

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti:- CHAMPA

Taluk: Batote

District: Ramban

State: Jammu and Kashmir

Geographical Area of the Panchayat Samiti: NA

Population under the Panchayat Samiti: Total 1505

Male ; 1610

Female: 1505

Habitat and Topography: Temperate

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records) : Agriculture/ Non-Agriculture

Date, Month and Year of PBR Preparation : Nov, 2020

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM): Open forest, Pvt, Property land

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: Ab Rashid S/o Ali Mohd : 9622427470

: 75

Gender: M

Address: Champa

Area of specialization: Agriculture

2) Name: Shabir Ahmed S/o Din Mohd

: 61

Gender: M

Address: Champa

Area of specialization: Agriculture

3) Name: Renu Devi W/o Shanker Dass

: 60

Gender: F

Address: Champa

Area of specialization: House wife

4) Name: Ruby Sharma WO Mukesh Kumar

: 33

Gender: F

Address: Champa

Area of specialization: House wife

5) Name: hukam Chand SO Babu Ram

: 53

Gender: M

Address: Champa

a of specialization: House wife

6)Name:Kartar Chand So Thakur Dass

:37

der:M

ress: Champa

a of specialization: Agriculture

7)Name: Mulkh Raj SO Munshi Ram

:52

der:M

ress: Champa

a 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 the jurisdiction of the village

Name : Mool Raj SO Faqiru

Age:52

Gender:M

Address: Champa

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

Name: Krishan Lal SO Jari Ram

Age:60

Gender:M

Address: Champa

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

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

Name : Bhem Sen S/O Teju

:55

Gender:M

Address: Champa

Area of specialization: Agriculture

Name : Puran Chand S/O Ram Dutta

: 46

Gender: M

Address: Champa

Area of specialization:

Name : Babu Ram S/O Manohar Singh

:80

Gender:M

Address:Champa

Area of specialization: Agriculture

Name of the Chairperson: Javeed Ahmed S/o Wazir Hussain

: 48 years

Gender: Male

Address: Champa

Area of specialization: Horticulture

Name of the Chairperson: Amanullah S/o Nizam ud din

: 56 years

Gender: Male

Address: Champa

Area of specialization: Horticulture

Annexure 4

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

Contact Person: 9622427470

Name and Address: As. Rashid S/o Ali Mohd. (Chairman BMC)

Contact Person:

Name and Address: Mohd. Ishfaq S/o Rashid (Sarpanch/PRF)

Contact Person:

Name and Address:

Contact Person:

Name and Address:

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

Part II
PBR – Formats
AGROBIODIVERSITY
Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	<i>Scientific Name</i>	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							
Wheat	<i>Triticum aestivum</i>	Kanak												
Maize	<i>Zea mays</i>	Makki												
Barley	<i>Hordeum vulgare</i>	Jow												
Rajmash	<i>Phaseolus Vulgare</i>	Rajmah												

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 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						
Apple	<i>Malus domestica</i>	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Rainy	Provide Nutrient and Energy	Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Pear	<i>Pyrus communis</i>	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Peach	<i>Prunus persica</i>	Aaroo	FLA 16/13 July Alberta, Quetta, Florda sum, Florda Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Apricot	<i>Prunus armeniaca</i>	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Plum	<i>Prunus saliciana</i>	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloocho	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh fruit,		Farmer/ Department of Horticulture
Walnut	<i>Juglans regia</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy		Dry Fruit		Farmer/ Department of Horticulture
Pomegranate	<i>Punica aratanum</i>	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Fig	<i>Ficus carica</i>	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture

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					
Banj	<i>Quercus Incana</i>	Banj								
Maru	<i>Quercus dilatata</i>	Maru								
Kahu	<i>Olea cospidate</i>	Kahu								
Draink	<i>Melia azedarach</i>	Draink								
Kiker	<i>Acacia Nilotica</i>	Kiker								

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					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
Nil							SC			40
							ST			25
							OBC			16
							Gen (Hindu, Muslims)			500+600=1100

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	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											
Nil			Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
Red							
Sandy							
Loamy							
Clay							

Format 11: FRUIT TREES DOMESTICATED BIODIVERSITY

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Apple	<i>Malus domestica</i>	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Rainy	Provide Nutrient and Energy	Fresh fruit, Juice, Jam etc	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Pear	<i>Pyrus communis</i>	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Peach	<i>Prunus persica</i>	Asroo	FLA 16/13 July Alberta, Quetta, Florida sum, Florida Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Apricot	<i>Prunus armeniaca</i>	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh Fruit		Farmer/ Department of Horticulture
Plum	<i>Prunus saliciana</i>	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloocho	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Summer		Fresh fruit,		Farmer/ Department of Horticulture
Walnut	<i>Juglans regia</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy		Dry Fruit		Farmer/ Department of Horticulture
Pomegranate	<i>Punica aratanum</i>	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Fig	<i>Ficus carica</i>	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture

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					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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
Ornamental Tree	Chir	<i>Pinus roxburghii</i>	-	Forest	Non commercial	Ornamental/	Used in eye, ear , throat diseases	Evergreen conifer, found in lower reaches	Floriculturists/ Nurserymen/Gardeners
						Landscaping			
Ornamental Tree	Chinar	<i>Platanus orientalis</i>	-	Nurseries	Non commercial	Ornamental/	-	Leaves give pleasing ground cover during fall	Floriculturists/ Nurserymen/Gardeners
						Landscaping			
Ornamental Tree	Dayar	<i>C.deodara</i>		Forest	Non commercial	Ornamental/ Landscaping	Antipyretic, antiseptic	Evergreen conifer, Found in higher reaches	Floriculturists/ Nurserymen/Gardeners
Ornamental Shrub	Mor Pankh	<i>Thuja compacta</i>	-	Nurseries	Non commercial	Ornamental/	Used for Respiratory tract infection	Treatment of cold sores, skin infections	Floriculturists/ Nurserymen/Gardeners
						Landscaping			
Herbs Seasonals	Gulab	<i>Rosa spp</i>	-	Nurseries	Non commercial	Ornamental/	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/Gardeners
						Landscaping			

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					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and 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					
Herbs	Guchi	<i>Morchella esculanta</i>									
	Kassod	<i>Senna siamea</i>									
	Kandi	Prosopis Cineraria									

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					

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	<i>Scientific Name</i>	Variety	Habitat	Commercial/ Non-commercial	Associated Tk	Other Details	Community/ Knowledge Holder
Chir	<i>Pinus roxburghii</i>	-	Terrestrial, Intermediate	Non commercial	Used in eye, ear , throat diseases	Evergreen conifer, found in lower reaches	Floriculturists/
							Nurserymen/Gardeners
Chinar	<i>Platanus orientalis</i>	-	Terrestrial, Intermediate	Non commercial	-	Leaves give pleasing ground cover during fall	Floriculturists/
							Nurserymen/Gardeners
Dayar	<i>C.deodara</i>	-	Terrestrial, Intermediate	Non commercial	Antipyretic, antiseptic	Evergreen conifer, Found in higher reaches	Floriculturists/
							Nurserymen/Gardeners

Format 27 A: Coastal and Marine Flora

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local Status		Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder
				Past	Present					

NIL

Format 27 B: Coastal and Marine Fauna

1	2	3	4	5		6	7	8	9	10
Animal Type	Local Name	Scientific Name	Habitat	Local Status		Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder
				Past	Present					

NIL

Format 29: Flora (Urban Biodiversity)

1	2	3	4	5	6	7
S.No.	Local Name	Scientific Name	Type of Plant	Habitat	Flowering Season	Rare/Common
1	Chir	Pinus roxburghii	Ornamental Tree	Terrestrial, Intermediate	Evergreen conifer, found in lower reaches	Common
2	Chinar	Platanus orientalis	Ornamental Tree	Terrestrial, Intermediate	Leaves give pleasing ground cover during fall	Common
3	Dayar	C.deodara	Ornamental Tree	Terrestrial, Intermediate	Evergreen conifer, Found in higher reaches	Common
4	Mor Pankh	Thuja compacta	Ornamental Shrub	Terrestrial, Intermediate	Treatment of cold sores, skin infections	Common
5	Hydrangea	Hydrangea macrophylla	Ornamental Shrub	Terrestrial, Intermediate	Flowers in June-July	Common
6	Panj Tara	Largerstromia indica	Bushes/Shrubs	Terrestrial, Intermediate	Pink flowers	Common
7	Nerium	Nerium oleander	Bushes/Shrubs	Terrestrial, Intermediate	Avenue plantation	Common
8	Lavender	Lavandula officianalis	Bushes/Shrubs	Terrestrial, Intermediate	Flowers in June-July. Highly fragrant.	Common
9	Gutta	Tagetes patula	Herbs Seasonals	Terrestrial, Intermediate	Grows round the year	Common
10	Guldaudi	Chrysanthemum	Herbs Seasonals	Terrestrial, Intermediate	Winter annual flower	Common
11	Gulab	Rosa spp	Herbs Seasonals	Terrestrial, Intermediate	Perennial flower	Common

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.)
Nil					

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