

Annexure 1

iversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to % belonging to SC/ST)

Chairperson Ahter Begum

Ward no. 9

Occupation: Agriculture

Name: Mohd Amin

Ward no. 1

Occupation:

Name: Areena Begum

Ward no. 2

Occupation:

Name: Mohd Jamil

ka Ward no. 3

ation:

andeep Kumar

ka ward no. 4

ation:

evial Banoo

on Ward no. 5

ation:

lohd Yaqoob

ka Ward no. 7

ation:

Annexure-2

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

1) 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:
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 MOHD SADAQ

Age:54yrs

Gender:male

Address-Kotranka

Area of specialization:

2) Name of the Chairperson FAQEER MOHD

Age:58yrs

Gender:male

Address: Kotranka

Area of specialization:

3) Name of the Chairperson MOHD JAMIL

Age:56yrs

Gender:male

Address: Kotranka

Area of specialization:

4) Name of the Chairperson CHAMIL SINGH

Age:52yrs

Gender:male

Address: Kotranka

Area of specialization:

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:

Name and Address:

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 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
	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil

End of Part I

Part II
PBR – Formats
AGROBIODIVERSITY
Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Shrub	<i>Oryza sativa</i>	Dhan	K-39,K-343, G-14	Slope	250 Ha	Rare	Rare	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food			
Herb	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills	300 Ha	Rare	Rare	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food			
Vine	<i>Phaseolus vulgaris</i>	Rajma	Local Variety	Hilly/Temprate	100 Ha	Rare	Normal	Medium Yielding	Kharif (May to October)	Source of Protein/Energy	Prefered Food for parties as well as Domestic Consumption	Food		

Vegetable

Vegetable	<i>Solanum melongena</i>	Bangun	PPL,PPC, PH4, BR112	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-		
Vegetable	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate		Normal	Abundant	Green Veg	Kharif	Green Veg	Green Veg	-		
Vegetable	<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,Potashium and folic acid.	-		

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						
Tree	<i>Prunus persica</i>	Aaroo	July Elberta, Quetta	Mid hill	Rare	Plenty	Nurseries	June-July		Fruit	Maketing , own use	
Tree	<i>Juglans regia</i>	Akrote	Burzal, Kagzi, hard shelled	Temperate	Plenty	Plenty	Nurseries, locally raised	sept-Oct		Dry fruit	Maketing , own use	

FORMAT-3 FODDER CROPS/SPICES

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					
Grass	<i>Trifolium alexandrinum</i>	Shatala	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
Shrub	<i>Capsicum annum</i>	Mirch	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Spices	Dry fruit	Contains good amount of Vitamin A&C	Farmers
Shrub	<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
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					
Weed	<i>Avena spp</i>	Jungli Javi	Wheat	Compete with main crops for space and nutrients	Sub Tropical/ intermediate	Plenty	Plenty	Green Fodder for animal	Chemical / Manual Control	Source for High quality protein	Local	Farmers
Weed	<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
Weed	<i>Achinocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	Nil	Local	Farmers
Weed	<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
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	Cut Worm	<i>Agrotis spp</i>	Makki da kida	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	Stem	Chenopodium album	Bathua	Sub Tropical to Temperate	June to July	Pesticides			

Format 6: Markets for Domesticated Animals

1	2	3	4	5	6	7	8	9
Name of the markets & location	Weekly (D)/ Fornightly (D)/ Monthly (D)/ Biannual (M) Annuual (M) {1}	Type of Animals brought and sold {2}	Types and average Number of animals transacted in a day	Place from which animals are brought	Place to which the animal animals are sold/transported	Name and location of fish market	Type of fishes solid	Source of fish
No organised market exists however sheep and Goats are sold in Rajouri Town	No organised calling	Sheep & goats	02 Sheep & 01 goats approx.	all local area	Rajouri Town	-	-	-

Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element types	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 (Nallah)		Huge hydroelectric potential	State & Forest	Algae	Snake	Irregation	Farmer	Well				Local
Ponds		Habitat for flora & funa			Frog	Drinking		Normal				
					Fish							
Canals		Water supply										
Dugg-well		drinking water				Drinking		Well				
streams		recharge ground			Fish							
Nallah originate from Khasrani and fall in Budhal area		Irrigation	Govt	Algae	Frog	Irrigation	Farmers					

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Tree	Pear	<i>Pyrus spp.</i>		Wild as well as cultivated	Rare	Abundant	Local	Summer	Fruit		Local	
Tree	Apricot	<i>Prunus persica</i>		Wild as well as cultivated	Abundant	Abundant	Local	Summer	Fruit		Local	

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					
Tree	Akhrot	<i>Juglan regia</i>		Forest	Natural			Antioxidant	Bark,fruit		Own use	Aware
Shrub	Simlu	<i>Berberies lycium</i>		Forest	Natural			anti-boitic	Leaves, root		Own use	Aware
Shrubs	Bhang	Canabis Sativia		Forest	Natural	Improved	Abundant	Medicinal Use	Leaves	N.A		
Doob Grass	Khabal	<i>Cyanodan dactylon</i>	Wheat	Forest	Natural	Improved	Abundant	Fodder/ Relegious use	Hand weeding	do		
	Sap mak	Arisaema Tortulosum	Local	Local land	Natural	Improved	Abundant		Tuber			
Herbs	Guchi	Morchella esculanta	Herbs	Forest	Natural	Improved	Rare	WholePart	N.A	N.A		

Format 14 : Timber Plants/Trees

1	2	3	4	5		6	7	8	9	10
Plant type	Local Name	Scientific Name	Habitat	Local Status		Wild/Home-garden	Other uses (multi)	Associated TK	Other Details	Community/ Know. Holder
				Past	Prsent					
Tree	Oak	<i>Quercus incane</i>	Forest	Good	Good	Wild	Fuel			
Tree	Bankhori	<i>Aesculus indica</i>	Forest	Good	Good	Wild	Fuel			
Tree	Popular	<i>Populus deltoides</i>	Forest	Good	Good	wild	Fuel			
	Besa	Salix Alba	Local land	Abundant	Abundance	Home	Chewing / fruits			
	Safeda	<i>Eucalyptus spp.</i>	Local land	Abundant	Abundance	Wild	Furniture			

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 Goat	<i>Ovis aries Capra hircus</i>	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

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					

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

WILD BIODIVERSITY

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

1	2	3	4		6		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	safeda	<i>Eucalyptus spp</i>		Forest	Abundant	Rare	Own use				
Tree	Mannu	<i>Ulmus walichaina</i>			Abundant	Abundant	Own use				
Tree	chikri	<i>Buxus walichiana</i>		Forest	Abundant	Rare	Own use				
Tree	Kucch	<i>Viburnum grandifolia</i>		Forest	Abundant	Average	Own use				
Tree	Simblu	<i>Berberis lycium</i>		Forest	Abundant	Average	Own use				

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	Toote	<i>Morus alba</i>	Local		
2	Dhaman	<i>Grewia optiva</i>	Local		
3	Phulwari	<i>Rosa ascularis</i>	Local		
4	Chikri	<i>Buxus walichaina</i>	Local	As economin, fuels	
5	Kucch	<i>Vibrum grandifolia</i>	Local		
6	Simblo	<i>Berberis lycium</i>	Local	Medical use	

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, Swal	<i>Volvox tertius</i>		Thallus Plant	Aquatic	Good	Good	Photosynthesis			Gujjar
Fish, Machi	<i>Oncorhynchus mykiss</i>		Sally	Aquatic	Good	Good	Food			
Leech/ Jook	<i>Hirudo medicinalis</i>		Blood Sucker	Aquatic	Good	Good				
Water snake	<i>Nerodia sipedon</i>	Local		Aquatic	Good	Good				
Crab	<i>Cancer</i>	Local	Tentacle	Aquatic	Good	Good				

Format 21 : Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Water cress	<i>Nasturtium officinale</i>		Feeding & fodder	
2	Green algae/ Swal	<i>Volvox tertius</i>		Max. Photosynthesis	

Format 22 : Wild Plants of Medicinal impoartance

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	<i>Morchella esculanta</i>	ND	Forest	Good	Average			Whole		
Herb	Banafsha	<i>Viola oderata</i>	Natural	Forest	Good	Average			Flower		
Shrubs	Kucch	<i>Viburnum grandiflorum</i>	Natural	Natural	Abundant	Abundant			Fruits		
Herb	Simlu	<i>Berberis lyceum</i>			Abundant	Abundant			Fruits		
Shrubs	Bhang	<i>Cannabis sativum</i>			Abundant	Abundant			Whole part		

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

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
Phalwari	<i>Rosa ascolaris</i>	natural	Forest	Non-commercial			
Kuchh	<i>Viburnum grandiflorum</i>	natural	Forest	Non-commercial			
Rose	<i>Rosa indica</i>	natural	Local land	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>	Natural	Dry land	Good	Good			Flower		Pahari
Herb	Pudina	<i>Mentha arvensis</i>	Natural	Mist place	Good	Good			Leaf		Gujjar
Herb	Banafsha	<i>Viola odorata</i>	Natural	Wet land	Good	Good			Flower		Kashmiri
Tree	Besa	Salix alba		Mist land	Good	Good					

Format 28: wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, Others)

1	2	3	4	5	6	7		8	9	10		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					
	Goat	<i>Capra aegagrus hircus</i>	Forest		All season	Good	Good					
Birds	Owl	<i>Strigiformes</i>	Forest		All season	Good	Good					
Reptiles	Snake	<i>Serpentes</i>	Forest		All season	Good	Good					
	Lizard	<i>Hemidactylus frenatus</i>	Forest		All season	Good	Good					
Amphibia	Frog	<i>Rana temporaria</i>	Forest		All season	Good	Good					
Insects	Hosefly	<i>Musca domestica</i>	Forest		All season	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.)
1	Simlu	<i>Berberis lyceum</i>	Shrub	Dry land	Apr-May	Common
2	Bair	<i>Zizyphus jujuba</i>	Tree	Mist land	Apr-May	Common
3	Kiker	<i>Acacia Nilotica</i>	Tree	Dry land	Apr-May	Common
4	Ban Khor	<i>Aesculus indica</i>	Tree	Wet land	Apr-May	Common
5	Safeda	<i>Eucalyptus spp.</i>	Tree	Wet land	Apr-May	Common
6	Rein	<i>Quercus Indica</i>	Tree	Wet land	Apr-May	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	<i>Scientific Name</i>	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
1	Ged	<i>Canis aureus</i>	Mammals	Forest	Common
2	Cova	<i>Corvus</i>	Birds	Forest	Common
3	Setala	<i>Lacertilia</i>	Reptile	All over	Common
4	Mendak	<i>Anura</i>	Reptile		
5	Shehed ki Makhi	<i>Apis</i>	Insects		

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