

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: SANGPUR
State:Jammu And Kashmir
Geographical Area of the Panchayat Samiti:1235.53
Population under the Panchayat Samiti: Total 2273
Habitat and Topography:Hilly
Climate (Rainfall, Temperature and weather patterns) Rainfall
Land Use (Nine fold classification available with village records)
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, one of whom shall be a woman and not less than 18% belonging to SC/ST)

Gender:FEMALE

Address:SANGPUR NARRIAN WEST

Area of specialization: AGRICULTUER

2) Name:KAWEL KRISHAN

Age:51

Gender:Male

Area of specialization:AGRICULTURE

3)Name: ANJANA KUMAR

Age:47

Gender:female

Address:SANGPUR NARRIAN WEST

Area of specialization:AGRICULTURE

4)Name;SARDAR SINGH

Age: 37

Gender:MALE

Address:SANGPUR NARRIAN WEST

Area of specialization: ARGICULTURE

5)Name: CHAMKOUR SINGH

Age:26

Gender:MALE

Address:SANGPUR NARRIAN WEST

Area of specialization:AGRICULTURE

6)Name:JASBIR KOUR

Age:40

Gender:FEMALE
Address:SANGPUR NARRIAN WEST
Area of specialization:AGRICULTURE
7)NamE; ZULAFQAR SINGH
Age:40
Gender:MALE
Address:SANGPUR NARRIAN WEST
Area of specialization:AGRICULTURE

Annexure-2

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within jurisdiction of the village

Gender:

Address:

Area of specialization:

Perception of the practitioner on the resource status:

Medicinal Use:

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:

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry

Age:65

Gender:male

Address:SANGPUR NARRIAN WEST

2) Name of the Chairperson:SUKHVINDER SINGH

Age:35

Gender:male

Area of specialization:Agriculture

3) Name of the Chairperson:KAWEL KRISHAN

AGE: 60

Gender:MLAE

Address:SANGPUR NARRIAN WEST

Area of specialization:Agriculture

4) Name of the Chairperson:

Age:62

Gender:MALE

Area of specialization:

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Annexure 4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR
Name and Address: JAGMOHAN KOUR
1) Contact Person: RDD-PR
Name and Address: ZULFQAR ALI
Name and Address:
2) Contact Person:
Name and Address:
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
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL

End of Part I

FORMAT-1: CROP PLANTS

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
							Past	Present						
1	Rice	<i>Oryza sativa</i>	Dhan	K-39,K-343, G-14	sub tropical		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food		Agri Dept.
2	Maize	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	sub tropical		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food		Agri Dept.
3	Wheat	<i>Triticum aestivum</i>	Gandam	Raj 3765, HD 2967, HD 3086,	sub tropical		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food		Agri Dept.
4	Mustard	<i>Brassica juncea</i>	Sarson	Pusa bold, Gobi Sarson	sub tropical		Normal	Normal	Matures in 145-150 days with 40-42 % oil content	Rabi	Source of energy	vegetable Oil extracted from seeds used in cooking	oil for Food	Agri Dept.
5	CHICK PEA	<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	Food	Agri Dept.
6	Black Gram	<i>Vigna mungo</i>	Mash	PU-19,UTTRA	sub tropical		Plenty	Plenty	Rich source of Protein					
Vegetables														
a	OKRA	<i>Avenmoschus esculentus</i>	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	sub tropical		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local
b	Brinjal	<i>Solanum melongena</i>	Bangun	PPL,PPC, PH4, BR112	sub tropical		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local

c	Bottle Gourd	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	sub tropical		Normal	Normal	Green Veg	Rabi	Swollen stem and leaves are consumed as vegetable	Source of minerals & energy	-	Agri Dept/ Local
d	Cauliflower	<i>Brassica oleraceae var.botrytis</i>	Ful gobi	Pusa Snow Ball, Pusa Katki, Girja	sub tropical		Normal	Normal	-	Rabi	Curd used as vegetable	Also good source of protein,carbohy drate, phasphorus & iron	-	Agri Dept/ Local
e	Cabbage	<i>Brassica oleraceae var.capitata</i>	Band gobi	Golden Acre, Pride of India, Green Flesh	sub tropical		Normal	Normal	Round head green colour	Rabi	Head used as vegetable, salad	Also good source of protein,carbohy drate,phasphoru s& iron	-	Agri Dept/ Local
f	Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa Rubi,Pusa Early Dwarf, Manisha Plus/ local	sub tropical		Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.	Used as Vegetable, Salad, Soup	Agri Dept/ Local
g	Onion	<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.	-	Agri Dept/ Local
h	Potato	<i>Solanum tuberosum</i>	Aaloo	Kufri Sindhuri,Kufri Badsha, Kufri Jyoti	Potato is an herbaceous annual, requirs 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	Rabi	Agri Dept/ Local
i	Peas	<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,	Rabi	Agri Dept/ Local

Format 2: Fruit Plants

Plant	Scientific Name	Local Name	Variety	Landscape/ Habitat	Local Status		Source of Seed /Plants	Season of Fruiting	Associated TK	Uses	Other details market/Own use	Communicate/ Knowledge holder
					Past	Present						
Citrus fruits	<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.	Maketing , own use	
Guava	<i>Psidium guajava</i>	Amrood	Local, L-49, Allahabadi Safeda etc.	subtropical	plenty	plenty	Nurseries	July-August		Fruit	Maketing , own use	
Grapes	<i>Vitis Vinifera Michx.</i>	Angoor	Local Dakh, Perlette,	subtropical,Mid hills	rare	rare	Nurseries	July-August		Fruit		
Apple	<i>Malus x domestica Borkh.</i>	Sabe	Red Delcious, Golden Delocious, Maharaji, American etc.	Temperate	rare	plenty	Nurseries	Aug- Oct.		fruit, value addition	Maketing , own use	
Pear	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Mid hill	plenty	plenty	Nurseries	Aug-Sept		Fruit	own use	
Peach	<i>Prunus persica(L.) Batsch.</i>	Aaroo	July Elberta, Quetta	mid hill	rare	rare	Nurseries	June-July		Fruit	Maketing , own use	

Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	local apricot, Bebcu	Mid hills	plenty	plenty	Nurseries	June-July		Fruit	own use	
Walnut	<i>Juglans regia</i>	Akrote	Burzal, Kagzi, hard shelled	Temperate	plenty	plenty	Nurseries, locally raised	sept-Oct		Dry fruit	Maketing , own use	
Strawberry	<i>Fragara x ananassa Duch.</i>	Strawberry	chandler	subtropical, mid hills	rare	rare	Nurseries.	March-April		Fruit	Marketing	
Pecan	<i>Carya illinoensis</i>	Pecan	western shelley	Mid hills /Temperate	rare	rare	Nurseries	Sept-Oct		Dry Fruit	Marketing	
Plum	<i>Prunus salicina</i>	Aaloo Bukhara	santa rosa, Allubukhara	Mid Hills	Rare	Rare	Nurseries, locally raised	July-August		fruit	Maketing , own use	
Persimmon	<i>Diospyrus kaki</i>	Amlook	Local	Mid hills /Temperate	rare	rare	locally raised	July-August		fruit	Marketing	
Olive	<i>Olea europea</i>	Khao, jaiton	Local, Carotina	Mid hills /Temperate	rare	rare	locally raised	August-October		fruit	Marketing	

FORMAT-3; FODDER CROPS/SPICES

[illegible]

FORMAT-4 : WEEDS

S.No	Plant	Scientific Name	Local Name	Affected Crop	Impact	Land Scape / Habitat	Local Status		Uses if Any
							Past	Present	
1	Guli Danda	<i>Philaris minor</i>	Sitti	Wheat	Compete with crop	sub tropical	Plenty	Plenty	Nil
2	Parathenium	<i>Parthenium hysterophorus</i>	Congress grass	All crops	Alellopathy effect, reduce yield	sub tropical	Rare	Plenty	Nil
3	Bathua	<i>Chinopodium album</i>	Bathua	Wheat, Vegetables	Compete with main crops for space and nutrients	sub tropical	Plenty	Plenty	Leavy vegetable
4	Wild Oats	<i>Avena spp</i>	Jungli Javi	Wheat	Compete with main crops for space and nutrients	sub tropical	Plenty	Plenty	Green Fodder for animal
5	Bhang	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Alellopathy effect, Compete with crops	sub tropical	Plenty	Plenty	psychoactive effects
6	Barnyard grass	<i>Achinocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	sub tropical	Plenty	Plenty	Fodder & Animals
7	Nut Grass	<i>Cyprus rotundus</i>	Dilla/Motha	Paddy,maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals

FORMAT 5: PESTS OF CROPS

S.No	Host	Insect/ Animal	Scientific Name	Local Name	Habitat	Time/ Season of Attack	Management mechanism	Associated TK	Other details
1	Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali Pundi	sub tropical	Kharif	Chemical control	-	Feed on crop leaves
2	Rice	Stem Borer	<i>Scirepophaga incertulas</i>	Dhain ka Kida	sub tropical	Kharif	Chemical control	-	Feed on crop leaves
3	Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	sub tropical	Kharif	Chemical control	-	Feed on crop leaves
4	Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida	sub tropical	Kharif	Chemical control	-	Feed on crop leaves
5	Maize	Maize stem Borer	<i>Chilo partellus</i>	Sundi	sub tropical	July to sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants
6	Maize/Wheat	Termite	<i>Odontotermes obesus</i>	Sink	sub tropical	Kharif/ Rabi	Chemical control	-	Feed on crop leaves
7	Brijal/ Tomato	Fruit Borer	<i>Helicoverpa armigera</i>	Sundi	sub tropical	Kharif	Chemical control	-	Feed on crop leaves
8	Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	sub tropical	Kharif/ Rabi	Chemical control	-	Feed on crop leaves
9	Miaze, Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	sub tropical	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs
10	Maize,Wheat, Fruits, vegetable	Monkey	<i>Macaca mulatta</i>	Bander	sub tropical	Kharif/ Rabi	NA	-	Feed on Fruits and green vegetables, cobs
11	Mustard	Aphid	<i>Lipaphis erysimi</i>	Aphid/ Tella	sub tropical	Dec-March	Chemical control	-	Nil

Format 6: Markets for Domesticated Animals

1	2	3	4	5	6	7	8	9
Name of the markets & location	Weekly (D)/ Fornightly (D)/ Monthly (D)/ Biannual (M) Anuual (M) {1}	Type of Animals brought and sold {2}	Types and average Number of animals transacted in a day	Place from which animals are brought	Place to which the animal animals are sold/transported	Name and location of fish market	Type of fishes solid	Source of fish

Format 7: Peoplescape

[illegible]

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									
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[illegible]

<p align="center">Format 9: Waterscape</p>									
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[illegible]

Format 10 : Soil Type

[illegible]

Format 11: Fruit Trees

[illegible]

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	Khair			Hilly as well as plain		rare	presently rare	Dental				
Shrub	Simbloo			hilly		rare	presently rare	Fruit				
Tree	Khirak			Throughout India		rare	presently rare					
Shrub	Bhang			All over India		rare	presently rare	Fruit				
Tree	Tali			All over India		rare	presently rare	leaves				

Format 13: Ornamental Plants/ Trees/Climbers etc.

[illegible]

Format 14: Timber Plants / Trees

[illegible]

Format 15 : Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Types	Local Name	scientific Name	Breed (local by Bird)	Features	Method of keeping	Local Status		Uses	Associated TK	Commercial rearing	Other detail including products and services	Community know holders
						Past	Present					
Small Ruminants	Sheep Goat	Ovis aries Capra hircus	Cross Breed Bakarwali Kagani Beetal Poonchi	Polled ewes Horned Rams v-shaped Nose drooping ear sturdy excellent climbers	Conventional	sufficient	sufficient	Mutton chevon Milk Wool	Lohi Namda	No	Wool mutton chevon Milk skin Department provide necessary Medical coverage and sufficient system of rearing	Yes

Format 16: Culture Fisheries

[illegible]

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

Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products[illegible]

[illegible][illegible]

Format 19: Wild Plant Species of Importance

[illegible]

Format 20 : Aquatic Biodiversity

[illegible]

Format 21 : Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
S.No.	Local Name	scientific Name	Variety	Importance	Trends
	Not Found				

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					
						Presently rare		Medicine			
Herb	Khabar			Plain		Presently rare		medicine			
Tree	Akhroot			Hilly		Presently rare		medicine			
Tree	Kamila			Hilly		Presently rare		medicine			
Tree	Toot			Plain		Presently rare		medicine			
Shrub	Simblu			Hilly							

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

[illegible]

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

Format 24: Ornamental Plants

[illegible]

Format 25: Fumigate / Chewing Plants

[illegible]

Format 26: Timber Plants

[illegible]

Format 27 A: Coastal and Marine Flora

[illegible]

Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)

[illegible]

Format 29: Flora

[illegible]

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

[illegible]

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