

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti : Kolsar

Taluk: Pouni

District : Reasi

State: J&K

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total : 1452

Male: 746 **Female :** 706

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: 31/08/2020

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/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: Goutam Kumar (Mobile No.: 7006626377)

Age: 44

Gender: M

Address: Kolsar

Area of specialization:

2) Name: Tripta Devi

Age: 35

Gender: F

Address: Kolsar Ward No. : 6

Area of specialization:

3)Name: Rachna Devi

Age: 37

Gender: F

Address: Kolsar Ward No. : 2

Area of specialization:

4)Name: Surinder Kumar

Age: 29

Gender: M

Address: Kolsar Ward No. : 3

Area of specialization:

5)Name: Balak Ram

Age: 60

Gender: M

Address: Kolsar Ward No.: 7

Area of specialization:

6)Name: Ravi Singh

Age: 58

Gender: M

Address: Kolsar Ward No. : 4

Area of specialization:

7)Name: Hem Raj

Age: 62

Gender: M

Address: Kolsar Ward No. : 1

Area of specialization:

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 :Kewal Krishan s/o Jai Ram

Age: 75

Gender: Male

Address: Ward No. : 6 Kolsar

Area of specialization:

Location from which the person accesses biological material: Desi Doctor

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: 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:

Age:

Gender:

Address:

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

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							
	<i>Zea mays</i>	Maize				Plenty	Rare							
	<i>Oryza sativa</i>	Rice				Plenty	Rare							
	<i>Triticum aestivum</i>	Wheat				Plenty	Rare							
	<i>Brassica</i>	Mustard												

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					
	<i>Sorghum spp.</i>	Cheri		Plenty	Plenty					
	<i>Penisetum glaucum</i>	Bajra		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>Lantna canara</i>	Panj Phulli				Plenty	Plenty					
	<i>Digitaria sanguinalis</i>	Hairy crab grass				Plenty	Plenty					
	<i>Taraxacum officinalis</i>	Dandelion				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
	Monkeys	<i>Macaca mulatta</i>	Rhesus Monkey						
	Field rats	<i>Rattus argentiventer</i>							
	Aphids	<i>Aphidoidea</i>							
	Beetles	<i>Coleoptera</i>							
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
General	Agriculture	Labour						Average		400
SC 394										
ST 332										
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						
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 (2)												
Khoo (1)												
PONDS												
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					
	Aloe vera	<i>Aloe vera</i>										
	Tulsi	<i>Ocimum tenuiflorum</i>										
	Khair	<i>Senegalia catechu</i>										
	Amla	<i>Phyllanthus emblica</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 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
	Sadabahar	<i>Catharanthus roseus</i>							
	Gutta	<i>Tagetes erecta</i>							
	Bottle brush	<i>Callistemon</i>							
	China Rose	<i>Hibiscus rosa-sinensis</i>							
	Gulab	<i>Rosa indica</i>							
	Pigeon Berry	<i>Duranta erecta</i>							
	Queen sago	<i>Cycas</i>							

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					
	Cow	<i>Bos Indica</i>										
	Buffalo	<i>Bubalus bubalis</i>										
	Horse	<i>Equus caballus</i>										
	Goat	<i>Capra aegagrus hircus</i>										
	Sheep	<i>Ovis aries</i>										

Uses include milk, meat, skin, fur 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>Senegalia 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 sissoo</i>			Available	Available	Own Use				Self Observed
	Badh	<i>Ficus religiosa</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
		Simbal	<i>Bombax ceiba</i>	Social and Economic	Available
		Bamboo	<i>Bambusoideae</i>	Social and Economic	Available
		Kikar	<i>Acacia nilotica</i>	Social and Economic	Available
		Talli	<i>Dalbergia sisso</i>	Social and Economic	Available
		Bhang	<i>Cannabis sativa</i>	Social and Economic	Available
		Krongal	<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>		Subtropical	Available						
	Tulsi	<i>Ocimum tenuiflorum</i>		Subtropical	Available						
	Amla	<i>Phyllanthus emblica</i>		Subtropical	Available						
	Toot	<i>Morus alba</i>		Subtropical	Available						
	Arjun	<i>Terminalia arjuna</i>		Subtropical	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					
Chalari saag	<i>Amaranthus viridis</i>		Sub-tropical	Available						
Jungli 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 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
Sadabahar	<i>Catharanthus roseus</i>						
Gutta	<i>Tagetes erecta</i>						
Bottle brush	<i>Callistemon</i>						
China Rose	<i>Hibiscus rosa-sinensis</i>						
Gulab	<i>Rosa indica</i>						
Pigeon Berry	<i>Duranta erecta</i>						
Queen sago	<i>Cycas</i>						

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					
	Pudina	<i>Mentha viridis</i>			Available						
	Aloe vera	<i>Aloe vera</i>			Available						
	Dhaniya	<i>Coriandrum sativum</i>			Available						
	Tulsi	<i>Ocimum tenuiflorum</i>			Available						
	Neem	<i>Azadirachta indica</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>		Available					
Kala siri	<i>albizia lebback</i>		Available					
Talli	<i>Dalbergia sisso</i>		Available					
Safeda	<i>Eucalyptus spp</i>		Available					
Tunu	<i>Toona ciliata</i>		Available					

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