

## People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti:- Chakwa

Taluk: Chakwa

District: Ramban

State: Jammu and Kashmir

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total

Male

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

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

## Annexure 1

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

1) Name of the Chairperson: Krishan Lal SO Bhem Sain 9697601316

Age: 50

Gender: M

Address: Chakwa

Area of specialization: Sarpanch

2) Name: Hens Raj SO Bhagat Ram 9906137237

Age: 45

Gender: M

Address: Chakwa

Area of specialization: Shopkeeper

3) Name: Mulkh Raj 9596676351

Age: 40

Gender: M

Address: Chakwa

Area of specialization: Panch

4) Name: Shamina Begum Wo Mohd Rafiq

Age: 29

Gender: F

Address: Sadota Chakwa

Area of specialization: Shopkeeper

5) Name: Neelma Devi Wo Romesh Chander

Age: 30

Gender: F

Address: Chakwa

Area of specialization: Housewife

6) Name: Shiv Lal So Chand

Age: 52

Gender: M

Address: Chakwa

Area of specialization: Farmer

7) Name: Bhushan Singh SO Bhajrangi

Age: 35

Gender: M

Address: Chakwa

Area of specialization: Farmer

**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**

Name :Hens Raj So Mir Chand

Age:55

Gender:M

Address: Chakwa

Area of specialization:Farmer                      9622104132

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

Name:Man Singh SO Amru

Age:53

Gender:M

Address: Chakwa

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

Name: Punjab Singh

Age:70

Gender:

Address:

Area of specialization: Farmer

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**

Name : Chail Singh SO Bishwa Nath

:55

Gender:M

Address: Chakwa

Area of specialization: Farmer

Name : Khem Raj So Amru 8899156318

: 51

Gender:M

Address: Chakwa

Area of specialization: Farmer

Name of the Chairperson: Sansar Chand

:69

Gender:

Address: Chakwa

Area of specialization:

Name of the Chairperson:Ramesh Kumar 8803675635

:37

Gender:

Address: Chakwa

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**

Contact Person: Radhy Sham (Master) 9419125561

Name and Address:

Contact Person:

Contact Person:

Name and Address:

Contact Person:

Name and Address:

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





**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						
Apple	<i>Malus domestica</i>	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Rainy	Provide Nutrient and Energy	Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Pear	<i>Pyrus communis</i>	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Peach	<i>Prunus persica</i>	Asroo	FLA 16/13 July Alberta, Quetta, Florda sum, Florda Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Apricot	<i>Prunus armeniaca</i>	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Plum	<i>Prunus saliciana</i>	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloocho	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh fruit,		Farmer/ Department of Horticulture
Walnut	<i>Juglans regia</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy		Dry Fruit		Farmer/ Department of Horticulture
Fig	<i>Ficus carica</i>	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture











**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
Nil										

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





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





**Format 11: FURIT TREES DOMESTICATED BIODIVERSITY**

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						
Apple	<i>Malus domestica</i>	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Rainy	Provide Nutrient and Energy	Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Pear	<i>Pyrus communis</i>	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Peach	<i>Prunus persica</i>	Asroo	FLA 16/13 July Alberta, Quetta, Florida sum, Florida Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Plum	<i>Prunus saliciana</i>	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloochoa	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh fruit,		Farmer/ Department of Horticulture
Walnut	<i>Juglans regia</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy		Dry Fruit		Farmer/ Department of Horticulture
Pomegranate	<i>Punica aratanum</i>	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Fig	<i>Ficus carica</i>	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture



**Format 13: Ornamental Plants/ Trees/Climbers 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
Ornamental Tree	Chir	<i>Pinus roxburghii</i>	-	Forest	Non commercial	Ornamental/	Used in eye, ear , throat diseases	Evergreen conifer, found in lower reaches	Floriculturists/ Nurserymen/Gardeners
						Landscaping			
Ornamental Tree	Chinar	<i>Platanus orientalis</i>	-	Nurseries	Non commercial	Ornamental/	-	Leaves give pleasing ground cover during fall	Floriculturists/ Nurserymen/Gardeners
						Landscaping			
Ornamental Tree	Dayar	<i>C.deodara</i>		Forest	Non commercial	Ornamental/ Landscaping	Antipyretic, antiseptic	Evergreen conifer, Found in higher reaches	Floriculturists/ Nurserymen/Gardeners
Ornamental Shrub	Mor Pankh	<i>Thuja compacta</i>	-	Nurseries	Non commercial	Ornamental/	Used for Respiratory tract infection	Treatment of cold sores, skin infections	Floriculturists/ Nurserymen/Gardeners
						Landscaping			

Bushes/Shrubs	Panj Tara	<i>Lagerstromia indica</i>	-	Nurseries	Non commercial	Ornamental/	Astringent, wound healing	Pink flowers	Floriculturists/ Nurserymen/Gardeners
						Landscaping			
Bushes/Shrubs	Nerium	<i>Nerium oleander</i>	-	Nurseries	Non commercial	Ornamental/	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
						Landscaping			
Herbs Seasonals	Gutta	<i>Tagetes patula</i>	-	Nurseries	Non commercial	Ornamental/	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/Gardeners
						Landscaping			
Herbs Seasonals	Gulab	<i>Rosa spp</i>	-	Nurseries	Non commercial	Ornamental/	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/Gardeners
						Landscaping			

**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					
Kail		<i>Pinus wallichiana</i>		Plenty	Plenty					
Deodar		<i>Cedrus deodara</i>		Plenty	Plenty					
Chir		<i>Pinus roxburghii</i>		Plenty	Plenty					
Banj		<i>Quercus leucotrichophora</i>		Plenty	Plenty					
Sheesham		<i>Dalbergia sissoo</i>		Plenty	Plenty					
Akrot		<i>Juglans regia</i>		Plenty	Plenty					

**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	Bhead	Ovis-aries	Local	Small size , rough coat	Flock rearing	Plenty	Rare	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads
Sheep	Bhead	Ovis-aries	Rambouillet cross	Large size, fine wool	Flock rearing	Rare	Plenty	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	Capra-hircus	Local	Small size, low body weight	Flock Rearing	Plenty	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	Capra-hircus	Kaghani (Bakerwali)	Large size, high body weight	Flock rearing	Rare	Plenty	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads
Goat	Bakri	Capra-hircus	Beetal	Large size, high body weight	Flock rearing	Rare	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads











**Format 20: Aquatic Diversity; Panchayat: Barron, Block: Batote**

1	2	3	4	5	6		7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Uses	Associated TK	Other Detail	Community/ Knowledge Holder
Flora	Nil	Nil	Nil	Nil	Past	Present	Nil	Nil	Nil	Nil
Fauna										
Desi Alma	<i>Schizothorax sps</i>	Indigenous cold water hill stream fishes	Elongated, fusiform with short snout, sub cylindrical body with short, blunt and slightly prognathous upper jaw.	Snow fed Streams, Nallah	do	do	Food Fish	--	Breeding period Feb to Jun, Feeds on natural food, (Plankton, insects trash fish. Mode of catching – Gills Net, Hook	Mahigirs, Deptt. of Fisheries and Vendors
Common	<i>Cyprinus carpio</i>	Exotic	Deep laterally compressed body which is dark brown mouth subterminal with thick lips rostral and maxillary barbels present	Reservoir, Lakes and Sars	do	do	do	--	Breeding period March to April, Feeds on natural and artificial foods Mode of catching – Cast Net and Drag Net	Do



**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					
	Trimal				Plenty	Plenty			Stem		
	Kau				Plenty	Plenty			Leaves		
	Kail	<i>Pinus wallichiana</i>			Plenty	Plenty			Stem/root		
	Chir	<i>Pinus roxburghii</i>			Plenty	Plenty			Oil		
	Sheesham	<i>Dalbergia sissoo</i>			Rare	Rare			Leaves /root		

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					
Jungli palak	<i>Rumex dentatus</i>		Hilly & temperture	Available	Available		Leaf			
Kamblu	<i>Pennisetum glaucum</i>		Hilly & temperture	Available	Available		Pulp of fruit			
Chinbgeriseq	<i>Vicia hirsuta</i>		Hilly & temperture	Available	Available		Leaf			

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	Associated Tk	Other Details	Community/ Knowledge Holder
Chir	<i>Pinus roxburghii</i>	-	Terrestrial, Intermediate	Non commercial	Used in eye, ear , throat diseases	Evergreen conifer, found in lower reaches	Floriculturists/ Nurserymen/Gardeners
Chinar	<i>Platanus orientalis</i>	-	Terrestrial, Intermediate	Non commercial	-	Leaves give pleasing ground cover during fall	Floriculturists/ Nurserymen/Gardeners
Dayar	<i>C.deodara</i>	-	Terrestrial, Intermediate	Non commercial	Antipyretic, antiseptic	Evergreen conifer, Found in higher reaches	Floriculturists/ Nurserymen/Gardeners
Mor Pankh	<i>Thuja compacta</i>	-	Terrestrial, Intermediate	Non commercial	Used for Respiratory tract infection	Treatment of cold sores, skin infections	Floriculturists/ Nurserymen/Gardeners
Panj Tara	<i>Lagerstromia indica</i>	-	Terrestrial, Intermediate	Non commercial	Astringent, wound healing	Pink flowers	Floriculturists/ Nurserymen/Gardeners
Nerium	<i>Nerium oleander</i>	-	Terrestrial, Intermediate	Non commercial	Epilepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
Gutta	<i>Tagetes patula</i>	-	Terrestrial, Intermediate	Non commercial	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/Gardeners
Gulab	<i>Rosa spp</i>	-	Terrestrial, Intermediate	Non commercial	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/Gardeners



**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		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
	Akhrot	<i>Juglans regia</i>		Temperate	Plenty		Dry fruit				
	Timbru	<i>Zanthoxylum armatum DC</i>		Sub-tropical	Plenty		Leaves				
	Banna	<i>Vitex negundo</i>		Sub-tropical Temperate	Plenty		Leaves				
	Pudina	<i>Mentha</i>		Sub-tropical	Plenty		Leaves				

### 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				
Akhrot	<i>Juglans regia</i>	Temperate	Plenty	Plenty				
Mohru	<i>Quercus floribunda</i>	Temperate	Plenty	Plenty				
Kau	<i>Olea cuspidata</i>	Temperate	Plenty	Plenty				
Banj	<i>Quercus incana</i>	Sub-tropical	Plenty	Plenty				
Kail	<i>Pinus wallichiana</i>	Temperate	Plenty	Plenty				
Chir	<i>Pinus roxburghii</i>	Sub-tropical	Plenty	Plenty				

**Format 27 A: Coastal and Marine Flora**

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local Status		Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder
				Past	Present					

NIL

**Format 27 B: Coastal and Marine Fauna**

1	2	3	4	5		6	7	8	9	10
Animal Type	Local Name	Scientific Name	Habitat	Local Status		Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder
				Past	Present					

NIL





**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.)
Nil					

**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*