

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti : Baranshal

Taluk: Gulabgarh

District : Reasi

State: J&K

Geographical Area of the Panchayat Samiti: 586 HECT.

Population under the Panchayat Samiti: Total : 3400 (2021)

Male: 899 **Female :** 824

Habitat and Topography: Hilly Area

Climate (Rainfall, Temperature and weather patterns) Temperate

Land Use (Nine fold classification available with village records) Agriculture and Forest Land

Date, Month and Year of PBR Preparation: 19/11/2020

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

Details 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:- Haji Abdul Gaffar s/o Mohomdu (Mobile No. : 9822776714)

Age: 60

Gender: Male

Address: R/O Baranshal Ward No. 2

Area of specialization: Tradational knowledge

2) Name: Haji Gulshama w/o Abdul Rahim

Age: 61

Gender: Female

Address: R/O Baranshal Ward No.7

Area of specialization:(TK)

3)Name: Shimma w/o Mohd. Ashraf

Age: 34

Gender: Female

Address: R/O Baranshal Ward No. 1

Area of specialization:(TK)

4)Name: Nazir Ahmed(ST) s/o Makhna

Age: 35

Gender: Male

Address: R/O Ladh Ward No. 5

Area of specialization:

5)Name: Mohd Yousaf s/o Abdul Ahad

Age:33

Gender: Male

Address: R/O Pagyalla Ward No. 3

Area of specialization:

6)Name: Shabir Ahmed s/o Ali Mohd.

Age: 45

Gender: Male

Address: R/O Ladh

Area of specialization:

7)Name: Asgar Ali s/o Gulam Ali

Age:-29

Gender: Male

Address: R/O ladh

Area of specialization:(Tk)

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 : Abdul Gaffar

Age: 65

Gender: Male

Address: Baranshal

Area of specialization: Traditional Knowledge

Location from which the person accesses biological material: Nikan Gali

Perception of the practitioner on the resource status: Rare and endangered

Medicinal Use: Kuth & Kour & Pamchalan and Choura

Kour : Used for Sugar Pacitent and kuth used for Bones & Pamchalan also used for Bones

2) Name: Haji Gulshama

Age: 61

Gender: Female

Address: Ward No. 7 r/o Baranshal

Area of specialization: Traditional Knowlegde

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name: NIL

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, and forestry**1) Name of the Chairperson:** Abdul Rashid**Age:** 31**Gender:** Male**Address:** Shibrass**Area of specialization:****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:**

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR

1) **Contact Person:** NIL

Name and Address:

2) **Contact Person:** NIL

Name and Address:

3) **Contact Person:** NIL

Name and Address:

4) **Contact Person:** NIL

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

1	2	3	4	5	6
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							
Wheat	<i>Triticum aestivum</i>					Plenty	Rare		Rabi					Locals
Maize	<i>Zea mays</i>					Plenty	Rare		Kharief					

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 status 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 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					
Barseem	<i>Trifolium alexandrium</i>			Plenty	Plenty					
Bajra	<i>Pennisetum glaucum</i>			Plenty	Plenty					

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>Lantana Camara</i>	Panj phulli	Every	Adverse		Plenty	Plenty					
	<i>Phalaris minor</i>	Sitti	Wheat			Plenty	Plenty					
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
	Field Rats	<i>Bandicota spp.</i>	Chau						
	Termites	<i>Microtermes obesi</i>	Seenak						
	Grasshopper	<i>Hierogyphus sp.</i>	Tidda						
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
Hindu & Muslim	Agriculture	Labour					SC 106			500
							ST 900			
							OBC			

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

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											
Cultivable Land			Hilly		Forest State		Cattle						Locals
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
Bowli	200		Public		Cattle							Locals
Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,												

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					
	Tulsi	<i>Ocimum sanctum</i>										
	Aloe vera	<i>Aloe vera</i>										

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					
Sheep	Bhed	<i>Ovis aries</i>	Local	Small	Flock Rearing	Leasr concerned	Leasr concerned	Wool	Yes	Yes	Bones, Skin	Local, Nomads
Sheep	Bhed	<i>Ovis aries</i>	Rambowill	Large	Flock Rearing	Leasr concerned	Leasr concerned	Wool	Yes	Yes	Bones, Skin	Local, Nomads
Goat	Bakri	<i>Capra hircus</i>	Local	Small	Flock Rearing	Leasr concerned	Leasr concerned	Manure	Yes	Yes	Bones, Skin	Local, Nomads
Goat	Bakri	<i>Capra hircus</i>	Beetal	Large	Flock Rearing	Leasr concerned	Leasr concerned	Manure	Yes	Yes	Bones, Skin	Local, Nomads
Goat	Bakri	<i>Capra hircus</i>	Kaghani	Large	Flock Rearing	Leasr concerned	Leasr concerned	Manure	Yes	Yes	Bones, Skin	Local, Nomads

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

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 use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
	Khair	<i>Acacia catechu</i>			Available	Available	Own Use				Self Observed
	Krongal	<i>Cassia fistula</i>			Available	Available	Own Use				Self Observed
	Chir	<i>Pinus roxburghii</i>			Available	Available	Own Use				Self Observed
	Jamun	<i>Syzygium cumini</i>			Available	Available	Own Use				Self Observed
	Talli	<i>Dalbergia sisso</i>			Available	Available	Own Use				Self Observed
	Badh	<i>Ficus religiosa</i>			Available	Available	Own Use				Self Observed
	Gulmohar	<i>Delonix regia</i>			Available	Available	Own Use				Self Observed

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Plant	Local Name	Scientific Name	Importance (as economic, social, cultural etc.)	Status
1		Simbal	<i>Bombax cieba</i>	Social and economic	Available
2		Bamboo	<i>Bambusa bamboos</i>	Social and economic	Available
3		Kiker	<i>Acacia nilotica</i>	Social and economic	Available
4		Talli	<i>Dalbergia sisso</i>	Social and economic	Available
5		Bhang	<i>Cannabis sativa</i>	Social and economic	Available
6		Kringal	<i>Cassia fistula</i>	Social and economic	Available

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					
	Aloe vera	<i>Aloe vera</i>		Sub Tropical	Available						
	Tulsi	<i>Ocimum sanctum</i>		Sub Tropical	Available						
	Bhang	<i>Cannabis sativa</i>		Sub Tropical	Available						
	Amla	<i>Phyllanthus emblica</i>		Sub Tropical	Available						
	Toot	<i>Morus alba</i>		Sub Tropical	Available						
	Arjun	<i>Terminalia arjuna</i>		Sub Tropical	Available						

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					
Chaleri Saag	<i>Amaranthus viridus</i>		Sub-tropical	Available						
Jangli Putna	<i>Mentha arvensis</i>		Sub-tropical	Available						

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

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					
	Amla	<i>Phyllanthus emblica</i>			Available						
	Imli	<i>Tamarindus indica</i>			Available						
	Tulsi	<i>Ocimum sanctum</i>			Available						
	Pudina	<i>Mentha Viridis</i>			Available						

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				
Khair	<i>Acacia catechu</i>							
Kala Siri	<i>Albizia lebbeck</i>							
Talli	<i>Dalbergia sisso</i>							
Safeda	<i>Corymbia citriodora</i>							

URBAN BIODIVERSITY

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
	none	

End of Part II