

People Biodiversity Register (PBR): General Details

Name of the Panchayat: Argi

Taluk: Dhangri

District: Rajouri

State: Jammu And Kashmir

Geographical Area of the Panchayat Samiti: 2186.63

Population under the Panchayat Samiti: Total 2462

Male:1210

Female: 1252

Total: 2462

Habitat and Topography: Hilly/ Sub-Tropical

Climate (Rainfall, Temperature and weather patterns) Hilly

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation 2020-21 18-October-2020

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 local body ; not less than one third to be women and not less than 18% belonging to SC/ST)

1)Name of the Chairperson: Noor Hussain s/o Kala Khan

Age: 58 yrs

Gender: Male

Address: Argi Tehsil and District Rajouri

Area of specialization:

2) Name: Nazir Hussain s/o Raj Mohd

Age: 62 yrs

Gender: Male

Address: Argi Tehsil and District Rajouri

Area of specialization:

3)Name: Saleema Akther w/o Anwer Hussain

Age: 36 yrs

Gender: Female

Address: Argi Tehsil and District Rajouri

Area of specialization:

4)Name: Mohd Aslam s/o Noor hussain

Age: 31 yrs

Gender: Male

Address: Argi Tehsil and District Rajouri

Area of specialization:

5)Name: Mohd Khaliq s/o Faroz din

Age: 46 yrs

Gender: Male

Address: Argi Tehsil and District Rajouri

Area of specialization:

6)Name: Jaswant Kour w/o Romesh chander

Age: 63 yrs

Gender: Female

Address: Argi Tehsil and District Rajouri

Area of specialization:

7)Name: Tanveer Ahmed

Age: 45 yrs

Gender: Male

Address: Sectary Panchayat

Area of specialization:

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 : Bhola Ram s/o Krishan Lal

Age: 45 yrs

Gender: Male

Address: Gunni Panchayat Argi tehsil and District Rajouri

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:

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: Mohd Jameel s/o faroz Din

Age: 60 yrs

Gender: Male

Address: Argi tehsil and District Rajouri

Area of specialization:

2) Name of the Chairperson: Kamal Singh s/o gian Singh

Age: 65 yrs

Gender: Male

Address: Argi tehsil and District Rajouri

Area of specialization:

3) Name of the Chairperson: Ram singh s/o Inder Singh

Age: 50 yrs

Gender: Male

Address: Argi tehsil and District Rajouri

Area of specialization:

4) Name of the Chairperson:

Age:

Gender:

Address:

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

1) **Contact Person:** Rural Dev. Deptt.Amit Sudhan Dect. Pyt.

Name and Address:

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

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/Energy	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,carbohyd rate, phasphorus & 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,carbohyd rate,phasphorus & 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,Potashium and folic acid.			

h	Vegetable	<i>Solanum tuberosum</i>	Aaloo	Kufri Sindhuri, Kufri Badsha, Kufri Jyoti	Potato is an herbaceous annual, requires cool weather, mostly rainfed conditions		Normal	Normal	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable, chips etc	-	High carbohydrate, provide high n energy value			
i	Vegetable	<i>Pisum sativum</i>	Matar	Bonneville, Arkel, local var.	Grows under cool conditions, Sub tropical/ Temprate		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 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						
Tree	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malda	subtropical	Plenty	Plenty	Nurseries	June-August		Fruit, Pickling, Preserves	Marketing, own use	
Tree	<i>Citrus spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	subtropical, mid hills	Plenty	Plenty	Nurseries	through out year		Fruit, Pickling, Squashes etc.	Marketing, own use	
Tree	<i>Emblica officinalis</i>	Ambla	Local selection, NA-7	subtropical	Plenty	plenty	Nurseries, local collection	Nov-Dec		Pickling, Preserves, Juices etc.	Marketing, own use	
Tree	<i>Zizyphus mauritiana</i>	Ber	gola, Banarasi	subtropical	Plenty	rare	local raised	July-August		Fruit	own use	
Shrub	<i>Punica granatum</i>	Anar, Druni	Ganesh, Kandhari, Local	subtropical, mid hills	Rare	rare	Nurseries, locally raised, wild	May-August		Fruit, anardana	own use	
Tree	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept		Fruit	own use	
Tree	<i>Prunus persica</i>	Aaroo	July Elberta, Quetta	mid hill	Rare	Rare	Nurseries	June-July		Fruit	Marketing, own use	
Tree	<i>Prunus armeniaca</i>	Khubani, Sadi	Local apricot, Bebcu	Mid hills	Plenty	Plenty	Nurseries	June-July		Fruit	own use	

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					
Oats	<i>Avena sativa</i>	Javi	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Suitable for fodder	
Sorghum	<i>Sorghum spp</i>	Charry/ Jawar	Sub Tropical / Intermediate	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	
Barseem	<i>Trifolium alexandrinum</i>	Shatala	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	
Chilli	<i>Capsicum annum</i>	Mirch	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Viilage Head	Dry fruit	Contains good ammount of vitamin A&C	
Garlic	<i>Allium sativum</i>	Thom	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Medicinal value	Clove	Spice use	

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					
Weed	<i>Philaris minor</i>	Sitti	Wheat	Compete with crop	Sub Tropical/ intermediate	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local	
Weed	<i>Parthenium hysterophorus</i>	Congress grass	All crops	Allelopathy effect, reduce yield	Sub Tropical/ intermediate	Rare	Plenty	Nil	Chemical / Manual Control	Abnoxious weed difficult to manage	Exotic	
Weed	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Allelopathy effect, Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Psychoactive effects	Chemical / Manual Control	intoxicating causes dehydration, nausea and headache	Local	
Weed	<i>Achinocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	nil	Local	

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>Odontotermes 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: 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
Muslim	Farming		Agriculture				Open/ SC/ RRA			
Hindu	Farming		Agriculture				Open/ ST/ RRA			
Sikh	Farming		Agriculture				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 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		
				Simblu	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>										
	Pipal	<i>Ficus religiosa</i>										
	Tulsi	<i>Ocimum Sanctum</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	Simblu	<i>Bombax cieba</i>			
8	Khair	<i>Senegalia catechu</i>			
9	Krangal	<i>Cassia fistula</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						
Chuuu			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>			

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>						Fruit			
Akhare							Fruit			

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	vVariety	Habitat	Local status		Associated TK	Uses (Usage)	Part used	Other Details (Mode of use)	community/ knowledge Holder
					Past	Present					
Fumigate	Mint	<i>Mentha arvensis</i>			Good	Good		Medicinal	Leaf		
	Kua	<i>Olea europaea subsp.</i>							Branches/ Leaf		
Herb	Banafsha	<i>Viola dorate</i>			Good	Good		Medicinal	Leaf		
	Akhrot	<i>Juglans</i>							Branches/ Leaf		
	Timbru	<i>Zanthoxylum armatum</i>							Branches/ Leaf		
Herb	Aloe Vera	<i>Aloevera</i>			Good	Good		Medicinal	Stem		

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				
Chir	<i>Pinus Roxburghii</i>	Forest	Good	Good	Firewood			
Toon	<i>Toona ciliata</i>				Firewood			
Mannu	<i>Terminalia phillyreifolia</i>				Firewood			
Oak	<i>Quercus</i>				Firewood			
Draink	<i>Melia azedarach</i>				Firewood			
Khair	<i>Senegalia catechu</i>				Firewood			
Tali	<i>Dalbergia sissoo</i>				Firewood			
Safeda	<i>Eucalyptus globu</i>				Firewood			
Krangal	<i>Cassia fistula</i>				Firewood			

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

End of Part II