

## 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 Forest

**Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by 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 Vaid, 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 available

**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, forestry****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:**

**Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved 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**

## 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
1	Agriculture Department	Red Kidney Beans, Lady Fingers & Cucerbites 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 Name	Local Name	Variety	Land Scene / Habitat	Approx area sown	Local Status		Special feature	Cropping season	Uses	Associated TK	Other Details	Source of Seeds / Plants	Community /Knowledge Holder
							Past	Present							
1	Rice	<i>Oryza sativa</i>	Dhan	K-39,K-343, G-14	Hilly terrain		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food			
2	Maize	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food			
3	Wheat	<i>Triticum aestivum</i>	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food			
4	Mustard	<i>Brassica juncea</i>	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	<i>Phaseolus vulgaris</i>	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		

**Vegetables**

1	Okra	<i>Abelmoschus esculentus</i>	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-		
2	Brinjal	<i>Solanum melongena</i>	Bangun	PPL,PPC, PH4, BR112	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-		

3	Bottle Gourd	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-		
4	Knol Khol	<i>Brassica oleracea</i>	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	<i>Solanum lycopersicum</i>	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	<i>Allium cepa</i>	Pyaj	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, Potassium and folic acid.	-		
7	Potato	<i>Solanum tuberosum</i>	Aaloo	Kufri Sindhuri, Kufri Badsha, Kufri Jyoti	herbaceous annual, requires 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	<i>Pisum sativum</i>	Matar	Bonneville, Arkel, local var.	Grows under cool conditions, Sub 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: Fruit Plants**

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape/ Habitat	Local Status		Source of Seed /Plants	Season of Fruiting	Associated TK	Uses	Other details market/Own use	Communicate/ Knowledge holder
					Past	Present						
Citrus fruits	<i>Citrus Spp.</i>	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.	Marketing, own use	
Grapes	<i>Vitis vinifera</i>	Angoor	Local Dakh, Perlette,	Subtropical, Mid hills	Rare	Rare	Nurseries	July-August		Fruit		
Pomegranate	<i>Punica granatum</i>	Anar, Druni	Ganesh, Kandhari, Local	Subtropical, Mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August		Fruit, anardana	Own use	
Apple	<i>Malus domestica</i>	Sabe	Red Delicious, Golden Delicious, Maharaji, American etc.	Temperate	Rare	Rare	Nurseries	Aug- Oct.		fruit, value addition	Marketing, own use	
Pear	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Mid Hill	Plenty	Plenty	Nurseries	Aug-Sept		Fruit	Own use	

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

**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/ seeds	Associated TK	Part Used	Other details	Community/ Knowledge holder
					Past	Present					
1	Oats	<i>Avena sativa</i>	Javi	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Suitable for fodder	Farmers
2	Sorghum	<i>Sorghum spp</i>	Charry/ Jawar	Sub Tropical / Intermediate	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	Farmers
3	Barseem	<i>Trifolium alexandrinum</i>	Shatala	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
4	Chilli	<i>Capsicum annum</i>	Mirch	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Spices	Dry fruit	Contains good ammount of vitamin A&C	Farmers
5	Ginger	<i>Zingiber officinale</i>	Adrak	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Medicinal value	Rhizome	Spice use	Farmers
6	Garlic	<i>Allium sativum</i>	Thom	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Medicinal value	Clove	Spice use	Farmers

**Format-4 : Weeds**

1	2	3	4	5	6	7	8		9	10	11	12	13
S.No	Plant	Scientific Name	Local Name	Affected Crop	Impact	Land Scape / Habitat	Local Status		Uses if Any	Management Options	Associated TK	Other details like exotic	Community / Knowledge holder
							Past	Present					
1	Guli Danda	<i>Philaris minor</i>	Sitti	Wheat	Compete with crop	Sub Tropical/ intermediate	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local	Farmers
2	Parathenium	<i>Parthenium hysterophorus</i>	Congress grass	All crops	Allelopathy effect, reduce yield	Sub Tropical/ intermediate	Rare	Plenty	Nil	Chemical / Manual Control	Abnoxious weed difficult to manage	Exotic	Farmers
3	Bathua	<i>Chinopodium album</i>	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	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Allelopathy 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	<i>Achinocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	nil	Local	Farmers
6	Nut Grass	<i>Cyprus rotundus</i>	Dilla/Motha	Paddy,maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers

**Format-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	<i>Dicladispa armigera</i>	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
2	Rice	Stem Borer	<i>Scirepophaga incertulas</i>	Dhain ka Kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
3	Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
4	Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
5	Maize	Maize stem Borer	<i>Chilo partellus</i>	Sundi	Chewing & biting	July to sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants	Farmers
6	Maize/Wheat	Termite	<i>Odontotermes obesus</i>	Sink	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers

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

**Format 6: Markets for Domesticated animals**

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

<b>Format 7: Peoplescape</b>										
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







**Format 10 : Soil 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 15 : Domesticated Animals**

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







**WILD BIODIVERSITY**

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

1	2	3	4	5	6		7	8	9	10	11
Plant type	Local Name	Scientific Name	Habit	Habitat	Local Status		Commercial/Own uses	Part collected	Associated TK	Other Details	Community Know. Holder
					Past	Prsent					
Tree	Kail	<i>Pinus wallichiana</i>		Forest		Good	Own use				Well
Tree	Fir	<i>Abies pindrow</i>		Forest		Good	Own use				Well
Tree	Oak	<i>Quercus incane</i>		Forest		Good	Own use				Well
Tree	Safeda	<i>Eucalyptus spp</i>		Forest		Average	Own use				Well
Tree	Mannu	<i>Ulmus wallichiana</i>		Forest		-	-				Well
Tree	Chikri	<i>Buxus wallichiana</i>		Forest		Good	Own use				Well
Tree	Kucch	<i>Vibrum grandifolia</i>		Forest		average	Own use				Well
Tree	Simblu	<i>Berberis lycium</i>		Forest		average	Own use				Well

**Format 19 : Wild Plant Species of Importance**

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (As economic, social, cultural etc.)	Status
1	Kail	<i>Pinus wallichiana</i>		Timber	
2	Fir	<i>Abies pindrow</i>			
3	Oak	<i>Quercus incana</i>			
4	Toote	<i>Morus alba</i>			
5	Dhaman	<i>Grewia optiva</i>			
6	Phulwari	<i>Rosa ascularis</i>			
7	Chikri	<i>Buxus wallichiana</i>			
8	Kucch	<i>Viburnum grandifolia</i>			
9	Simblo	<i>Berberis lycium</i>			

**Format 20 : Aquatic Biodiversity**

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

**Format 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	<i>Nasturtium officinale</i>		Feeding & fodder	
2	Green algae	<i>Volvox tertius</i>		Max. Photosynthesis	
4	Wild Mint	<i>Mentha arvensis</i>		Used in medicine	
5	Bach	<i>Acorus calamus</i>		Used in medicine	
6	Lichen			Air pollution indicator	



**Format 23: Wild Relatives of Crop**

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated Crop	Landscape/ Habitat	Local status		Associated TK	Uses (Usage)	Part used	Other Details	Community/ knowledge Holder
				Past	Present					
Maize	<i>Zea mays</i>	Beans	Terrestrial	Good	Good		As food	Grain		Gujjar
Akhrot	<i>Juglans regia</i>	Grasses	Terrestrial	Good	Good		As food	Fruit		Phari
Potato	<i>Solonum tubersum</i>	Beans	Terrestrial	Good	Good		As food	Zhizome		Kashmiri
Beans	<i>Phaselous vulgaris</i>	Maize	Terrestrial	Good	Good		As food and fodder	Fruit		
Mustard	<i>Brassica compestus</i>	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	<i>Rhododendron arboreum</i>		Forest	Non-commercial			
Phulwari	<i>Rosa ascolaris</i>		Forest	Non-commercial			
Kuchh	<i>Viburnm grandiflorum</i>		Forest	Non-commercial			
Rose	<i>Rosa indica</i>		Forest	Non-commercial			

**Format 25: Fumigate/Chewing Plants**

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

					Good	Good					
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**Format 26 : Timber Plants**

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

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**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	Associated TK	Mode of Hunting , Collecting (if any)	Other Detail	Community know. Holder
						Past	Present					
Mammals	Leopard	<i>Panthera pardus</i>	Forest		All season	Good	Good					Mohd. Umar Farooq
Mammals	Bear	<i>Ursus arctos</i>	Forest		All season	Good	Good					
Mammals	Jackel	<i>Canis aureus</i>	Forest		All season	Good	Good					
Mammals	Goat	<i>Capra aegagrus hircus</i>	Forest		All season	Good	Good					
Birds	Owl	<i>Strigiformes spp.</i>	Forest		All season	Good	Good					
Birds	Eagle	<i>Haliaeetus leucocephalus</i>	Forest		All season	Good	Good					
Birds	Crow	<i>Corvus splendens</i>	Forest		All season	Good	Good					
Birds	Vulture	<i>Gyps indicus</i>	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 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.)

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

*End of Part II*