

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti:- Ladhwal

Taluk: Ladhwal

District: Ramban

State: Jammu and Kashmir

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total 2500

Male :- 1300

Female: 1200

Habitat and Topography:

Climate (Rainfall, Temperature and weather patterns) : Temperate

Land Use (Nine fold classification available with village records)

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) : Owned / Management Forest

Annexure 1

Members 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)

Name of the Chairperson: Poonam Devi W/o Prem Chand (9622004678)

F

Address: Ludhwal

Specialization: Sarpanch / PRI

Name: Md Sadiq S/O Khan Mohd

M

Address: Ludhwal

Specialization: Agriculture

Name: Joshi Kumari W/o Ramesh Chander

Age: 45 years

Gender: Female

Address: Kothri

Specialization: Housewife

Name: Nisha Devi W/o Anil Kumar

Age: 35 years

F

Address: Kothri

Specialization: Housewife

Name: Sat Paul S/o Bhagat Ram

M

Address: Ludhwal

Specialization: Agriculture

Name: Mohd Shafiq SO Gh Hussain

M

Address: Ludhwal

Specialization: Agriculture

Name: Harmmeet Singh S/O Harminder Singh

M

Address: Ludhwal

Specialization: Agriculture

Annexure 2

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 : Md Aslam S/O Lt Amar Din

Sex: M

Address: Kothri

Specialization: Hakim

Location from which the person accesses biological material:

Position of the practitioner on the resource status:

Primary Use:

Name: din Mohd S/O Lt Omar Din

Sex: M

Address: Kothri

Specialization: Hakim/ Vaid

Location from which the person accesses biological material:

Position of the practitioner on the resource status:

Primary Use:

Name: Ashok Kumar S/o Chain Singh

Age: 45 years

Sex: Male

Address: Kothari (ward no. 6)

Specialization: Hakim /Vaid

Location from which the person accesses biological material:

Position of the practitioner on the resource status:

Primary Use:

Name: Satya Devi W/o Sh. Chain Singh

Age: 45 years

Sex: Female

Address: Kothari (ward no. 6)

Specialization: Housewife

Location from which the person accesses biological material:

Position of the practitioner on the resource status:

Primary Use:

Annexure 3

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

Name : Prem Nath S/o Bajitru

M

Location : Ladhwal

Specialization: Agriculture/ Horticulture

Name : Harnam Chand S/o Lt Sh Parshotam Chand

M

Location : Ladhwal

Specialization: Horticulture

Name: Hoshiyar Chand S/O Bajitru Chand

M

Location : Ladhwal

Specialization: Agriculture/ Horticulture

Name: Mola Singh S/o Chain Singh

years

Male

Location : Kothari

Specialization: Agriculture & Horticulture

Name: Mohd Saleem S/o Omar din

years

Male

Location : Kothari Ward no. 6

Specialization: Agriculture & Horticulture

Annexure 4

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

Contact Person:

Name and Address: Poonam devi W/o Prem Chand : 9622004678

Contact Person:

Name and Address: Anil Kumar R/o Kothari (RDD) GRS

Contact Person:

Name and Address: Bashir Ahmed Shah R/o Shivgarh

Contact Person:

Name and Address:

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

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

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					
Wild oat	<i>Avena ftua</i>	jngli javi	wheat	Complete for space nutrients	All cultivated field	Plenty	Plenty	Fodder	Cultural Chemical	Grow with crops	annual	Farmers
Jhadi	<i>Parthenum spp.</i>	Congress grss	Fodder crops	Complete for space nutrients	Uncultivated land	Plenty	Plenty	nil	uprooting before flowering	Grow wild	biannual	Farmers
Crab grass	<i>Digitrees spp.</i>		All Kh. Crops	Reduce yield	cultivated land	Plenty	Plenty	Fodder	Cultural Chemical	Grow wild	annual	Farmers
Bael	<i>Ipomea spp.</i>	Bael	All kh. Crops	Suppress growth	Cultivated field	Plenty	Plenty	nil	Mechanical Chemiel		annual	Farmers
Bathua	<i>Chenopodium album</i>	Bathu	All Kh. Crops	Complete for light , water nd nutrients	Cultivated field	Plenty	Plenty	Fodder	Mechanical Chemical	Grow wild	annual	Farmers

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

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)

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											
Khet (W.No. - 4)													
3 Nos.													

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: FURIT 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>	Aaroo	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		<i>Fresh fruit,</i>		Farmer/ Department of Horticulture
Walnut	<i>Juglans rejia</i>	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy		<i>Dry Fruit</i>		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					
Herbs	Guchi	<i>Morchella esculanta</i>										
Herbs	Jungli Pudina	<i>Mentha arvensis L</i>										
Herbs	kassod	<i>Senna siamea</i>										
	Kandi	<i>Trosopis Cineraria</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 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	Dayar	<i>C.deodara</i>		Forest	Non commercial	Ornamental/ Landscaping	Antipyretic, antiseptic	Evergreen conifer, Found in higher reaches	Floriculturists/ Nurserymen/Gardeners

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 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Akhrot	<i>Juglans Regla</i>	wild	Fruit, Timber	Abundant
2	Banj	<i>Quercus Incana</i>	wild	Fodder, Firewood	Abundant
3	Kainth	<i>Pyrus Pashia</i>	wild	Fodder, Firewood	Abundant
4	Toon	<i>Toona Ciliata</i>	wild	Fuel wood	Abundant
5	Phaktae	<i>ficus palmats</i>	wild	medicinal	Abundant
6	Kao	<i>OleaCuspidte</i>	wild	Medicinal	Abundant
7	Chir	<i>Pirius Roxburghir</i>	wild		

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					
	Daru	<i>Berberis aristata</i>									
	Bhang	<i>Cannabis sativum</i>									

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					
Amlook	<i>Date palm</i>	Dnte pulm	Hilly and temperate	available	available	Fruit	Rich in vit ,C,E ,K	Pulp of fruit	Good source of fibre	Farming community
Jngli palak	<i>Ruymer crispus</i>	all crop	Hilly and temperate	available	available	Used as vegetables	Used as vegetbles	Leaf		NOTK with knowledge of weed
Phakwara	<i>Ficus Casica</i>	Fig	Hilly and temperate	available	available	Fruit	Pulp of fruit .Rich in vitamin , sugar and minerals	Pulp of fruit	Seeds	Farmers
Kamblu	<i>Cynococcus spp.</i>	Blueberry	Hilly and temperate	available available	available	Fruit	Rich in Vit C, K nd min mn	Pulp of fruit	King of oxidants	Farming community

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
Mor Pankh	<i>Thuja compacta</i>	-	Terrestrial, Intermediate	Non commercial	Used for Respiratory tract infection	Treatment of cold sores, skin infections	Floriculturists/

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	Hydrangea	Hydrangea macrophylla	Ornamental Shrub	Terrestrial, Intermediate	Flowers in June-July	Common
5	Panj Tara	Largerstromia indica	Bushes/Shrubs	Terrestrial, Intermediate	Pink flowers	Common
6	Nerium	Nerium oleander	Bushes/Shrubs	Terrestrial, Intermediate	Avenue plantation	Common
7	Lavender	Lavandula officianalis	Bushes/Shrubs	Terrestrial, Intermediate	Flowers in June-July. Highly fragrant.	Common
8	Gutta	Tagetes patula	Herbs Seasonals	Terrestrial, Intermediate	Grows round the year	Common
9	Guldaudi	Chrysanthemum	Herbs Seasonals	Terrestrial, Intermediate	Winter annual flower	Common
10	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.)
1	Leopard	<i>Panthera pardus</i>			
2	Jackal	<i>Canis aureus</i>			
3	Wild fox	<i>Vulpes vulpes</i>			
4	Wild cat	<i>Felis silvestris</i>			
5	Bandar	<i>Macaca mulatta</i>			
6	Reech	<i>Ursus thibetanus</i>			
7	Black bear	<i>Ursus americanus</i>			
8	Langoor	<i>Semnopithecus</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: Any other information of local importance

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

End of Part II