

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti : Khanpur

Taluk: Ramgarh

District: Samba

State:J&K UT

Geographical Area of the Panchayat Samiti: 3 sq. Km

Population under the Panchayat Samiti: Total

Male: 1450

Female: 1050

Total: 2500

Habitat and Topography:

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation: 21/10/2020

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

Diversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by less than one third to be women and not less than 18% belonging to SC/ST)

Chairperson: Champa Devi (Sarpanch)

Occupation: Housewife

Age: 43

Name: S/o Tenu Ram

Occupation: Ex-servicemen

Age: 51

Name: S/O Om parkash (SC)

Occupation: Shopkeeper

Age: 55

Name: Ram S/o Punnu Ram

Occupation: Camp

Occupation: Ex-Servicemen

Age: 615

Name: Devi W/o Parshotam Kumar

Occupation: Housewife

Age: 40

Name: Singh S/o Jabar Singh

Occupation: Ex-servicemen

Name: Singh S/o Veer Singh

Occupation: Ex-servicemen

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 : Inderjeet choudhary S/o Punnu Ram (Livestock)

Age: 75

Gender:M

Address: Khanpur

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: Sodagar mal S/o Babu Ram

Age: 65

Gender: M

Address: Khanpur

Area of specialization: Agriculture

2) Name of the chairperson :

Age:

Gender:

Address:

Area of specialization:

3) Name of the chairperson :

Age:

Gender:

Address:

Area of specialization:

4) Name of the chairperson :

Age:

Gender:

Address:

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:j

Name and Address:

2) Contact Person: Pvt. Teacher

Name and Address: Sh. Navdeep Singh S/o Balbir Singh R/o Khanpur, W.No. 03 age 27 yrs

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

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							
Rice	<i>Oryza sativa</i>		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

The format 1 could be used for documenting information about Millets, Cereals, Oil Seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year - significant changes in ecology occurred - and compare the as past and present (past= before the particular incident). We have to list out all possible features of a crop/ plant and give short forms of the same. if relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

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						
Woody	<i>Magnifera indica</i>	Amb	Dashera langra fazli	Sub-Tropical	Good		Grafted	March to August				
Woody	<i>Psidium guajava</i>	Amrood	Allahabad	Sub-Tropical	Good		Grafted	March to August	Domesticated locally			
Woody	<i>Citrus limon</i>	Nimboo	Kagzi	Sub-Tropical	Good		Grafted	March to October	Domesticated locally			
Woody	<i>Ziziphus mauritiana</i>	Ber	Umran	Sub-Tropical	Good		Grafted	March to November	Domesticated locally			
woody	<i>Syzygium cumini</i>	Jamun	Wild	Sub-Tropical	Good		Grafted	March to July	Domesticated locally			

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					
	<i>Trifolium alexandrinum</i>	Barseem	Winter			Agriculture department	Rich in calcium and phosphorus			
		Charri								

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

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					
	<i>Phalaris Minor</i>	Sitti	Wheat	Nutrition light	Grows with wheat crop	Plenty	Plenty	Nil				
	<i>Mentha specata</i>	Jungli Pudina	Mustard		Grows with mustard	Plenty	Plenty					
	<i>Cyperus rotundus</i>	Deela										
	<i>Parthenium hysterophorus</i>	Congrass Grass										

Other details may include how long the weeds have been suppressing/ adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

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
Paddy	Grass hopper	<i>Caelifera</i>	Tidola		June to November	Stray the bunds	Both nymphs	Adults area Locust	
Wheat	Field rats	<i>Rattus argentiventer</i>	Kees	All areas of earth	Through out year	Indigenous traps			

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] - 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 resouces accessed and seasons of access	Landscape management practices	Resource management practices	Cast/ Tribe	Social condition	Nature of inhabitants	No. of HHs
General - 2040	Service / Agriculture	Agricultue					Sikjh			250
							Rajput			15
							Jatt			50
							Brahmin			4
										100
SC - 450	Service / Agriculture	Agricultue					Bhagat			
							Ramdassia			2
Muslim -10		Livestock								

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 8: Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Pond			Dry / seasonal										
Agriculture													

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
Canal		Stateland		Frog, Fishes		Irrigation, Cattle, washing						
Borewell		Stateland, private		Frog, Fishes		Irrigation, Cattle, washing						
Tubewell		Stateland, private		Frog, Fishes		Irrigation, Cattle, washing						
Hand pump		Private		Frog, Fishes		Irrigation, Cattle, washing						

Examples : Ponds, Streams, Rivers, Lake, Canal, Tubewell,Dug well etc.

Domesticated Biodiversity

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						
Mango	Aam	<i>Mangifera indica</i>	Malta	Sub-Tropical	Good	Good	Seedling	Mar-August		Locally raised	Own uses	Popular in local
Litchi	Litchi	<i>Litchi chinensis</i>	Rose	Sub-Tropical	Good	Good	Seedling	Mar-July	Table	Locally raised	Own uses	Popular in local
Guava	Amrood	<i>Psidium guajava</i>	Pink	Sub-Tropical	Good	Good	Seedling	Mar-August	Table	Domesticated locally	Own uses	Popular in 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					
	Jungli putna	<i>Mentha arvensis</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
	Bhang	<i>Canabis sativa</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
	Jamun	<i>Syzygium cumini</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/ Fruit	N.A	N.A	Generally, held by community
	Tali	<i>Dalbergia sissoo</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community

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 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	Present					
Trees	Kikar	<i>Vachellia nilotica</i>	Lower shivalik	Rare	Rare	wild	Own	Nil	Nil	Generally held by the community
Trees	Mango	<i>Mangifera indica</i>	Lower shivalik	Abundant		wild/home	Own	Nil	Nil	Generally held by the community
Trees	Safeda	<i>Manilkara zapota</i>	Lower shivalik	Abundant		wild/home	Own	Nil	Nil	Generally held by the community
Trees	Toot	<i>Morus alba</i>	Lower shivalik	Abundant		wild/home	Own	Nil	Nil	Generally held by the community
Trees	Draink	<i>Melia azedarach</i>	Lower shivalik	Abundant		wild/home	Own	Nil	Nil	Generally held by the community
Trees	Simbal	<i>Bombax</i>	Lower shivalik	Abundant		wild/home	Own	Nil	Nil	Generally held by the community

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					
Sheep	Bhed	<i>Ovis aries</i>	Local	Small size	Backyard			Milk		Yes	Milk	Local
Goat	Bakri	<i>Capra aegagrus hircus</i>	Local	low weight	Backyard			Milk		Yes	Milk	Local
Cow	Ghan	<i>Bos taurus</i>	Local	High	Backyard			Milk		Yes	Milk	Local
Buffalo	Manj	<i>Bubalus bubalis</i>	Local	High	Backyard			Milk		Yes	Milk	Local

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					

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

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 use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Ber	<i>Ziziphus mauritiana</i>	Tree	Sub-Tropical			Own use	Wood	Unknown		self observed
Tree	Talli	<i>Dalbergia sissoo</i>	Tree	Sub-Tropical			Own use	Wood	Unknown		self observed
Tree	Draink	<i>Melia azedarach</i>	Tree	Sub-Tropical			Own use	Wood	Unknown		self observed
Tree	Amb	<i>Magnifera indica</i>	Tree	Sub-Tropical			Own use	Wood	Unknown		self observed

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/ Knowledge Holder
					Past	Present				

Other details may include mode of catching fish, time of availability, breeding time, etc

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					
	Jungli putna	Menths specata									
	Bhang	Cannabis									

Note: Uses: Food/Veterinary Medicine/ Human Medicine (sub-division 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					
Bhang	Cannabis		wild	Sub-tropical			Available			
Jamun	Syzygium cumini		wild	Sub-tropical			Available			

Note: Other details may include 'function as a substitute plant' in the absence of a particular 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/ Knowledge Holder
Bogan villa	<i>Bougainvillea</i>						
Gulab	<i>Rosa</i>						
Bottle brush	<i>Callistemon</i>						

Format 26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Safeda	<i>Manilkara zapota</i>	Sub-tropical						Nil
Talli	<i>Dalbergia sissoo</i>	Sub-tropical						Nil

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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.)

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.)

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