

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Chinote

Taluk: Bhaderwah

District: Doda

State: J&K UT

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: 4500

Male:

Female:

Habitat and Topography:

Climate (Rainfall, Temperature and weather patterns):

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

Date, Month and Year of PBR Preparation:

Management Regime: Reserve Forest (RF)/Joint Forest Management(JFM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM):-

Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated body ; not less than one third to be women and not less than 18% belonging to SC/ST)

1)Name of the Chairperson: Khalid Bashir Mughal (Mobile No. : 9797451786)

Age: 51

Gender: Male

Address: Chinote

Area of specialization: Bussinesman

2) Name: Mindla Devi (ST0 (Mobile No.: 7051218009)

Age: 31

Gender: Female

Address: Banjla Chinote Bhaderwah

Area of specialization: Household

3) Name:- Minalerli Devi (SC) (Mobile No. : 9682564576)

Age: 28

Gender: Female

Address: Tapri, Chinote, Bhaderwah

Area of specialization:

4)Name: Akhter Hussain (Mobile No. : 9086225977)

Age: 46

Gender: Male

Address: Chinote Bhaderwah

Area of specialization:

5)Name: Bittu Kumar (Mobile No. : 9906130344)

Age: 46

Gender: Male

Address: Mathola Bhaderwah

Area of specialization:

6) Name: Anjit Kumar (Mobile No. : 7051121924)

Age: 30

Gender: Male

Address: Bandarbhag Mathola Chinote

Area of specialization:

7)Name: Sansar Chand

Age: 71

Gender: Male

Address: Shahkhoja Chinote Bhaderwah

Area of specialization:

8)Name: Azeem Ahmed (Vlw) (Member secretary)

Age: 29

Gender: Male

Address: Chinote

Area of specialization:

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources within the jurisdiction of the village
1)Name: Abdul Rashid
Age: 71
Gender: Male
Address: Chinote
Area of specialization: Bone / Joint
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:

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

1) Name of the Chairperson: Mohd. Iqbal

Age: 46

Gender: Male

Address: Chinote

Area of specialization: Fisheries

2) Name of the Chairperson: Bilal Ahmed

Age: 61

Gender: Male

Address: Chinote

Area of specialization: Agriculture

3) Name of the Chairperson: Subash Kumar

Age: 51

Gender: Male

Address: Mathola

Area of specialization: Agriculture

4) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

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

1) **Contact Person:** 9906084843

Name and Address: Azeem Ahmed r/o Chinote

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

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

1	2	3	4	5	6
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	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx Area Sown	Local Status		Special features	Cropping Season	Uses	Associated TK	Other Details	Source of Seeds / Plants	Community / Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>		Veliyan	Low Land valleys		Plenty	Rare	Tall variety high yield Resistant to drought, flood, pest & Disease		Food Fodder roofing Fuel	Provides More energy	Suitable for Valicha Cultivation	Market & Panchayat	Kurichiya Kuruma W. Chetty
Maize	<i>Zea mays</i>	Kukdi	White/ Red	Low Land valleys		Plenty	Rare	Tall variety high yield Resistant to drought, flood, pest & Disease		Food Fodder roofing Fuel	Provides More energy	Suitable for Valicha Cultivation	Market & Panchayat	Kurichiya Kuruma W. Chetty

Format-2 : Fruit Plants

1	2	3	4	5	6	7		8	9	10	11	12	13
Plant	Scientific Name	Local Name	Variety	Habitat	Landscape / Habitat	Local Status		Source of Seeds / Plants	Season of fruiting	Associated TK	Uses	Other Details markt / own use	Community / Knowledge Holder
						Past	Present						
Apple	<i>Malus domestica, borkh</i>	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Tree, Regular bearing	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct		Fruit, Economy Generation	Marketing, Own use	
Pear	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Tree, Regular bearing	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep		Fruit, Economy Generation	Marketing, Own use	
Peach	<i>Prunus persica (L) batsch</i>	Aaroo	July Elberta, Quetta	Tree, Regular bearing	Mid Hills	Rare	Rare	Nurseries	June-July		Fruit	Marketing, Own use	
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	Local apricot, Bebcu	Tree, Regular bearing	Mid Hills	Plenty	Plenty	Nurseries	June-July		Fruit	Own Use	
Walnut	<i>Juglans regia</i>	Akhrot	Paper/Thin Shelled, Hard & Medium Shelled	Tree, Regular bearing	Temperate Hills	Plenty	Plenty	Nurseries & Locally raised	Sept-Oct		Dry-fruit, Economy generation	Marketing, Own use	
Plum	<i>Prunus salicina</i>	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Tree, Regular bearing	Mid Hills	Rare	Rare	Nurseries & Locally raised	July-Aug		Fruit	Own use	
Pmergranate	<i>Punica granatum</i>	Anar	–	Tree, Regular bearing	Mid Hills	Rare	Rare	Locally Raised	August-September		Fruit	Own use	
Cherry	<i>Prunus tormentosa</i>	Cherry	–	Tree, Regular bearing	Mid Hills	Rare	Rare	Locally Raised	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 Seeds / Plants	Associated TK	Part Used	Other Details	Community /Knowledge Holder
				Past	Present					
Oats	<i>Avena sativa</i>	Ghaas	Temperate/ Intermediate	Local varieties	Improved varieties	Self	Stored in locally made indigenous structure called "Tye"	Crop	NA	NA
Berseem (Egyptian Clover)	<i>Trifolium alexandrinum</i>	Gjaas	Irrigated areas	NA	Improved varieties	Self	NA	Crop	NA	NA

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					
Ipomoea	<i>Ipomea spc.</i>	Zeharbael	Maize	Destroys the plant	Temperate and Intermediate	No weed management	Scientific based weed management	Nil	Proper and timely removal	Nil	NA	NA
Ipomoea	<i>Ipomeaaqatica</i>	Ghaas	paddy	Destroys the plant	Temperate and Intermediate	No weed management	Scientific based weed management	Nil	Proper and timely removal	Nil	NA	NA
Celosia	<i>Celosia Argentina</i>	Neeli	Paddy	Destroys the plant	Temperate and Intermediate	No weed management	Scientific based weed management	Nil	Proper and timely removal	Nil	NA	NA
Mash	<i>Cyprus esceluntus</i>	Ghass	-		Temperate and intermediate areas of the District	No weed management	Weed management on scientific lines being followed by the farmers	-	-	-	-	No TK associated with either knowledge or management of Ipomea weed

Format-5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect /Animals	Scientific Name	Local Name	Habitat	Time / Season of Attack	Management mechanism	Associated TK	Other Details	Community /Knowledge Holder
	Leaf folder	<i>Cnaphalocracis</i>	Patta Modak	Paddy fields	Tillering stage/ monsoon	Dragging rope across the field, light traps, spraying chloropyryfos, cypermethrin or cartap hydrochloride to kill the larvae	Clipping of upper portion of seedlings	NA	NA
Paddy	Stem Borer	<i>Scirpophaga incertulas</i>	Tanna shedak	Paddy fields	July to September	Soil solarisation in May or June. Cartap hydrochloride 4G @1.25kg/Kanal or carbofuran 3G @1Kg/Kanal`	NA	ETL 5% dead heart	NA
	Aphids	<i>Sitobin avenae</i>	Tella	Polyphagous	Feb-April	Proper spray of insecticides	NA	NA	NA
	Pink stem borer	<i>Sesamia inferns</i>	Ludi	Polyphagous/ debris	Nov-feb	Field sanitisation and continuous removal and destruction of infected plants	NA	NA	NA
Wheat	Termites	<i>Odontotermis</i>	Sink	Polyphagous/ sandy and loamy soils	Kharif	Field sanitisation and continuous removal and destruction of infected plants	NA	NA	NA
	Stem borer	<i>Chilo partellus</i>	Ludi	Polyphagous	Kharif	Field sanitisation and continuous removal and destruction of infected plants	NA	NA	NA
Maize	Corn worm	<i>Helicoverpa armigera</i>	Sundi	Maize cobs	Kharif	Field sanitisation and continuous removal and destruction of infected plants. Installing pheromone traps @ 6-10/acre	NA	NA	NA

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
	Govt. Employees	Farming	Farmlands	Do	Do	Timely & Proper fertilizers, Insecticides, fungicides and anti-bacterial sprays	GEN	NA	NA	15
	Farmers	Farming	Farmlands	Do	Do	Do	SC	NA	NA	50
	Farmers	Farming, Animal Husbandry	Farmlands	Do	Do	Do	GEN	NA	NA	30
	Farmers	Farming, Animal Husbandry	Farmlands	Do	Do	Do	ST	NA	Na	200

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											
Cultivated			Cultivated	100 Hect	Private	Plants/Herbs	Reodents	Villagers	Crop Rotation	Cultivation	Farming	--	Low Income
Non Cultivated			Non Irrigated	70 Hect	Govt/Private	Marsh Swanp	Insects	Villagers	Crop Rotation	Cultivation	Farming	-	Low Income
Forest			Forest	160 Hect	Govt Land	Deodar Pine	wild	Villagers	Afforestation	Firewood Timber	N/A	-	Every Community
Irrigated			Irrigated	80 Hect	Private	Rice Maize vegetable	Amphibians	Zimindars	Canal Channel	Crop	-	-	Every Community
Grazing			Non Cultivated	60 Hect	Govt	Plants/Herbs	Reodents	Villagers		Animal	-	-	Every 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

Format 11: Fruit Trees

1	2	3	4	5	6	7		8	9	10	11	12	13
Plant	Scientific Name	Local Name	Variety	Habit	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, borkh</i>	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Tree, regular bearing	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct	Fruit, Economy Generation		Marketing, Own use	
Pear	<i>Pyrus spp.</i>	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep	Fruit, Economy Generation		Marketing, Own use	
Peach	<i>Prunus persica (L) batsch</i>	Aaroo	July Elberta, Quetta	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries	June-July	Fruit		Marketing, Own use	
Apricot	<i>Prunus armeniaca</i>	Khubani, Sadi	Local apricot, Bebcu	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	June-July	Fruit		Own Use	
Walnut	<i>Juglans regia</i>	Akhrot	Paper/Thin Shelled, Hard & Medium Shelled	Tree, regular bearing	Temperate Hills	Plenty	Plenty	Nurseries& Locally raised	Sept-Oct	Dry-fruit, Economy generation		Marketing, Own use	
Plum	<i>Prunus salicina</i>	Aaloo Bukhara	Santa rosa. Aloo Bukhara	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries& Locally raised	July-Aug	Fruit		Own use	
Persimmon	<i>Dios pyrus</i>	Amlook	Local	Tree, regular bearing	Mid/ temperate hills	Rare	Rare	Locally raised	July-august	fruit		Marketing	

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	Location Status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community know Holders
						Past	Present					
Herb	Tamatar	<i>Solanum lycopersicum</i>	Local	Temperate	Cultivated	Available	Available	To reduce heart diseases, kidney stones and gall bladder stones	Fruit	Cure heart and stone diseases	Fruit	
Herb	Dhaniya	<i>Coriandrum sativum</i>	Local	Temperate	Cultivated	Available	Available	Used for loss of appetite, tooth aches	Seeds	Cure pain	Seeds	
Herb	Pudina	<i>Mentha spicata</i>	Local/wild	Temperate	Cultivated/ naturally grown	available	Available	To cure infection	Leaf	Cure infection	both	
Herb	Pyaz	<i>Allium cepa</i>		Temperate	Cultivated	Available	Available	To cure cold and cough	Roots	Extract	both	
Herb	Lahsun	<i>Allium sativum</i>	Local	Temperate	Cultivated	Available	Available	To cure wounds	Whole plant	Used for wounds	As such	
Herb	Green Chilly	<i>Capsicum annuum</i>	Local	Temperate	Cultivated	Available	Available	To improve immune system	Entire	Improve eye site	Fruit	

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					
Tree	Deodar	<i>Cedrus deodara</i>	Tree	Forest , temperate	Dense	Least dense	Commercial, own use	Whole plant for different uses	Furniture, roofing	Furniture, roofing	
Tree	Kail	<i>Pinus wallichiana</i>	Tree	Forest , temperate	Dense	Least dense	Commercial, own use	Whole plant for different uses	Furniture, roofing	Furniture, roofing	
Herb	Banafsha	<i>Viola odorata</i>	Herb	Temperate	Available	Available	Commercial, own use	Flower	Flower	Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles	
Herb	Kins	<i>Dioscorea deltoidea</i>	Climber	Temperate	Available	Available	Commercial, own use	Tuber	Commercial, Own use	The Tubers yield Diosgenin which is used to synthesize sex hormones and corisone, Cortisone is extensively and used in rheumatism and allergic conditions. Propagation of the species is through rhizome	

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Status
1	Kulmech	<i>Viburnum grandiflorum</i>	Wild Plant	Wild animals feed upon the fruit of this plant like Beer etc	-
2	Bhrami	<i>Taxus baccata</i>	Wild Plant	Medicinal Plant and used to cure cancer	-
3	Akhroot	<i>Juglans regia</i>	wild	Economically important as farmer fetches good price, socially important for different cuisines, improves good cholesterol	
4	Bhang	<i>Cannabis sativa</i>	wild	Commercial extraction banned, given to animals to improve their health	
5	Guchi Mashroom	<i>Morchella esculenta</i>	wild	Dried and sold which fetches Rs.10000-15000 per Kg used in making pulao (cuisine), as aphrodisiac in medicine	

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	Part used	Other details market/own use	c.knowledge holder
					Past	Present					
Herb	Banafsha	<i>Viola spp.</i>	Herb	Temperate	Available	Available	Available	Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles	Flower		
Climber	Kins	<i>Dioscorea deltoidea</i>	Climber	Temperate	Available	Available	Available	The t yield Diosgenin, which is used to synthesize sex hormones and Corisone, Cortisone is extensively and used in rheumatism and allergic conditions. Propagation of the species is though rhizome.	Tuber		

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					
Desiber	<i>Ziziphus</i>	Ber	Temperate	Available	Available	As fruit	Fruit	–	–	Farming Community of the area
Juniber	<i>Juniperus communis</i>	Pinophyta	Temperate	Available	Available	As show	Whole	Food plant of butterflies'	–	–

Format 24: Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial/non-commercial uses	Associated Tk	Any other detail	Community knowledge holder
Rose	<i>Rosa sancatun</i>	Red rose	Low land	Commercial	Ornamental	Not Known	Self observed
Marigold	<i>Tagetes erecta</i>	Local	Natural	Both	Ornamental	-	-

Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, 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	Ass. TK	Mode of hunting	Other details	Community/ Knowledge Holder
						Past	Present					
Mammals	Chitra	<i>Panthera pardus</i>	Forest	Endangered	Winter season	Least	More	-	-	Weapon	endangered	-
Mammal	Bhalu	<i>Ursus americanus</i>	Forest	-	summer	Least	More	-	-	Weapon	-	-
Mammal	Fox	<i>Vulpes vulpis</i>	Forest	-	All season	More	More	-	-	Weapon	-	-
Mammal	Monkey	<i>Macaque</i>	Forest	-	All season	More	More	-	-	Weapon	-	-
Birds	Gid	<i>Gyps africanus</i>	Forest	Critically Endangered	All season	Least	Least	-	-	Weapon	Critically Endangered	-
Birds	kabutar	<i>Columba livia</i>	Forest	-	All season	More	More	-	-	Weapon	-	-

Reptile	Saanf	<i>Ptyas mucosa</i>	Forest	-	summer	More	More	-		Stick	-	-
Reptile	Saanf	<i>Lycodon Mackinnoi</i>	Forest	-	Summer	More	More	-	-	Stick	-	-
Lizards	chipkali	<i>Hemidactylus brookii</i>	Forest/Local	-	Summer	More	More	-	-	Stick	-	-
Aquatic	Fish	<i>Trout</i>	Pond / Nalla	-	all	More	More	-	-	Hook n Net	-	-
Insects	Spider	<i>Araneae</i>	Local/ forest	-	all	More	More	-	-	-	-	-
Insects	Ant	<i>Formicide</i>	Local/ forest	-	all	More	More	-	-	-	-	-

URBAN BIODIVERSITY

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.)

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

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.)

Format 31: Any other information of local importance

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

End of Part II