

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Hari Budha Upper

Taluk/Tehsil/Block : Lassana

District: Poonch

State/UT: Jammu And Kashmir

Geographical Area of the pancahayt Samiti:

Population Of the Panchayat samiti...Total 3200

Male= 2000

Female = 1200

Habitat and Topography: Hilly & Sloppy

Climate (Rainfall, Temperature and other weather patterns): Cold Temperature

Land Use (Nine fold classification available with village records):

Date, Month and Year of PBR preparation: 20-09-2021



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 :

Age:

GENDER:

Address:

Area of specialization:

Location from which the person accesses biological material: local/non local

Perception of the practitioner on the resource status: less local resources available

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 : Mir Mohd S/o Badhar

Age: 75 years

Gender: Male

Address: Hari Budha Upper

Area of specialization: Agriculture & Forestry

2) Name :

Age:50

Gender:

Address:

Area of specialization:

3) Name of the Chairperson:

Age:

Gender:

Address:

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:

Name and Address:

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

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

Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	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							
Maize	<i>Zea mays</i>	Maki	Kh-5/7	Hilly & Lower hills		Common	Common	HVY resistant to drought/Lodging	Kharief	Food Fodder	Staple food	Not-known	Agricultural deptt.	Farmers
Vine	<i>Phaseolus vulgaris</i>	Rajmash	Local	Hilly Temperate		Common	Common	Medium yielding	Kharief	Food Fodder	Staple food		Agricultural deptt.	Farmers/ Knowledge holder
Potato	<i>Solanum tubersum</i>	Aloo	Local	Hilly areas or Lower hills		Common	Common	Tubers are round greminsh	Rabi	vegetable & Chips	High carbonate	-	Natural	Farmers

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>Malus domestica</i>	Saib	Local	Sub-tropical or Lower hilly areas	Common	Common	Agriculture deptt	Aug-Oct		Fruit/ Medicinal uses		Farmer
Tree	<i>Citrus sinensis</i>	Santra	Local	Mid hills	Rare	Common	Nurseries	Throughout the year		Fruits/ Pickling		Community / Knowledge holder
Tree	<i>Juglans Regia</i>	Khore	Khagzi	Sub-tropical	Common	Rare	Agriculture deptt	Aug-Oct		Dry fruits		Farmer or community
Tree	<i>Pyrus Spp.</i>	Nashpati/nakh	Local	Sub-tropical	Common	Common	Nurseries	July-Sep		Fruits		Farmer or community

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					
Herb	<i>Coriandrum sativum</i>	Dhania	Tropical - Subtropical	Common	Common	Seeds/ Agricultural Deptt	Nutritious	Leaves, Seeds	Used in vegetables	Farmers
Herb	<i>Zingiber officinale</i>	Ginger	Tropical - Subtropical	Common	Common	Agricultural deptt.	Medical uses	Stem	Used in food / Spices	Knowledge holder/ Farmer
Tree	<i>Salix Alba</i>	Besa	Mid hills	Common	Common	Naturally / Cutting	Potable fodder	Leaves	Suitable for fodder	Community / Knowledge holder
Herb	<i>Allium sativum</i>	Thoom - Abundant	Sub-tropical	Common	Common	Seeds	Medical uses	Clove	Spice uses	Farmers

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
Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	Sub Tropical/	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Vegetables	Snails	<i>Cornu aspersum</i>	Bleette	Tropical	During winter season	Chemical control	-	Feed on crop stem	Farmers
Maize	Cut worm	<i>Agrotis ipsilon</i>	Makk kida	Sub-tropical	Kharief	Chemical control	-	Feed on crop leaves	Farmers
Wheat	Termite	<i>Odontotermes obesus</i>	Seenak	Sub-tropical	Kharief	Chemical control	-	Feed on crop leaves & fruits	Farmers/ Community

Format-8 Landscape

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub - Landscapes	Feature s 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											
Cultivated Land	Not Applicable	Not Applicable	Cultivated Land		Agricultural Land are Privately owned	Fodder and Crop Plants	Insects,Snakes, Dogs,Fox,Jackels etc	Nil	Nil	Nil		Nil	Low-Income community
Non-Cultivated Land	Not Applicable	Not Applicable	Non-Cultivated Land		Govt./Private	Wild plants and Fodder Plants	Insects,Snakes, Dogs, Fox, Jackels etc	Nil	Nil	Nil		Nil	Low-Income community
Forest Land	Not Applicable	Not Applicable	Forest Land		Government	Wild plants	Wild animals, wild Chicken, fox, Jackel, Insects etc	Nil	Nil	Nil		Nil	Low-Income community

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
Sandy and clay soil	Clayey loam, sandy loam,	Fine Granular, Dub-Angular Blocky Structure having pH 7.8-8.3, Water Holding capacity more than 40%	Use of Organic matter	Maize, Wheat	-	-	-

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	<i>Scientific Name</i>	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						
Plant Type	Plum	<i>Prunus Domestica</i>	Blood plum	Sub-tropical	Common	Common	Nurseries/ agricultural Deptt.	July-Sept	Fruits	Medicinal	Market use	Knowledge holder
Tree	Chorota	<i>Prunus armenica</i>	Local	Temperate	Common	Common	Agricultural Deptt.	Aug-Oct	Fruits	Medicinal	Market use	Farmers
Tree	Aru	<i>Prunus percia</i>	Local	Temperate	Common	Common	Agricultural Deptt.	July-Sept	Fruits	Medicinal	Market use	Farmers
Herb	Druni	<i>Punica granatum</i>	Local	Sub-tropical	Rare	Rare	Agricultural Deptt.	June- July	Fruits/ Medicinal	Medicinal	Own use	Knowledge holder

Format-12 Medicinal Plants (Herb, 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					
Shrubs	Trimuru	<i>Zanthoxylum aurmatum</i>	Local	Sub-tropical	Seed	Abundant	Abundant	Good for Cleaning Teeths.	Stem / Seed	Medicinal uses	N.A	Generally, held by community
Shrubs	Anardana	<i>Punica granatum</i>			Seed	Rare	Rare	Edible	Fruit	N.A	N.A	Generally, held by community
Shrubs	Kankoli	<i>Elaeagnus parvifolla Wallich ex Royle</i>	Local	Mid hills	Naturally	Common	Common	Edible	Fruits, leaves, Bark	Medicinal purposes		Community/ Farmers
Trees	Bair	<i>Ziziphus xylocarpa</i>			Seed	Rare	Rare	Medicinal use	Fruit,Leaves	N.A	N.A	Generally, held by community

Format-14 Timber Plants/Trees

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
				Past	Present					
Trees	Chir	Pinus roxburghii	Sub-tropical	Rare	Rare		Roofing, furniture etc.	nil	nil	
Trees	Rein	Quercus incana	Sub-tropical	Rare	Common	Wild	Roofing, furniture etc.	nil	nil	

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Goat	Bakari	<i>Capra Aegagrus</i>	Hybrid	Short horn	Shed	Common	Common	Wool/ Milk, Mutton				Farmers/ Knowledge holder
Dog	Kutta	<i>Cains lupus</i>	Hybrid/ Bakarwali Kutta	Curly tail	Kennels	Common	Common	For house security	Nil	Nil	Nil	Farmers/ Knowledgeholder
Cow	Gaay	<i>Bos taures</i>	Local	Long horn	Cow shed	Common	Common	Milk, Cow dung	Milk good for health	Yes	High milk production	Farmers/ Community

Format-18 Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Trees	Bair	<i>Ziziphus xylocarpa</i>	Trees	Sub-Tropical	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Dhaman	<i>Grewia optiva</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Stem/Bark	nil	nil	Generally, held by community
Trees	Drankh	<i>Melia azedarach</i>	Trees	Sub-Tropical	Abundant	Rare	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Guvava	<i>Psidium Guajava</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	posses medicinal properties	nil	Generally, held by community
Trees	Kainth	<i>Pyrus paschia</i>	Trees	Sub-Tropical	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Kiker	<i>Acacia Nilotica</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Trees	Safeda	<i>Eucalyptus spp.</i>	Trees	Sub-Tropical	Rare	Abundant	own	Stem	nil	nil	Generally, held by community

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	Bhang	<i>Cannabis sativa</i>	Wild	Economic, social	
2	Jungali anar	<i>Punica granatum</i>	Wild	Economic and social	
3	Simlu	<i>Berberis lyceum</i>	Wild	Economic, furnitures, fuels etc	
4	Jungali Gulab	<i>Rosa macrophylla</i>	Wild	Economic , cultural	
5	Akhrot	<i>Juglans regia</i>	Wild	Economical & Social	

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				
Luss	<i>Schizothorax spp.</i>		elongated subcylindrical body with short blunt upper jaw , herbovorous		Rare	Rare				
Sona Machhli	<i>Barillius sp.</i>		omnivorous body very long and much compressed sides irregularly marked with numerous incomplete oblique spots		Common	Rare				

Format-21 Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Kuth	<i>Saussurea lappa</i>	Herb	Medicinal uses	Common
2	Simlu	<i>Berberis lyceum</i>	Herb	Medicinal uses	Common
3	Banafsha	<i>Viola odorata</i>	Herb	Medicinal uses	Common

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					
Herb	<i>Patrees</i>	<i>Aconitum heterophyllum</i>	Herb					It is an excellent tonic for combating ability after malarial & other fevers & diseases	Roots		
Herb	<i>Banafsha</i>	<i>Viola</i>	Herb					Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower		
Herb	<i>Kuth</i>	<i>Soussurea lappa</i>	Herb					Used in treatment of cough, asthma & fever.	Root		

Format-25 Fumigate/Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
Shrub	Trimuru	<i>Zanthoxylum</i>	-	Forest	Rare	Rare	use for teeth Cleaning/ Medicinal Purpose	Fruit, Branches	-	-	Generally, held by community
		<i>aurmatum</i>									
Shrub	brankad	<i>Adha toda vesica</i>	,	Locally present	Rare	Rare	Medicinal purpose	Flower	-	-	Generally, held by community
Shrub	Bana	<i>Vitex negundo</i>	,	Locally present	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community
Tree	Kiker	<i>Acacia Nilotica</i>	,	Forest	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community

Format-26 Timber Plants

1	2	3	4		5	6	7	8
Local Name	<i>Scientific Name</i>	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Chir	<i>Pinus roxburghii</i>	Sub-tropical	Rare	Rare	Roofing, furniture etc.	Whole for different uses		Community
Besa	<i>Salix Alba</i>	Sub-tropical	Common	Common	Roofing, furniture etc.	Whole for different uses		Community/ Farmer
Rein	<i>Quercus Incana</i>	Sub-tropical	Moderate	Moderate	Roofing, furniture etc.	Whole for different uses		Knowledge holder
Tung	<i>Cedrus deodara</i>	Forest	Rare	Rare	Roofing, furniture etc.	Whole for different uses		Knowledge holder

Format - 28. Wild Animals (Mammals, Birds, Reptiles, Amphibians, Insects, others)

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present					
Mammal	Black bear	<i>Ursus thibetanus</i>				Available	Available		Prohibited		Maintains forest ecosystem	
Mammal	Porcupine	<i>Hystrix indica</i>				Available	Available		Prohibited		Maintains forest ecosystem	
Mammal	Leopard	<i>Panther pardus</i>				Available	Available		Prohibited		Maintains forest ecosystem	
Bird	House crow	<i>Corvus splendens</i>				Available	Available		Prohibited		Maintains forest ecosystem	
Bird	Koel	<i>Eudynamys scolopaceas</i>				Available	Available		Prohibited		Maintains forest ecosystem	

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	San	<i>Aesculus indica</i>	Tree	Sub-tropical	April-May	Common
2	Safeda	<i>Eucalyptus spp.</i>	Tree	Sub-tropical	Mar-July	Common
3	Kiker	<i>Acacia Nilotica</i>	Tree	Sub-tropical	April-May	Common
4	Akhrot	<i>Juglans regia</i>	Tree	Sub-tropical	Aug-Sept	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	Manj	<i>Babalus bubalis</i>	Mammals	Cow shed	Common
2	Kabutar	<i>Columba livia</i>	Birds	Forest	Common
3	Totaa	<i>Psittacula krameri</i>	Birds	Forest	Common
4	Bander	Macaca Mulatta	Mammals	Forest	Common

Format 31: Any other information of local importance

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