	Palak	All Green,Delta	Cool season Crop, thrives well on well drained loam soils	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 ,Kore n Etc	Cool season Crop, thrives well on well drained Sandy loam soils	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,local	Cool &moist climate/ sub tropical& intermedite	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&intermed ite	Abundant	Abundant	Root is used as Vegetable ,Salad ,.	Rabi	Good source of Vit.C,Diatry Fiber &Potasium				
			Dekalb doubl		Rare	Plenty	Tall, high yielding with yellow in colour)						
Maize	Zea mays	Maka	K-517 Ujala K-612	Sub tropical / Upland	Plenty Normal Plenty	Rare Plenty Normal	Average tall with yellow in colour	Food & Fodder	Provides energy	-	Kharif (May to October)	Farmers / Department/ Privaate Suppliers	Farmers
			Pro Agro- 4794		Plenty	Normal	Tall, high yielding with yellow in colour)					11	

Format 2: Fruit Plants

1	2	3	4	5	(5	7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape /	Local	Status	Source of	Season of	Associated TK	Uses	Other details market /	Community /
Tiant	Scientific Ivanic	Local Ivallic	Variety	Habitat	Past	Present	Seeds/Plants	Fruiting		Oscs	own use	Knowledge holder
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	6	7	8	9	10					
Plant	Scientific Name	Local	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated	Part	Other details	Community /					
riant		Name	Landscape / Habitat	Past	Present	Source of Plants / 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									
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	Associated TK	Other details	Community /			
			•	r	Habitat	Past	Present	v	options		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	Γ	Т	1					
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				

		Form	at 6: Markets for Do	omesticated 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

	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				
3592	Agriculture	Animal Husbandry	Agri landscape	Water	Satsifying different needs water	Satisfied	Mix	Average	Average	HHs=340				

						Format 8:	Landscape						
	1		2	3	4	5	6	7	8	9	10	11	12
Major	Major Landscapes		Sub -	Features and					Management			Other	Community
Agricultural land			Landscapes	approx. area	Ownership	General flora	General fauna	User groups	practices	General uses	Associated TK	details	accessed
Plains	Plains & kandi area		Plains	flat sweeping landmass with small change in elevation	Private and State lands	Broad leaved mainly Tali, Phagari, Beri, Plah, Jamun, Aamb, Amla, Kikar,Bodr, Drenk	Public as well as Pvt. And Govt. also		Aesthetic and scenic beauty in urban areas				

Format 9: Waterscape 5 10 12 13 1 2 3 4 6 7 8 9 11 Waterscape Management practices Features and Community Sub- type Ownership General flora General fauna Major uses User groups General uses | Associated TK | Other details element type approx area accessed Cattles, Tali, kamal, wasing Brankad,Bori peepal and Khu Snakes, Snail Cloths, State land and Public Ponds Irrigation, Private land Jari etc Drinking Etc. Cattles, wasing Bana, aak, Frogs, Fishes, Cloths, State land and Khar Grass, Public Streams Private land Panjphuli Jari Snakes, Snail Irrigation, Drinking Etc Etc. Cattles, wasing State land and Cloths, Tube well Public Irrigation, Private land Drinking Etc.

	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												

Format 11: Fruit Trees

1	2	3	4	6		7	8	9	10	11	12	13
Plant Type	Local Name	Scientific	Variety	Landscape/	Loca	l Status	Source of	Season of	Uses (usage)	Associated TK	Other details market/own	Community/ Know. holder
		Name	v	Habitat	Past	Present	plant/seeds	Fruiting			use	Know. noider
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	Local	status	Uses (usage)	Part used	Associated TK	Other details market/own	Community/ Know.
				паша	plant/seeds	Past	Present				use	Holders
Herbs	Jungli pudina	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
ruimat	14.	THIIDEL	1 lants	/ 11662

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local	status	Wild/ home-	Other	Associated TK	Other details	Community/ Know, holder
				Past	Present	garden	uses (multi)			Know, noider
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 Type	Local Name	Scientific Name	Breed (local/	Features	Method of keeping	Local	Status	Uses	Associated TK	Commercial rearing	Other details including products and	Community Know.
Турс		Tame	nybrid)		кеерінд	Past	Present			Tearing	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	CB HF	Black and white spot	stall feeding / semi intensive	Very few	Increased	Dairy	Nil	Yes	Milk	All
	Manj	Bubalus bubalis	Local	Low yield	stall feeding	Abundant	Decreased	Dairy	Nil	No	Milk	All
Buffalo	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 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 details	Community Know.			
	Tame				(pond/bileti/tallao)	Past	Present			rearing		Holders			

	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						

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	Other details	Community
J P -					Past	Present	use		TK		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 Plant Sp	ecies of Importance	
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		5	7	8	9	10
					Local	Status				Community/ Knowledge
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	Holder
Garoj	Mastacembalus spp	Local	Large elongated fish without pelvic fin, dorsal fins are long & connected with caudal fin	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, Shrub,	Local Name	Scientific Name	Variety	Landscape /	Local	Status	Associated TK	Uses (usage)	Part used	Other details	Community/
Tree)	Local Ivallic	Scientific Ivalie	v ar icey	Habitat	Past	Present	Associated 11	oses (usage)	Tart useu	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		

	Format 23: Wild relatives of Crops														
1	2	3	4	5	5	6	7	8	9	10					
Local	Scientific	Associated area	Landsoons / Habitat	Local Status		Uses	Part	Associated	Other details	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	avai	lable	moderate stress	seeds			Farmer					

Format 24: Ornamental Plants

				1			
1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial / Non-commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder
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			

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb,	Local	Scientific			Local S	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	Abundant	Abundant	Spice	leaves			
Tree	Curry tree	Murraya koenigii		Moist forest and agricultral land	Abundant	Abundant	Spice	leaves			
Herb	Wild Tulsi	Ocimum sanctum		Moist soil	Abundant	Abundant	Medicinal	leaves			
Tree	Imli	Tamarandus indica		Sub-Tropical	good	good	Medicinal	fruit			

			For	mat 26: Tin	nber Plants			
1	2	3	4	4	5	6	7	8
Local Name	Scientific Name	Habitat	Local	Status	Other Uses, if	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present	any			Knowicuge Holder
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		

	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	l 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	Local Name	Scientific Name	Habitat	Local	Status Parts Collected (if any)		Commercial Uses (if any)	Other Uses	Associated TK	Community/					
				Past	Present	Conected (if any)	(II ally)			Knowledge Holder					

	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	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present			concerning (in any)		Knowledge 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	3 4		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				