People Biodiversity Register (PBR): General Details
Name of panchayat samiti: Dandote
Taluk: Budhal
District: Rajouri
State: Jammu And Kashmir
Geographical Area of the Panchayat Samiti: 10000 Approx.
Population under the Panchayat Samiti: Total 7200
Male:- 6500 Female:- 3500
Habitat and Topography: Hilly
Climate (Rainfall, Temperature and weather patterns): Rainfall
Land Use (Nine fold classification available with village records)
Date, Month and Year of PBR Preparation: 19.03.2021
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Fore

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Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated body ; not less than one third to be women and not less than 18% belonging to SC/ST)
1) Name of the Chairperson: Shahida Parveen
Age:-28
Gender: Female
Address:- Budhal
Area of specialization:
2) Name: Mohd. Iqbal S/o Faqir Mohd.
Age: 50
Gender: Male
Address: Dandote
Area of specialization:- Farming
3) Name: Sher Mohd. S/o Mohd. Basheer
Age: 25
Gender: Male
Address: Dandote
Area of specialization:- Farming
4) Name: Mohd Din S/o Mada
Age: 50
Gender: Male
Address: Dandote
Area of specialization:- Farming
5) Name: Suraj Ram S/o Faqir Chand
Age: 65
Gender: Male
Address: Dandote
Area of specialization:- Farming
6)Name: Mohd. Tariq S/o Abdul Rasheed
Age: 30
Gender: Male
Address: Dandote
Area of specialization:- Farming
7) Name: Saleema Akhter W/o Zaffer Hussain
Age: 25
Gender: Female
Address: Dandote
Area of specialization:- Farming, House wife

List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources within the jurisdiction of the village
1) Name: Alam Din
Age: 75
Gender: Male
Address: Dandote
Area of specialization: Ayurveda, Unani
Location from which the person accesses biological material: Local/ Non local
Perception of the practitioner on the resource status:less local resources availble
Medicinal Use: Curing ailments by use of plants
2) Name:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
3) Name:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries foresty
1) Name: Mohd. Shafi
Age: 70
Gender: Male
Address: Dandote
Area of specialization: Agriculture
2) Name: Abdul Qayoom
Age: 50
Gender: Male
Address: Dandote
Area of specialization: Fisheries (Artificial Pond)
3) Name of the Chairperson: Mohd. Iqbal S/o Faqir Mohd.
Age: 50
Gender: Male
Address: Dandote
Area of specialization: Farming
4) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

Det inv	ails of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals olved in the preparation of the PBR
1)	Contact Person: Shabbir Ahmed S/o Faqir Mohd.
	Name and Address: Middle School (Dandote) Head Master
2)	Contact Person:
	Name and Address:
3)	Contact Person:
	Name and Address:
4)	Contact Person:
	Name and Address:

You may add names of more institutions/NGO/Individuals etc, if necessary

Annexure 5

	Detail of access to biological reso	ources and traditional knowledge grante	d, details of the collection fee imposed a	and details of the benefit derive	ed 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
1	Agriculture Department	Red Kidney Beans, Lady Fingers & Cucerbits Seeds	19.03.2021	Free	One Packet Per 70 Persons
2	Horticulture Department	Akhroot & Plum	10.03.2021	Rs. 25 per 4 Plants	4 Plants per Aadhaar Card

End of Part I

Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14	15
S.No	Crop	Scientific	Local	Variety	Land Scape /	Approx area	Local	Status	Special feature	Cropping	Uses	Associated TK	Other Details	Source of Seeds /	Community /Knowledge
5.110	Стор	Name	Name	variety	Habitat	sown	Past	Present	Special leature	season		Associated TK	Other Details	Plants	Holder
1	Rice	Oryza sativa	Dhan	K-39,K- 343, G-14	Hilly terrain		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food			
2	Maize	Zia mays	Makka	Rasi4794, Kh517, Kh- 612, DD	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food			
3	Wheat	Triticum aestivum	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food			
4	Mustard	Brassica juncea	Sarson	Pusa bold, Gobi Sarson, KOS-1	Cool & dry		Normal	Normal	Matures in 145- 150 days with 40- 42 % oil content	Rabi	Source of energy	Vegetable Oil extracted from seeds used in cooking	Oil for Food		
5	Red Kidney Beans	Phaseolus vulgaris	Rajma	Local Variety	Hilly/ Temprate		Rare	Normal	Medium Yielding	Kharif (May to October)	Source of Protein/ Energy	Prefered Food for parties as well as Domestic Consumption	Food		
Vege	etables			•			•		•	•	•				
1	Okra	Abelmoschus esculentus	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-		
2	Brinjal	Solanum melongena	Bangun	PPL,PPC, PH4, BR112	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-		

3	Brottle Gourd	Legenaria siceraria	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate	Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	
4	Knol Khol	Brassica oleracea	Kadam	King of Market, White Vienna, Purple Vienna	Sub tropical & intermediate	Normal	Normal	Green Leafy Veg	Rabi	Swollen stem and leaves are consumed as vegetable	Source of minerals & energy	_	
5	Tomato	Solanum lycopersicum	Tamater	Pusa Rubi,Pusa Early Dwarf, Manisha Plus/ local	Sub tropical & intermediate	Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.	Used as Vegetable, Salad, Soup	
6	Onion	Allium cepa	Руај	Pusa Red, Nasik Red, N-53, Liberty	Cool weather at vegetative stage followed by warm weather at Bulb Stage	Normal	Normal	-	Rabi	Vegetable & Salad use	Good source of dietary fiber,Vitamin B6,C,Potashium and folic acid.	-	
7	Potato	Solamum tuberosum	Aaloo	Kufri Sindhuri,Ku fri Badsha, Kufri Jyoti	herbaceous annual, requirs cool weather, mostly rainfed	Normal	Normal	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable, chips etc	-	High carbohydrate, provide high n energy value	Rabi	
8	Peas	Pisum sativum	Matar	Bonneville, Arkel, local var.	Grows under cool conditions,Su b tropical/ Temprate	Normal	Normal	Medium dwarf plant with green well filled pods	Green pods are used as vegetable	-	High in fiber, protein, vitamins, phosphorus, magnesium, copper,	Rabi	

Format 2: 1	Format 2: Fruit Plants													
1	2	3	4	5		6	7	8	9	10	11	12		
Plant	Scientific Name	Local Name	Variety	Landscape/ Habitat	Loca	l Status	Source of Seed /Plants	Season of Fruiting	Associated TK	Uses	Other details market/Own	Communicate/ Knowledge		
				парна	Past	Present	/riants	Fruiting			use	holder		
Citrus fruits	Citrus Spp.	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	Subtropical, mid hills	Plenty	Plenty	Nurseries	Through out year		Fruit,Pickling, Squashes etc.	Maketing , own use			
Grapes	Vitis vinifera .	Angoor	Local Dakh, Perlette,	Subtropical,Mid hills	Rare	Rare	Nurseries	July-August		Fruit				
Pomegranate	Punica granatum	Anar, Druni	Ganesh, Kandhari, Local	Subtropical,Mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August		Fruit, anardana	Own use			
Apple	Malus domestica	Sabe	Red Delcious, Golden Delocious, Maharaji, American etc.	Temperate	Rare	Rare	Nurseries	Aug- Oct.		fruit, value addition	Maketing , own use			
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Mid Hill	Plenty	Plenty	Nurseries	Aug-Sept		Fruit	Own use			

Peach	Prunus persica	Aaroo	July Elberta, Quetta	Mid Hill	Rare	Rare	Nurseries	June-July	Fruit	Maketing , own use	
Apricot	Prunus persica	Khubani, Sadi	local apricot, Bebco	Mid Hill	Plenty	Plenty	Nurseries	June-July	Fruit	own use	
Walnut	Juglans regia	Akrote	Burzal, Kagzi, hard shelled	Temperate	Plenty	Plenty	Nurseries, locally raised	Sept-Oct	Dry fruit	Maketing , own use	
Pecan	Carya illinoenis	Pecan	Western shelley	Mid hills /Temperate	Rare	Rare	Nurseries	Sept-Oct	Dry Fruit	Marketing	
Plum	Prunus salicinia	Aaloo Bukhara	Santa rosa, Allubukhara	Mid Hills	Rare		Nurseries, locally raised	July-August	Fruit	Maketing , own use	

Forma	Format 3:-Fodder Crops / Species													
1	2	3	4	5		6	7	8	9	10	11			
S.No	Plant	Scientific Name	Local Name	Land Scape/ Habitat	Local	Status	Source of plants/	Associated TK	Part Used	Other details	Community/			
				• • • • • • • • • • • • • • • • • • •	Past	Present	seeds				Knowledge holder			
1	Oats	Avena sativa	Javi	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Suitable for fodder	Farmers			
2	Sorghum	Sorghum spp	Charry/ Jawar	Sub Tropical / Intermediate	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	Farmers			
3	Barseem	Trifolium alexandrinum	Shatala	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers			
4	Chilli	Capsicum annuum	Mirch	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Spices	Dry fruit	Contains good ammount of vitamin A&C	Farmers			
5	Ginger	Zingiber officinale	Adrak	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Medicinal value	Rhizome	Spice use	Farmers			
6	Garlic	Allium sativum	Thom	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Medicinal value	Clove	Spice use	Farmers			

Forma	Format-4 : Weeds													
1	2	3	4	5	6	7	8	1	9	10	11	12	13	
					_	Land Scape /	Local	Status		Management		Other details like exotic	Community /	
S.No	Plant	Scientific Name	Local Name	Affected Crop	Impact	Habitat	Past	Present	Uses if Any	Options	Associated TK		Knowledge holder	
1	Guli Danda	Philaris minor	Sitti	Wheat	Compete with crop	Sub Tropical/ intermediate	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local	Farmers	
2	Parathenium	Parthenium hysterophorus	Congress grass	All crops	Alellopathy effect, reduce yield	Sub Tropical/ intermediate	Rare	Plenty	Nil	Chemical / Manual Control	Abnoxious weed difficult to manage	Exotic	Farmers	
3	Bathua	Chinopodium album	Bathua	Wheat, Vegetables	Compete with main crops for space and nutrients	Sub Tropical/ intermediate	Plenty	Plenty	Leavy vegetable	Chemical Control	Rich Source of protein, Vit. A, Calcium , Phosporous & potash	Used as green vegetable	Farmers	
4	Bhang	Cannabis sativa	Bhang	Maize, Wheat, Vegetables	Alellopathy effect, Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	psychoactive effects	Chemical / Manual Control	intoxicating causes dehydration, nausea and headache	Local	Farmers	
5	Barnyard grass	Achinocloa crusgalli	Swanki	Rice/Maize	Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	nil	Local	Farmers	
6	Nut Grass	Cyprus rotundus	Dilla/Motha	Paddy,maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers	

Forma	nt-5: Pests of	Crops								
1	2	3	4	5	6	7	8	9	10	11
S.No	Host	Insect/ Animal	Scientific Name	Local Name	Habitat	Time/ Season of Attack	Management mechanism	Associated TK	Other details	Community Knowledge Holder
1	Rice	Rice Hispa	Dicladispa armigera	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
2	Rice	Stem Borer	Scirepophaga incertulas	Dhain ka Kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
3	Maize	Blister Beetle	Mylabris phalerata	Bhundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
4	Maize	Cut Worm	Agrotis spp	Makki da kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
5	Maize	Maize stem Borer	Chilo partellus	Sundi	Chewing & bitting	July to sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants	Farmers
6	Maize/Wheat	Termite	Odentotermes obesus	Sink	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers

7	Brijal/ Tomato	Fruit Borer	Helicoverpa armigera	Sundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
8	Wheat, Maize, Rice	Rat	Tatera indica	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
9	Miaze, Potato	Porcupine	Erethizon dorsatum	Seh	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
11	Mustard	Aphid	Lipaphis erysimi	Aphid/ Tella	Sub Troopical/Intermediate	Dec-March	Chemical control	-	Nil	Farmers

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
Dadote	Monthly	Sheep	5	Local	Local	None		
		Goat	2	Local	Local			

Note: [1] (D) – day; (M) – month; [2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

Format 7: Pe	oplescape									
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
Hindus	Agriculture	Animal Husbandry	Hilly		Rotational Cropping		Brahmin	Poor		12
							SC	Poor		
Muslims	Agriculture	Animal Husbandry	Hilly		Rotational Cropping					
							Others	Poor		735
							ST	Poor		80
										1000 Approx.

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc How the community manages the landscapes they use for satisfying different needs, their strategies and perception How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

	1		2	3	4	5	6	7	8	9	10	11	12
Majo	· Landsc	apes	Sub - Landscapes	Features and	Ownership	General	General fauna	User	Management	General uses	Associated	Other	Community
Agricultural land	Pond	Fallow land	Sub - Lanuscapes	approx. area	Ownersmp	flora	General launa	groups	practices	General uses	ТК	details	accessed
Agri	cultural la	and	Irrigated			Rice	Frog		Rotational Cropping	Edible			Yes
			Unrrigated			Wheat	Insects		Rotational Cropping	Edible			Yes
					Maize								
						Fruit Trees							

Format 9: Wat	erscape											
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
Rivers	Streams			Submerged Plants	Frog			Nil				Yes
				Floating	Fish							
					Crabs							
Bowli								Public				Yes
Springs												
Streams	Jouri			Up Streams								
	Nallah			Fishes								
				Glypto & Schizothorax								
	Siar											
	Kass											

Format 10 : So	bil Type						
1	2	3	4	5	6	7	8
Soil Type	Colour & texture	Features	Soil Management	Plants/Crop suitable	Flora and Fauna	Associated Tk	Other Information
Clay	Brown & soft	Less Acidic	Normal	Oak	Oak		
Sandy	Grey & rough			Bankhori	Kail		
Black	Black & soft			Chikri	Safeda		
				Safeda	Beesa		
				Fir	Bear		
				Beesa	Jackel		
				Maize,wheat,Rice	Lepard		

Format	11: Fruit Trees											
1	2	3	4	6		7	8	9	10	11	12	13
Plant	Local Name	Scientific Name	Variety	Landscape/ Habitat	Loc	al Status	Source of	Season of	Uses (usage)	Associated TK	Other details market/own	Community/ Know.
Туре					Past	Present	plant/seeds	Fruiting	cools (usinge)		use	holder
Tree	Akhrot	Juglan regia		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Citrus fruits	Citrus spp.		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Guava	Psidium guajava		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Grapes	Vitis vnifera .		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Pomegranate	Punica granatum		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Apple	Malus domestica		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Pear	Pyrus spp.		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Peach	Prunus persica		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Apricot	Prunus persica		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Plum	Prunus salicinia		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	

Format 12	2. Medicinal	Plants (Herbs, S	hrubs, T	rees etc.)								
1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Source of	Loc	al status	- Uses (Usage)	Part Used	Associated TK	Other details	Community/
тапстуре		Scientific Ivanie	v ar iety	Habitat	Plant/Seeds	Past	present	Uses (Usage)	i art Useu	Associated TK	Market/Own use	Know. Holders
Tree	Akhrot	Juglan regia		Forest	Natural			Antoxidant	Bark,Fruit		Own use	Aware
Herb	Gucchi	Morchella esculanta		Forest	Natural		Rare	Antiboitic	Fruit		Own use	Aware
Tree	bermi	Taxus walichaina		Forest	Natural			Cancer treatment	Bark			
Shrub	Simblu	Berberies lycium		forest	Natural			Anti-boitic	Leaves, Root		Own use	Aware

Format 13	: Ornamental P	lants/Trees/Climb	ers 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	Harduli	Rhododendron arboreum		Natural	Non.Commercial				
Climbers	Pulwari	Rosa asclloris		Natural	Non.Commercial				
Shrubs	Kucch	Viburnum grandiflorum		Natural	Non.Commercial				
Shrubs	Rose	Rosa indica		Cutting	Commercial				

Format 14	: Timber Plant	ts/Trees								
1	2	3	4	5	;	6	7	8	9	10
				Local	Status		Other uses			Community/Know.
Plant type	Local Name	Scientific Name	Habitat	Past	Present	Wild/Home-garden	(multi)	Associated TK	Other Details	Holder
Tree	Kail	Pinus walichaina	Forest	Good	Good	Wild	Fuel			
Tree	Fir	Abies pindrow	Forest	Good	Good	Wild	fuel			
Tree	Oak	Quercus incane	Forest	Good	Good	Wild	Fuel			
Tree	Bankhori	Aesculus indica	Forest	Good	Good	Wild	Fuel			
Tree	Popular	Populus deltoides	Forest	Good	Good	wild	Fuel			

Format 15	: Domestic:	ated Animals										
1	2	3	4	5	6		7	8	9	10	11	12
Animal Types	Local Name	Scientific Name	Breed (local by	Features	Method of	Local	Status	Uses	Associated	Commercial	Other detail including	Community
Animal Types	Local Name	Scientific Ivame	Bird)	reatures	keeping	Past	Present	Uses	ТК	rearing	products and services	know holders
Small Ruminants	Sheep	Ovis aries	Cross Breed Kagani Beetal Poonchi	Polled ewes Horned Rams v-shaped Nose drooping ear sturdy excellent climbers	Conventional	Sufficient	Sufficient	Mutton Chevon Milk Wool	Lohi Namda	No	Wool mutton chevon Milk skin Department provide necessary Medical coverage and sufficient system of rearing	Yes
	Goat	Capra hircus										
	Cow	Bos taurus	Desi Jersi			Sufficient	Sufficient	Milk				Yes
	Buffalo	Bubalus bubalis	Desi			Sufficient	Sufficient	Milk				Yes
	Khacchar	Equus asinus				Sufficient	Sufficient	Labour				Yes
	Horse	Equus caballus				Sufficient	Sufficient	Labour				Yes
	Bakarwalin kutta	Canis spp.				Sufficient	Sufficient	Guarding of Aminals				Yes

	5: Culture Fis	1		1	1	1			I	1		
1	2	3	4	5	6		7	8	9	10	11	12
			N 7 • 4	E (Waterscape	Loc	al status	T		с ·		Community Know
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Past	Present	Uses	Associated 1K	Commercial rearing	Other details	Community Know. Holders
												Master Manzoor

Format 17: Mark	ets / Fairs for	Domesticated Anima	ls, Medici	nal 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
I				Sale & Purchase at Loca	l Level	1		

WILD BIODIVERSITY

Format 18: Trees, Shrubs, Herbs Tubers, Grasses, Climbers etc.												
1	2	s, herbs Tubers, G	4	5		6	7	8	9	10	11	
	L I N	6	H .1.4	H -1-4-4	Loca	l Status	Commercial/Own				Community	
Plant type	Local Name	Scientific Name	Habit	Habitat	Past	Prsent	uses	Part collected	Associated TK	Other Details	Know. Holder	
Tree	Kail	Pinus wallichiana		Forest		Good	Own use				Well	
Tree	Fir	Abies pindrow		Forest		Good	Own use				Well	
Tree	Oak	Quercus incane		Forest		Good	Own use				Well	
Tree	Safeda	Eucalyptus spp		Forest		Average	Own use				Well	
Tree	Mannu	Ulmus wallichiana		Forest		-	-				Well	
Tree	Chikri	Buxus wallichiana		Forest		Good	Own use				Well	
Tree	Kucch	Vibrum grandifolia		Forest		average	Own use				Well	
Tree	Simblu	Berberis lycium		Forest		average	Own use				Well	

Format 19	9 : Wild Plant Species of In	nportance			
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (As economic, social, cultural etc.)	Status
1	Kail	Pinus wallichiana		Timber	
2	Fir	Abies pindrow			
3	Oak	Quercus incana			
4	Toote	Morus alba			
5	Dhaman	Grewia optiva			
6	Phulwari	Rosa ascularis			
7	Chikri	Buxus wallichiana			
8	Kucch	Vibrum grandifolia			
9	Simblo	Berberis lycium			

Format 20 : A	Aquatic Biodiversit	у								
1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Loc	al status	Uses	Associated TK	Other Details	Community/Know.
Local Maine	Scentric Maine	v aricty	reatures	Habitat	Past	Present	0303		Other Details	Holder
Water cress	Nasturtium officinale		Leafy, Soft	Aquatic	Good	Good	Vegetable			Phari
Green algae	Volvox tertius		Thallus Plant	Aquatic	Good	Good	Photosynthesis			Gujjar
Wild mint	Mentha arvensis		Aromatic	Aquatic	Good	Good	Medicinal			
Bach	Acorus calamus		Rhizome	Aquatic	Good	Good	Medicinal			
Frog	Rana tigrina		Brownish Small	Aquatic	Good	Good	Eco balance			
Fish	Oncorhynchus mykiss		Scally	Aquatic	Good	Good	food			
Leech	Hirudo medicinalis		Blood Sucker	Aquatic	Good	Good				
Water snake	Nerodia sipedon			Aquatic	Good	Good				
Crab	Scylla serrata		Tentacle	Aquatic	Good					

Format 2	21 : Wild Aquatic Plant	Species of Importance			
1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Trends
1	Water cress	Nasturtium officinale		Feeding & fodder	
2	Green algae	Volvox tertius		Max. Photosynthesis	
4	Wild Mint	Mentha arvensis		Used in medicine	
5	Bach	Acorus calamus		Used in medicine	
6	Lichen			Air pollution indicator	

Format 22:	Wild Plants of	of Medicinal Impo	ortance								
1	2	3	4	5		6	7	8	9	10	11
Plant(herb,	Local Name	Scientific Name	Variety	Landscape/	Local	status	Associated TK	Uses	Part used	Other details	C.knowledge holder
shrub,tree)		Scientific Funite	vancty	habitat	Past	Present		0303	i art ustu	market/own use	C. Kilowicuge Holder
Herb	Gucchi	Morchella esculanta		Forest	Good	Average			Whole		Mohd. Iqbal
Herb	Banafsha	Viola odorata		Forest	Good	Average			Flower		Mohd. Iqbal
Shurb	Simblu	Berberis lycium		Forest	Good	Average			Roots		Mohd. Iqbal
Shurb	Harduli	Rhododendron arboreum		Forest	Good	Average			Flower		Mohd. Iqbal

Format 23: `	Wild Relatives o	f Crop								
1	2	3	4	Ę	5	6	7	8	9	10
				Local status				D (1		Community/
Local Name	Scientific Name	Associated Crop	Landscape/ Habitat	Past	Present	Associated TK	Uses (Usage)	Part used	Other Details	knowledge Holder
Maize	Zea mays	Beans	Terrestrial	Good	Good		As food	Grain		Gujjar
Akhrot	Juglans regia	Grasses	Terrestrial	Good	Good		As food	Fruit		Phari
Potato	Solonum tubersum	Beans	Terrestrial	Good	Good		As food	Zhizome		Kashmiri
Beans	Phaselous vulgaris	Maize	Terrestrial	Good	Good		As food and fodder	Fruit		
Mustard	Brassica compestus	Turnip	Terrestrial	Good	Good		Fodder	Whole plant		

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/Know. Holder
Harduli	Rhododendron arboreum		Forest	Non-commercial			
Phulwari	Rosa ascolaris		Forest	Non-commercial			
Kuchh	Viburnm grandiflonum		Forest	Non-commercial			
Rose	Rosa indica		Forest	Non-commercial			

Format 25: Fu	ımigate/Che	ewing Plants									
1	2	3	4	5		6	7	8	9	10	11
Plant (Herb,	Local Name	Scientific Name	Variety	Habitat	Loca	l status	Associated TK	Uses (Usage)	Part used	Other Details	Community/ knowledge
shrub, Tree)					Past	Present		(1.1.2.)		(Mode of use)	Holder
Shrub	Phulwari	Rosa ascularis		Dry Land	Good	Good			Flower		Pahari
Herb	Mint	Mentha arvensis		Mist Place	Good	Good			Leaf		Gujjar
Herb	Banafsha	Viola odorata		Dry land	Good	Good			Flower		Kashmiri
Herb	Gotal marigold	Tagetes spp.		Agri-Land	Good	Good			Flower		
Herb	Saunf	Foeniculum vulgaris		Agri-Land	Good	Good			Flower		Mohd. Mushtaq
Herb	Methi	Trigonala faunum		Agri-Land	Good	Good			Fruit		
	Timru	Zanthoxylum armatum			Good	Good					
	Akhrot	Juglans regia			Good	Good					
					Good	Good					

		Good	Good			

Format 26 :	Timber Plants							
1	2	3		4	5	6	7	8
Local Name	Scientific Name	Habitat	Loc	al status	Other uses, if any	Asscoiated Tk	Other Details	Community/ Knowledge
			Past	Present				Holder
Kail	Pinus wallichiana	Forest	Good	Fuel				Mohd. Iqbal
mannu	Ulmus wallichiana	Forest	Good	Fuel				
Oak	Quercus incana	Forest	Good	Fodder, fuel				
Fir	Abies pindrow	Forest	Good	Fuel				
Chikri	Buxus wallichiana	Forest	Good	Fodder, fuel				
Safeda	Eucalyptus globulus	Forest	Good	Fuel				
Tali	Dalbergia sissoo	Forest	Good	Fuel				
Kiker	Vachellia nilotica	Forest	Good	Fuel				
Khubani	Prunus armeniaca	Forest	Good	Fuel				

ormat 27 A:	Coastal and M	Iarine 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/ Knowledg
r lant 1 ype	Local Name	Scientific Ivanie	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Holder

Format 27 B: (Coastal and Ma	arine Fauna								
1	2	3	4		5	6	7	8	9	10
A sector of Terms	LasalNama	Colord Co. Norrow	H-1-4-4	Loca	l Status	Parts collected	Commercial Uses	Other User		Community/ Knowledge
Animal Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Holder

Format 28	wild Anim	als (Mammal	s, Birds, Re	ptiles, Amphi	bia, Insects, Oth	iers)								
1	2	3	4	5	6	7		7		8	9	10	11	12
	x 1 x		TT 1 1 4	D		Loca	ll Status	T		Mode of Hunting ,		Community know		
Animal type	Local Name	Scientific Name	Habitat	Description	Season when Seen	Past	Present	Uses	Associated TK	Collecting (if any)	Other Detail	Holder		
Mammals	Leopard	Panthera pardus	Forest		All season	Good	Good					Mohd. Umar Farooq		
Mammals	Bear	Ursus arctos	Forest		All season	Good	Good							
Mammals	Jackel	Canis aureus	Forest		All season	Good	Good							
Mammals	Goat	Capra aegagrus hircus	Forest		All season	Good	Good							
Birds	Owl	Strigiformes spp.	Forest		All season	Good	Good							
Birds	Eagle	Haliaeetus leucocephalus	Forest		All season	Good	Good							
Birds	Crow	Corvus splendens	Forest		All season	Good	Good							
Birds	Vulture	Gyps indicus	Forest		All season	Good	Good							

Amphibia	Frog	Rana temporaria	Forest	All season		Good			
Insects	Hosefly	Musca domestica	Forest	All season	Good	Good			
Insects	Honey bee	Apis dorsata	Forest	All season	Good	Good			
Insects	Grass hopper	Melanoplus differentialis	Forest	All season	Good	Good			
Reptiles	Snake	Serpentes spp.	Forest	All season	Good	Good			
Reptiles	Lizard	Hemidactylus frenatus	Forest	All season	Good	Good			
Reptiles	Monitor Lizard	Varanus spp.	Forest	All season	Good	Good			
Reptiles	Porcupine	Erethizon dorsatum	Forest	All season	Good	Good			
Reptiles	Jungle Fowl	Gallus spp.	Forest	All season	Good	Good			

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

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 3	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 othe	Format 31: Any other information of local importance									
1	2	3								
Sr. No.	Information of local importance	Remarks								
1	Large number of vulture can be seen when a wils animal dies,									
2	Large number of bowlis are there in the panchayat.									

End of Part II