

Annexure 1

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: Shaheeen Ajaz

Age 34

Gender: Male

Address: Saj 2

Area of specialization:

2) Name: Ghulam Mustafa

Age:34

Gender:Male

Address: Saj 2

Area of specialization:

3)Name: Nazir Hussain (ST)

Age:40

Gender: Male

Address Saj 2

Area of specialization:

4)Name:Moht Aslam

Age:38

Gender:Male

Address: Saj 2

Area of specialization:

5)Name:Rahina Kouser (ST)

Age :30

Gender: Female

Address: Saj 2

Area of specialization:

6)Name:Moht Rafiq

Age:55

Gender:Male
Address: Saj 2
Area of specialization:
7)Namme : Sariya Kouser
Age : 30
Gender: Female
Address: Saj 2
Area of specialization:

Annexure-2

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources jurisdiction of the village

1) Name : Maksoom Begum

Age: 60yr

Gender: Female

Address: Saj B

Area of specialization: Gyane

Location from which the person accesses biological material: Saj A-B Bathian

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:

Perception of the practitioner on the resource status:

Medicinal Use:

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries and forestry
1) Name of the Chairperson: Abrar Hussain
Age: 25yr
Gender:Male
Address:Saj 2
Area of specialization: M.Phil Zoology (entmology0
2) Name of the Chairperson :Mohd Ahmed
Age:63
Gender:Male
Address:Saj 2
Area of specialization:
3) Name of the Chairperson: Mohd Azam
Age:60
Gender:Male
Address:Saj 2
Area of specialization:
4) Name of the Chairperson: Mohd Imtiaz Bhatti
Age: 22
Gender: Male
Address: Saj 2
Area of specialization: MSC Zoology

Annexure 4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR	
1) Contact Person:	Rural Development Department
Name and Address:	Mohd Rafiq (Secetary Panchayat)
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	

FORMAT-1: CROP PLANTS

S.No	Crop	Scientific Name	Local Name	Variety	Land Scape / 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	Solpy	40hr.	Abduant	Normal	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food		Agri Dept.	Farmers
2	Maize	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Normal	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food		Agri Dept.	Farmers
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		Agri Dept.	Farmers
4	Mustard	<i>Brassica juncea</i>	Sarian	Pusa bold, Gobi Sarson	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	Agri Dept.	Farmers
5	Red Kidney Beans	<i>Phaseolus vulgaris</i>	Rajma	Local Variety	Hilly/Temprate		Rare	Low	Medium Yielding	Kharif (May to October)	Source of Protein/Energy	Prefered Food for parties as well as Domestic Consumption	Food	Agri Dept.	Farmers
Vegetables															
1	Okra	<i>Avenmoschus esculentus</i>	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local	Farmers
2	Brinjal	<i>Solanum melongena</i>	Bangun	PPL,PPC, PH4, BR112	sub tropical & intermediate		Normal	Low	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local	Farmers
3	Brottle Gourd	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local	Farmers

7	Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa Rubi, Pusa Early Dwarf, Manisha Plus/ local	Sub Tropical & intermediate		Normal	Low	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.	Used as Vegetable, Salad, Soup	Agri Dept/ Local	Farmers
8	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.	-	Agri Dept/ Local	Farmers

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 Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
					Past	Present						
Citrus fruits	<i>Citrus Spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnow etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	subtropical, mid hills		Low	Nurseries	through out year		Fruit, Pickling, Squashes etc.	Marketing , own use	
Guava	<i>Psidium guajava</i>	Amrood	Local, L-49, Allahabadi Safeda etc.	subtropical		Normal	Nurseries	July-August		Fruit	Marketing , own use	
Pear	<i>Pyrus spp.</i>	Nakh	Patharmakh, China pear	Mid hill			Nurseries	Aug-Sept		Fruit	own use	
Peach	<i>Prunus persica(L.) Batsch.</i>	Robada	July Elberta, Quetta	mid hill	rare	rare	Nurseries	June-July		Fruit	Marketing , own use	
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	local apricot, Bebcu	Mid hills		Low	Nurseries	June-July		Fruit	own use	
Walnut	<i>Juglans regia</i>	Khor	Burzal, Kagzi, hard shelled	Temperate	plenty	Low	Nurseries, locally raised	sept-Oct		Dry fruit	Marketing , own use	

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Sorghum	<i>Sorghum spp</i>	Charry/ Jawar	Sub Tropical / Intermediate	Rare	Low	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	Farmers
Barseem	<i>Trifolium alexandrinum</i>	Shetal	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
Chilli	<i>Capsicum annum</i>	Mirchi	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Viiage Head	Dry fruit	Contains good ammount of vitamin A&C	Farmers
Garlic	<i>Allium Sativum</i>	Thom	Sub Tropical / Intermediate	Rare	Common	Agri Dept /Local	Medicinal value	Clove	Spice use	Farmers

Format 4: Weeds

1	2	3	4	5	6	7		8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
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
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, Phosphorous & potash	Used as green vegetable	Farmers
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

Format 5: Pests of Crops

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
Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Rice	Stem Borer	<i>Scirepophaga incertulas</i>	Dhain ka Kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Maize stem Borer	<i>Chilo partellus</i>	Sundi	Chewing & biting	July to sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants	Farmers
Maize/Wheat	Termite	<i>Odontotermes obesus</i>	Sink	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
Brijjal/ Tomato	Fruit Borer	<i>Helicoverpa armigera</i>	Sundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
Miaze, Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
Mustard	Aphid	<i>Lipaphis erysimi</i>	Aphid/ Tella	Sub Troopical/Intermediate	Dec-March	Chemical control	-	Nil	Farmers

Other details may include possible reasons for insects/animal attack

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

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: 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
Muslim 100%	Mostly Farmer	Agriculture & Job & Bussiness								
<p>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</p>										

Format 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Feature s and approx. area	Ownersh i p	General flora	General fauna	User groups	Manageme nt practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
120 ha	4	120 ha			Govt.				Farmer				

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

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
Bawli			Govt.			Irrigation & Domestic Purpose						
Tap Water												
Hand Pump												

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well 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
Clay	Brown		Govt. & Panchayat	Mannu			
				Khidale			
				Akhroot			
				Fruit PlantChinar			
				Taman			
				Toot			

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 use	Community/ Know. Holders
						Past	Present					
	Simlu	Berberius lyceum	Local	Dry Land	Naturally	Common	Common		Fruit Stem			
	Bang	Canabis stavia	Local	Dry Land	Naturally	Common	Common					
	Sep-mak	Arisaema tortulesum	Local	Wet land	Naturally	Common	Common		W.p			
	Garande		Local		Naturally	Common	Common					
	Malook	Diospyrous lotous	Local	Dry Land	Naturally	Common	Common		Stem			
	Bissa	Salix alba	Local		Naturally	Common	Common					

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide)
 Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Small Ruminants	Sheep Goat	Ovis aries Capra hircus	Cross Breed Bakarwali 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
	Gaan	Bostatrus	Local			sufficient	sufficient	Milk				
	Behins	Bubalus	Local			sufficient	sufficient					
	Ghoda	Equsscatallas	Local			sufficient	sufficient	Mutton, Milk				
	Billi	Feris catus	Local			sufficient	sufficient					
	Kutta	Caris lapus	Local			sufficient	sufficient	Transpor ation				

Uses include milk, meat, skin, fur and etc

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. Holders
						Past	Present					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Mannu	<i>Ulmus Walichiana</i>		Timber	
2	Tooni	<i>Toona ciliata</i>		Timber	
3	Kikar	<i>Accia nelotica</i>		wood	
4	Bisa	<i>Salix alba</i>		wood	
5	Safeeda	<i>Eucalptus</i>		Timber	
6	Toot	<i>Morus alba</i>		wood	
7	Bana	<i>Vitex negundo</i>		wood	
8	dhaman	<i>Grewia optiva</i>		fodder	
9	Phagora	<i>Ficus palmata</i>		wood	
10	Kanthi	<i>Pyrus pashia</i>			
11	Granda				
12	Phalwari	<i>Rosa aesculars</i>			
13	Simblu	<i>Berberies lycum</i>			

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local Status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Herb	gucchi	Morchella		Local	Good	average		Average	whole		
shrub	Simblu	berberis lycium		Forest	Good	average			roots		
Tree	Bana	vitex negundo		Forest	Good	average			leaves		

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)
 Other details: Harvesting period /Perennial/annual/seasonal

Format 23: Wild relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
	Nil	Nil	Nil							

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

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.)
	Bisa	Salix alba	Tree	Forest		Common
	Mannu	Vitex negundo	Tree	Forest		Common
	Timar	Zantho Xylum Aurmatum	Tree	Forest		Common
	Akhroot	Juglams regia	Tree	Local		Common

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

Format 30: Fauna

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
1	Gedhar	Canis Aureus	Mammals	Forest	Common
2	Cova	Coruws	Birds	Forest	Rare
3	Lizard	Lacertilia	Reptiles	All Over	Common
4	Koel	Asian Koel	Birds	Forest	Common

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

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks

End of Part II