

People Biodiversity Register (PBR): General Details

Name of the Panchayat: Potha

Taluk: Dhangri

District: Rajouri

State: Jammu And Kashmir

Geographical Area of the Panchayat Samiti:1048.02

Population under the Panchayat Samiti: Total 1076

Male:543

Female:533

Total:1076

Habitat and Topography:Hilly

Climate (Rainfall, Temperature and weather patterns) Mix

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation 2020-21 15-Oct-2020

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

People Biodiversity Register (PBR): General Details

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: Ram Krishan s/o Tirth Ram

Age: 56 yrs

Gender: Male

Address: Potha tehsil and district Rajouri

Area of specialization: Sarpanch

2) Name: Rashpaul s/o Munishi Ram

Age: 43 yrs

Gender: Male

Address: Potha tehsil and district Rajouri

Area of specialization: Panch

3)Name: Saleema Begum w/o noor Hussain

Age: 31 yrs

Gender: Female

Address: Potha tehsil and district Rajouri

Area of specialization: Panch

4)Name: Mohd hussain s/o alam din

Age: 59 yrs

Gender : Male

Address: Potha tehsil and district Rajouri

Area of specialization: Panch

5)Name: Faqar Din s/o Hakim din

Age: 39 yrs

Gender: Male

Address: Potha tehsil and district Rajouri

Area of specialization: Panch

6)Name: Kailash devi w/o bansi Lal

Age: 62 yrs

Gender: Female

Address: Potha tehsil and district Rajouri

Area of specialization: Panch

7)Name: Amir Sohail

Age: 32

Gender: Male

Address: Sect Panchayat.

Area of specialization:Vla

People Biodiversity Register (PBR): General Details

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 :

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:

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:

People Biodiversity Register (PBR): General Details

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: Tirath Ram s/o Nial Chnad

Age: 75 yrs

Gender: Male

Address: Potha tehsil and district Rajouri

Area of specialization:

2) Name of the Chairperson: Jagdish Raj s/o amar Nath

Age: 65 yrs

Gender: Male

Address: Potha tehsil and district Rajouri

Area of specialization:

3) Name of the Chairperson: Ghulam qadir s/o shams din

Age: 65 yrs

Gender: Male

Address: Potha tehsil and district Rajouri

Area of specialization:

4) Name of the Chairperson: Subash Chander s/o Ram Chand

Age: 45 yrs

Gender: Male

Address: Potha tehsil and district Rajouri

Area of specialization:

People Biodiversity Register (PBR): General Details

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

1) **Contact Person:** Rural dev.deptt. Amer sohail Sect. Pyt.

Name and Address: Sadhoom

2) **Contact Person:**

Name and Address:

3) **Contact Person:**

Name and Address:

4) **Contact Person:**

Name and Address:

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

People Biodiversity Register (PBR): General Details

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

Format : 01 Crop Plants

1	2	3	4	5	6	7	8		9	10	11	12	13	14	15
S.No	Crop	Scientific Name	Local Name	Variety	Land Scape / Habitat	Approx area sown	Local Status		Special feature	Cropping season	Uses	Associated TK	Other details	Source of Seeds/ Plants	Community/ Knowledge Holder
							Past	Present							
1	Foo Crop	<i>Oryza sativa</i>	Dhan	K-39,K-343, G-14	Hilly terrain		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food			
2	Foo Crop	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food			
3	Foo Crop	<i>Triticum aestivum</i>	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food			
4	Foo Crop	<i>Brassica juncea</i>	Sarson	Pusa bold, Gobi Sarson	Cool & dry		Normal	Normal	Matures in 145-150 days with 40-42 % oil content	Rabi	Source of energy	vegetable Oil extracted from seeds used in cooking			
5	Foo Crop	<i>Cicer arietinum</i>	Chana	C-235, Gaurav, GNG-469	sub tropical		Rare	Normal	Medium Yielding	Kharif (May to October)	Source of Protein/En ergy	Prefered Food for parties as well as Domestic Consumption			
6	Foo Crop	<i>Vigna mungo</i>	Mash	PU-19,UTTRA	sub tropical		Plenty	Plenty	Rich source of Protein	Kharif	Green Veg	Green Veg			

Vegetables

a	Vegetable	<i>Avenmoschus esculentus</i>	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg			
b	Vegetable	<i>Solanum melongena</i>	Bangun	PPL, PPC, PH4, BR112	sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg			
c	Vegetable	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	sub tropical & intermediate		Normal	Normal	Green Veg	Rabi	Swollen stem and leaves are consumed as vegetable	Source of minerals & energy			
d	Vegetable	<i>Brassica oleraceae var.botrytis</i>	Ful gobi	Pusa Snow Ball, Pusa Katki, Girja	sub tropical & intermediate		Normal	Normal	-	Rabi	Curd used as vegetable	Also good source of protein, carbohydrate, phosphorus & iron			
e	Vegetable	<i>Brassica oleraceae var.capitata</i>	Band gobi	Golden Acre, Pride of India, Green Flesh	Sub Tropical & intermediate		Normal	Normal	Round head green colour	Rabi	Head used as vegetable, salad	Also good source of protein, carbohydrate, phosphorus & iron			
f	Vegetable	<i>Solanum lycopersicum</i>	Tamater	Pusa Rubi, Pusa Early Dwarf, Manisha Plus/ local	Sub Tropical & intermediate		Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.			

g	Vegetable	<i>Allium cepa</i>	Pyaj	Pusa Red, Nasik Red, N-53, Liberty	Cool weather at vegetative stage followed by warm weather at Bulb Stage		Normal	Normal	-	Rabi	Vegetable & Salad use	Good source of dietary fiber, Vitamin B6, C, Potassium and folic acid.			
h	Vegetable	<i>Pisum sativum</i>	Matar	Bonneville, Arkel, local var.	Grows under cool conditions, Sub tropical/ Temperate		Normal	Normal	Medium dwarf plant with green well filled pods	Green pods are used as vegetable	-	high in fiber, protein, vitamins, phosphorus, magnesium, copper,			

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
Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Rice	Stem Borer	<i>Scirepophaga incertulas</i>	Dhain ka Kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Maize stem Borer	<i>Chilo partellus</i>	Sundi	Chewing & biting	July to sept	Mechanical & Chemical measures	-	Causes dead hearts in young plants	Farmers
Maize/ Wheat	Termite	<i>Odentotermes obesus</i>	Sink	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
Brijal/ Tomato	Fruit Borer	<i>Helicoverpa armigera</i>	Sundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers

Miaze, Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	Sub Tropical/intermediate	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
Maize, Wheat, Fruits, vegetable	Monkey	<i>Macaca mulatta</i>	Bander	Sub Tropical/intermediate	Kharif/ Rabi	NA	-	Feed on Fruits and green vegetables, cobs	Farmers
Mustard	Aphid	<i>Lipaphis erysimi</i>	Aphid/ Tella	Sub Troopical /Intermediate	Dec-March	Chemical control	-	Nil	Farmers
	Pig	<i>Sus</i>							

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 : Peoplescale

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
Muslim	Farming	Animal Husbandry	Agriculture	Agriculture source			ST/ General			
Hindu	Farming	Animal Husbandry	Agriculture	Agriculture source			Open/ SC			
Sikh	Farming	Animal Husbandry	Agriculture	Agriculture source			Open/ SC			

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 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
Tube well		Drinking water	Private land			Drinking						

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

Format 10 : Soil Type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil management	Plants / Crop suitable	Flora and fauna	Associated TK	Other information
Clay	Brown		Normal	Oak	Bear		
Black	Black			Maize	Monkey		
				Wheat	Chir		
				Sarso	Jamun		
				Simbal	Jackal		
					Pig		
					Kainth		

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					
	Bana	<i>Vitex negundo</i>		Forest	Natural							
	Amla	<i>Phyllanthus emblica</i>										
	Toot	<i>Morus alba</i>		Forest	Natural							
	Pudina	<i>Mentha specata</i>										
	Simblu	<i>Berberis aristata</i>		Forest	Natural							
	Timru	<i>Zanthoxylum armatum.</i>										
	Guchi	<i>Morchella esculenta</i>		Forest	Natural							
	Hardul	<i>Terminalia chebula</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 19 : Wild Plant Species of Importance

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Oak	<i>Quercus indica</i>			
2	Chir	<i>Pinux roxburghi</i>			
3	Toon	<i>Toona ciliata</i>			
4	Dhaman	<i>Ptyas mucosa</i>			
5	Sandori	<i>Heritiera littoralis</i>			
6	Mannu	<i>Terminalia phillyreifolia</i>			
7	Kamila	<i>Mallotus philippensis</i>			
8	Kua	<i>Olea europaea subsp.</i>			
9	Fly	<i>Zingiber montanum</i>			
10	Tali	<i>Dalbergia sissoo</i>			
11	Toot	<i>Morus Alba</i>			
12	Simblu	<i>Bombax cieba</i>			

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				
Flora			Leafy	Aquatic						
Chuuh			Soft							
Green Algae	<i>Chlorophyta</i>		Soft							
Fish										
Crab	<i>Brachyura</i>									
Frog	<i>Anura</i>									
Water Snake	<i>Nerodia</i>									
Thallus Plant	<i>Thallophyta</i>									

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

Format 21 : Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Nadi grass	<i>Dichanthium</i>		Used for medicinal	
2	Wild Mint	<i>Mentha arvensis</i>			
3	Bach	<i>Acorus calamus</i>			
4					
5					
6					

Format 23 : Wild Relatives of Crop

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated Crop	Landscape/ Habitat	local status		Associated TK	Uses (Usage)	Part used	Other Details	community/knowledge Holder
				Past	Present					
Maize	<i>Zea mays</i>		Terristrial	Good	Good		Grain			
Akhroot	<i>Juglans regia</i>			Good	Good					
Naspati	<i>Pyrus malus</i>			Good	Good		Fruit			
Ber	<i>Zyzyphus maurtiana</i>			Good	Good		Fruit			
Kainth	<i>Pyrus paschia</i>									
Tosi										
Simblu	<i>Berberies arsitata</i>									
Granda	<i>Punica granatum</i>									

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

Format 26 : Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local status		Other uses, if any	Assoicated Tk	Other Details	Community/Knowledge Holder
			Past	Present				
Chir	<i>Pinus Roxburghii</i>	Forest	Good	Good	Firewood			
Toon	<i>Toona ciliata</i>				firewood			
Mannu	<i>Terminalia phillyreifolia</i>							
Oak	<i>Quercus</i>							
Draink	<i>Melia azedarach</i>							
Amla	<i>Phyllanthus emblica</i>							
Jamun	<i>Syzygium cumini</i>							
Fagora	<i>Ficus palmata</i>							
Kamila	<i>Mallotus philippensis</i>							
Kachnar	<i>Bauhinia Variegata</i>							
Kiker	<i>Acacia nilotica</i>							
Fly	<i>Zingiber montanum</i>							
Khair	<i>Senegalia catechu</i>							
Toot	<i>Morus alba</i>							
Tali	<i>Dalbergia sissoo</i>							
Trimbal	<i>Ficus auriculata</i>							
Pipal	<i>Ficus religiosa</i>							

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	Dhaman	<i>Grewia optiva</i>				
2	Oak	<i>Quercus incana</i>				
3	Manu	<i>Terminalia phillyreifolia</i>				
4	Simblu	<i>Berberies arsitata</i>				
5	Beusa	<i>Boerhaavia diffusa</i>				
6	Akhrot	<i>Junglans regia</i>				
7	Apricot	<i>Prunus armeniaca</i>				
8	Aaru	<i>Prunus persica</i>				
9	Kiker	<i>Vachellia nilotica</i>				
10	Droak					
11	Chir	<i>Pinus roxburghii</i>				
12	Khirik	<i>Celtis australis</i>				
13	Khair	<i>Senegalia catechu</i>				
14	Anjeer	<i>Ficus carica</i>				
15	Sanduri	<i>Heritiera littoralis</i>				
16	Kankola	<i>Piper cupeba</i>				

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	Rat	<i>Rattus</i>			
2	Monkey	<i>Cercopithecidae</i>			
3	Pig	<i>Sus</i>			
4	Aphid	<i>Aphidoidea</i>			
5	Jackal	<i>Canis aureus</i>			
6	Buffalo	<i>Bubalus</i>			
7	Cat	<i>Felis catus</i>			
8	Parrot	<i>Psittaciformes</i>			
9	Hen	<i>Gallus gallus domestica</i>			
10	Dog	<i>Canis lupus familiaris</i>			
11	Crow	<i>Corvus</i>			
12	Frog	<i>Anura</i>			
13	Lizard	<i>Lacertilia</i>			

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: Other Information of Local Importance

1	2	3
Sr. No.	Information of local importance	Remarks

End of Part II