

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti :- Jungrial East
Taluk: Moghla
District:Rajouri
State:Jammu And Kashmir
Geographical Area of the Panchayat Samiti: 3.07
Population under the Panchayat Samiti: Total 6000
Male: 3800 Female: 2200 Total :6000 approx
Habitat and Topography: Hilly
Climate (Rainfall, Temperature and weather patterns) Rainfall
Land Use (Nine fold classification available with village records)
Date, Month and Year of PBR Preparation 2020-21 - 26/03/2021
Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

Annexure 1

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

1)Name of the Chairperson: Kewal krishan Sharma s/o kishori lal ji

Age: 63 Yrs

Gender: Male

Address: Jungrial east

Area of specialization: Sarpanch

2) Name: Ankush Manhas s/o

Age: 51

Gender: Male

Address: Bari Darhal

Area of specialization:pyt.secretary

3)Name:Mohd Rubani

Age:30

Gender:male

Address:sialsoo

Area of specialization:social worker

4)Name: Pushpa Devi

Age:65

Gender: Female

Address:ward no 07

Area of specialization:women representative

5)Name: Karnail singh

Age:61

Gender:male

Address:Nanura

Area of specialization:SC representative

Rajni Devi

Age:40

Gender: female

Address: jungrial east

Area of specialization: women representative

7)Name:Subash chander

Age:61

Gender:Male

Address: jungrial east

Area of specialization: public representative

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 :NA

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:NA

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:NA

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: Karnail Singh

Age: 63

Gender: Male

Address: ward no 05

Area of specialization: Agriculture

2) Name of the chairperson: Sukhdev Singh

Age: 40

Gender: Male

Address: kulwana

Area of specialization: forestry

3) Name of the Chairperson: Puran Singh

Age: 45

Gender: male

Address: karansli

Area of specialization: agriculture

4) Name of the Chairperson: Babu Khan

Age: 67

Gender: male

Address: sialsoo

Area of specialization: Fisheries

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:Ashwani Kumar	
Name and Address: Govt.MS Saroon ,ward no 01 kalyar	
2) Contact Person:Rajinder Kumar	
Name and Address:Govt.MS chambal gala ward no 06 kheon	
3) Contact Person:Manoj kumar	
Name and Address:Govt.MS akher ward no 04	
4) Contact Person: Yashpal	
Name and Address:Govt. Ms Gulabgarh ward no 08	
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

Potato	<i>Solanum tuberosum</i>													
Okra	<i>Abelmoschus esculentus</i>													
Chillies	<i>Capsicum frutescens</i>													
Cucurbits	<i>Cucurbitaceae spp.</i>													

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
				Local Status						
Plant	Local Name	Scientific name	Landscape / Habitat	Past	Present	Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
1	Oats	<i>Avena sativa</i>	Javi	Sub tropical	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Krishan Lal
2	Sorghum	<i>Sorghum spp.</i>	Charry/ Jawar	sub tropical	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Krishan Lal
3	Barseem	<i>Trifolium alexandrinum</i>	Shatala	sub tropical	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Krishan Lal
4	Chilli	<i>Capsicum annuum</i>								Krishan Lal
5	Bajra	<i>Pennisetum glaucum</i>								Krishan Lal
6	Makki	<i>Zea mays</i>								Krishan Lal

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					

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

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

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	Feature s and approx. area	Ownersh i p	General flora	General fauna	User groups	Manageme nt practices	General uses	Associated TK	Other details	COMMUNITY ACCESSED
Agricultur al land	Pon d	Fallo w land											

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
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					
Tree	Aamla	<i>Phyllanthus emblica</i>		Wild & agriculture land	Seeds		present		Fruit		Market use	Local peoples
Tree	Behra	<i>Terminalia bellirica</i>		Wild & agriculture land	Seeds		present		Fruit		Market use	Local peoples
Tree	Khair	<i>Acacia catechu</i>		Wild & agriculture land	Seeds		present		Fruit		Market use	Local peoples
Tree	Anar	<i>Punica granatum</i>		Wild & agriculture land	Seeds		present		Fruit		Market use	Local peoples
Tree	Ratha	<i>Sapindus mukorossi</i>		Wild & agriculture land	Seeds		present		Fruit		Market use	Local peoples
herb	Aloevera	<i>Aloe vera</i>		Agriculture	Plants		Present		Leaves	Treat in digestion	----do----	Local peoples
Herb	Pudina	<i>Mentha arvensis</i>		Agriculture	Plants		present		Leaves	Treat in digestion	----do----	Local peoples
Herb	Tulsi	<i>Ocimum sanctum</i>		Agriculture	Seeds		present		Leaves	Improves digestion	----do----	
					Seeds					& Aesthetic value		
Shurbs	Timbroo	<i>Zanthoxylum armatum</i>		Agriculture	Seeds		present		Leaves	Treat in digestion	----do----	Local peoples
Shrubs	Branker	<i>Adhatoda vasica</i>		Wild	Do		present		Leaves	Treat in digestion	----do----	Local peoples
Shrubs	Garna	<i>Carissa opaca</i>		Wild	Do		present		Leaves	Treat in digestion	----do----	Local peoples

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

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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					
NA	NA	NA	NA	NA	NA	Na	NA	Na				

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

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				
Moda	<i>Garra gotyla</i>	Indigenous fauna	Bony fishes	Streams/lakes	Good	Good	Edible	----	----	-----
Nai	<i>Glyptothorax spp.</i>	Indigenous fauna	Bony fishes	Streams/lakes	Good	Good	Edible	----	----	-----
Rohu	<i>Labeo rohita</i>	Indigenous fauna	Bony fishes	Streams/lakes	Good	Good	Edible	----	----	-----
Frog	<i>Sphearopheca breviceps</i>	Indigenous fauna	Frog	Streams/lakes	Good	Good	-----	-----	
Bull Frog	<i>Hoplobatrachus pigrinus</i>	Indigenous fauna	Frog	ponds	good	good	-----	-----	
Snake	<i>Serpentes spp.</i>	Indigenous fauna	snake	Streams/tawi	Good	Good	-----	-----	
Snake	<i>Russels viper</i>	Fauna	Snake	Streams/lakes	good	good	-----	-----	
Water hyacinth	<i>Eichhornia crassipes</i>	Indigenous fauna	Aquatic plant	Streams/lakes	Good	Good	-----	-----	
Water lettuce	<i>Pistia stratiotes</i>	Indigenous fauna	Aquatic plant	Streams/lakes	Good	Good	-----	-----	
Lucky 4-leaf clover	<i>Marsillia mutica</i>	Indigenous fauna	Aquatic plant	Streams/lakes	Good	Good	-----	-----	

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Lucky 4-leaf clover	<i>Marsillia mutica</i>	Aquatic plant	-----	-----
2	Money wort	<i>Bacopa monnieri</i>	Aquatic plant	-----	-----
3	Water popy	<i>Hydrocleys nymphoides</i>	Aquatic plant	-----	-----
4	Water lilly	<i>Nymphaeaceae spp.</i>	Aquatic plant	-----	-----

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					
Tree	Behra	<i>Terminallia bellerica</i>				Present	trifla		Fruit		Local people
Tree	Amla	<i>Emblica officinale</i>				Present	Trifla		Fruit		Local people
Shrub	Sanatha	<i>Doderea viseosa</i>				Present	Trifla		Fruit		Local people
Shrub	Banah	<i>Vitex negundu</i>				Present	Pesticide		Leaves		Local people
Shrub	Brenkad	<i>Adhatoda vassica</i>				Present	Pesticide		leaves		Local people
Herb	pu dina	<i>Mentha spp.</i>				Present	Improve appetite		leaves		Local people
herb	Aloevera	<i>Aloe vera</i>				Present	Improve appetite		leaves		Local people
Herb	Tulsi	<i>Ocimum sanctum</i>				Present	Improve appetite		leaves		Local people

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					
Bar	<i>Ziziphus Jujube</i>	Zipus mouritiana	Wild	Good	Good	Edible fruit	Fruit			
Kainthi	<i>Pyrus Pyrifolia</i>	Pyrus communis	Wild	Good	Good	Edible fruit	Fruit			
Wild Grapes	<i>Vitis vinifera</i>	vitis	Wild	Good	Normal	Edible fruit	Fruit			
Local Mango	<i>Magnifera indica</i>	Magnifera indica	Wild	Good	Normal	Edible fruit	Fruit			

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

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	Jari	<i>Parthenium Hysterophrus</i>	Herbs	forest	rainy season	common
2	Thor	<i>Euphorbia royleana</i>	Herbs	forest	rainy season	rare

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.)
1	Honey bee	<i>Apis mellifera</i>	Insects	land	common
2	Ant	<i>Formicidae spp.</i>	Do	Land	common
3	Monkey	<i>Macaca mulatta</i>	Mammal	Forest	common
4	Pigg	<i>Sus scrofa</i>	Do	Forest	common
5	Goat	<i>Capra aegagrus</i>	Do	Forest	common
6	Jackal	<i>Canis aureus</i>	Do	Forest	common
7	Lizard	<i>Lacertilia</i>	Reptile	Land	common
8	Snake	<i>Serpentes spp.</i>	Do	land & Water	common

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