

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti:- Hatli

Taluk:- Keerian Gandyal

District:- Kathua

State:- Jammu & Kashmir

Geographical Area of the Panchayat Samiti:- 1156 Ha approx

Population under the Panchayat Samiti: Total- 2510

Male- 1475

Female- 1035

Habitat and Topography: Sub Tropical

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation: 17/03/2021

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 ; not less than one third to be women and not less than 18% belonging to SC/ST)****1)Name of the Chairperson :-** Bupinder Kumar Sharma**Age:** 52 years**Gender:** Male**Address:** Hatli**Area of specialization:** Sarpanch**2) Name:** Pinky Devi**Age:** 32 Years**Gender:** Female**Address:** Hatli**Area of specialization:** Asha Worker**3)Name:-** Pooja Devi**Age:** 40 Years**Gender:** Female**Address:** Hatli**Area of specialization:** Member**4)Name:** Rajesh Mehra**Age:** 43 Years**Gender:** Male**Address:** Hatli**Area of specialization:** Member**5)Name:** Rajat Sharma**Age:-** 25 Years**Gender:** Male**Address:-**Hatli**Area of specialization:** Member

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:** 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:****2) 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:****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

1) Name: Ashok Kumar s/o Thundu Ram

Age: 55 Years

Gender: Male

Address: Ward No. 3 Hatli

Area of specialization: Fisheries

2) Name:

Age:

Gender:

Address:

Area of specialization:

3) Name:

Age:

Gender:

Address:

Area of specialization:

4) Name:

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 : Jaswant Singh S/o Bhan Singh

Name and Address: Dharm Khoo

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.

Annexure 5**Details of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefits derived and the mode of their sharing**

1	2	3	4	5	6
S No	Name and address of the person/ institution/ company/ others	Local and Scientific Name of the biological material accessed and quantity	Date and resolution of the BMC and endorsement by the panchayat	Details of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
	Nil	Nil	Nil	Nil	Nil

End of Part II

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							
Rice	<i>Oryza sativa</i>	Dhan, Munji	PR-113	Suitable for Sub Tropical areas . Matures in 135 - 140 day approx.		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder		Suitable for Cultivation in Low land , Mid Hills Areas, Hot & Humid Climate	Agri. Deptt.	
	<i>Oryza sativa</i>	Dhan, Munji	IR-8	Plant Height 140-145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	
	<i>Oryza sativa</i>	Dhan, Munji	Jaya	Plant Height 140-145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	
	<i>Oryza sativa</i>	Dhan, Munji	Begumi	160-165 cm		Abundant	Rare	Tall in height , sweet in taste , High starch Content	June - Oct	Food Fodder	More Nutritive Value	Suitable of Plain & Mid Hills	Local	Pahari community
Wheat	<i>Triticum aestivum</i>	Kanak	HD-2967	150-155 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	

	<i>Triticum aestivum</i>	Kanak	Raj -3077	135-140 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Triticum aestivum</i>	Kanak	Raj-3765	125-130 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Triticum aestivum</i>	Kanak	Sonalika	150-155 cm		Abundant	Rare	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Maize	<i>Zea mays</i>	Makk, kukri, challi, Buhhta, jobawr	Ganga Safed -2	White grain Hyb. Suitable for Sub-tropical. Matures in 95-100 days		Abundant	Abundant	High yielding Variety	June- Oct	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	<i>Zea mays</i>	Makk, kukri, challi, Buhhta, jabawr	Vijay	Composite Maize Yellow grain variety High Yielding Variety suitable for Mid Hills		Abundant	Abundant	High yielding Variety	June- Oct	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Pulses (Mash)	<i>Vigna mungo</i>	Maa/ Mash	T-9	Matures in 85-90 days. Suitable for plain & Mid hills		Abundant	Abundant	High yielding Variety	June- Aug	Food	high Protein contents	Suitable of Plain & Mid Hills	Agri. Deptt.	

Format 2 : Fruit plants

1	2	3	4	5	6		7	8	9	10	11
Plant	Scientific name	Local name	variety	Landscape/ habitat	local status		source Seeds/ Plants	season of fruiting	Associated TK	Other details Market/ own use	Community/ Knowledge holder
					Past	present					
Ber	<i>Zizyphus mauritiana</i>	Ber	wild (unbudded)	agri. Land	abundant	available	seeds/plants	feb-april		own use	
Karonda	<i>Carissa carandas</i>	Garna	wild (unbudded)	agri. Land	rare	rare	seeds/plants	mar-august		own use	
Peach	<i>Prunis persica</i>	Aado	selection	agri. Land	rare	rare	seeds/plants	mar-june		own use	
Toot	<i>Morus indica</i>	Shahtoot	wild (unbudded)	agri. Land	abundant	available	plants	july-aug		own use	
Phagwari	<i>Fragarria nubicola</i>	Phagwoora	wild (unbudded)	agri. Land	abundant	rare	seeds/plants	april-june		own use	
Imli	<i>Tamarandus indica</i>	Imli	wild (unbudded)	agri. Land	rare	rare	seeds/plants	jan-april		own use	
Lasoda	<i>Cordia dichotoma</i>	Lasoda	wild (unbudded)	agri. Land	abundant	rare	seeds/plants	mar-june		own use	
Wild Khajoor	<i>Phoenix sylvestris</i>	wild khajoor	wild (unbudded)	agri. Land	abundant	rare	seeds/plants	oct-dec		own use	
Bael	<i>Aegle marmelos</i>	Bael	wild (unbudded)	agri. Land	rare	rare	seeds/plants	mar-june		own use	
Phalsa	<i>Grewia asiatica</i>	Phalsa	n/a	agri. Land	n/a	rare	plants	april-june		own use	
Jamun	<i>Syzygium cumini</i>	Jamun	Desi,unbudded	agri. Land	abundant	available	seeds	mar-july		own use	
Banana	<i>Musa paradisica</i>	kela	Desi,unbudded	agri. Land	available	rare	plants	july-aug		own use	
Mango	<i>Mangifera indica</i>	Aam	Desi,unbudded	agri. Land	available	abundant	seeds/plants	mar-july		Market	
Guava	<i>Psidium guajava</i>	Ambrud	Desi,unbudded	agri. Land	available	available	seeds/plants	aug,dec		Market	
Lemon	<i>Citrus aurantifolia</i>	Nimbu	Desi,unbudded	agri. Land	available	abundant	seeds/plants	nov-dec		Market	

Mousambi	<i>Citrus sinensis</i>	Mosambi	Desi,unbudded	agri. Land	available	available	seeds/plants	april,sept		Market	
Jackfruit	<i>Artocarpus heterophyllus</i>	Kathal	Desi,unbudded	agri. Land	rare	rare	seeds/plants	mar,aug,		own use	
Sweet lime	<i>Citrus limetoides</i>	Metha	Desi,unbudded	agri. Land	available	available	seeds/plants	april-may		own use	
pomegranate	<i>Punica granatum</i>	Anaar	Desi,unbudded	agri. Land	rare	rare	seeds/plants	feb-sept		own use	
Papaya	<i>Carica papaya</i>	Papita	Desi,unbudded	agri. Land	available	available	seeds/plants	all seasons		own use	
Mandarin	<i>Citrus reticulata</i>	Sangtra	Desi,unbudded	agri. Land	available	available	seeds/plants	april-sept		own use	
Grapes	<i>Vitis vinifera</i>	Angoor, daakh	Desi,unbudded	agri. Land	rare	rare	plants	june-sept		own use	
Anola	<i>Phyllanthus emblica</i>	Amla	Desi,unbudded	agri. Land	abundant	available	seeds/plants	oct-dec		Market	
Custard apple	<i>Annona reticulata</i>	sita phal	Desi,unbudded	agri. Land	rare	rare	plants	aug-nov.		own use	
Pear	<i>Pyrus communis</i>	Nakh	selection	agri. Land	rare	rare	plants	aug-nov.		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 Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Barseem	<i>Trifolium alexendrium</i>	barseem	sub tropical			pvt. & agricultural department		whole		
Bajra	<i>Pennisetum</i>	bajra	sub tropical			pvt. & agricultural dept		whole		
Maize	<i>Zea mays</i>	jowar	sub tropical			pvt. & agri. Deptt.		whole		
Millets	<i>Sorghum tricolour</i>	chara	sub tropical			pvt. & agri. Deptt.		whole		

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 Option	Associate TK	Other details	community / Knowledge Holder
						Past	Present					
shol		Shol	Paddy	Broad leaf and consumed the nutrients of the plants and reduces the production	floating on the water	Plenty	Plenty	Nil	Drying of paddy field as a result leafs dry	-	Hady and wider adoptability, multiply very fast	Pahari Community
Shama		Shama	Paddy	compete with nutritions, light and space with Paddy crop and reduces the production	Tall growing just like paddy	Plenty	Plenty	Nil	Use of weedicide	-	-	-
Bathua	<i>Chenopodium sp</i>	Baathu	Wheat	Broad leaf and consumed the nutrients of the plants and reduces the production	Germination in the field after 20 days	Plenty	Plenty	Nil	1.Use of weedicide		Hady and wider adoptability, multiply very fast	
Sitti	<i>Phalaris minor</i>	Sitti, Gehoon ka mama, Gulli Danda	Wheat	Compete with nutritions, light and space with wheat crop and reduces the production Narrow Leaf Weed	Grows with Wheat crop	Plenty	Plenty	Nil	1. Use of Weedicides metribuzinie @200Gms/ha dissolved in 500-600 l of water		Hady and wider adoptability, multiply very fast	

Dhoob	<i>Cynodon dactylon</i>	Dhoob	Maize	Weed emerg with the germination with Maize seed and grow along with plants till the early growth period and cause sever crop weed compitation.	Grows with Maize crop	Plenty	Plenty		1). 2-3 Weeding follwed by earthingup. 2). pre emergence appliation Atrazine @ 1-1.25 Kg / per ha of 50% WP		Losses caused by Weeds are more during early stage than in later stages.	
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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
2510	agri./govt employee	farming					SC	Normal		428
							ST			

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 Land	Not Applicable	Not Applicable	Cultivated Land	276 Ha (Approx)	Agricultural Lands are Privately Owned	Crop Plants	Snakes,Jackel,Fox ,Dogs Etc	Nil	Nil	Nil	Used for raising crops and Fodder for animals	Nil	Low-Income Community
Non-Cultivated	Not Applicable	Not Applicable	Non-Cultivated	184 Ha (Approx)	Govt./Private	Plants,Some wild Plants	Insects,Cows,Fox,Dogs etc	Nil	Nil	Nil	Used for rearing Cattles	Nil	Low-Income Community
Forest Land	Not Applicable	Not Applicable	Forest Land	700 Ha (Approx)	Government	Wild Plants	Wild animals and Insects	Nil	Nil	Nil	Used for Grazing Purposes	Nil	Low-Income Community

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
Nallas	Nil	Tributary of Khaad's	Panchayat and Govt.Deptt.	Wild and Aquatic Plants	Frog,Tadpoles,Toad,Crab,Fishes ,Water Snake etc	Irrigation	Farmers	Small Check Dams	For Irrigation, Sand and Gravel are used for Construction of Buildings etc	Nil	Nil	Local Villagers
Khaads	Nil	Originates from the foothills of Mountains	Govt. and Panchayat	Wild and Aquatic Plants	Frog,Tadpoles,Fishes,Water,Water Snakes,Crabs etc	Irrigation	Farmers	Check Dams	For Irrigation and Drinking of Domesticated animals and Wild Animals	Nil	Nil	Local Villagers

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	brown & porous	sandy & clay	leveling & ploughing	wheat, paddy			
loam				& maize	_____	nil	

DOMESTICATED BIODIVERSITY

Format 11: FRUIT TREES

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Scientific Name	Local 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						
Mango	<i>Mangifera indica</i>	Aam	dashehri, amarpali, malli ka	agri. Land	available	abundant	seeds/plants	mar-july			own use/Mkt	
Guava	<i>Psidium guajava</i>	Ambrud	L-49, allahbed safeda	agri. Land	available	available	seeds/plants	aug,dec			own use/Mkt	
Lemon	<i>Citrus aurantifolia</i>	Nimbu	kagzi, kumkath	agri. Land	available	abundant	seeds/plants	nov-dec			own use/Mkt	
Mousambi	<i>Citrus sinensis</i>	Mosambi	grafted	agri. Land	available	available	seeds/plants	april,sept			own use/Mkt	
Jackfruit	<i>Artocarpus heterophyllus</i>	Kathal	unbudded (Sel.)	agri. Land	rare	available	seeds/plants	mar,aug,			own use	
Sweet lime	<i>Citrus limetoides</i>	Metha	grafted	agri. Land	available	available	seeds/plants	april-may			own use/Mkt	
pomegranate	<i>Punica granatum</i>	Anaar	kandhari, ganesh	agri. Land	rare	available	seeds/plants	feb-sept			own use	
Papaya	<i>Carica papaya</i>	Papita	red lady, washington	agri. Land	available	available	seeds/plants	all seasons			own use/Mkt	
Mandarin	<i>Citrus reticulata</i>	Sangtra	grafted	agri. Land	available	available	seeds/plants	april-sept			own use/Mkt	
Grapes	<i>Vitis vinifera</i>	Angoor,	thomson seedless, prlette	agri. Land	rare	available	plants	june-sept			own use	
Anola	<i>Phyllanthus emblica</i>	Amla	NA-7, Banarasi	agri. Land	abundant	available	seeds/plants	oct-dec			own use/Mkt	

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	Community/ Know.
						Past	Present					
Trees	Amla	<i>Phyllanthus emblica</i>		low land valley	Seed	available	available	Medicinal and Edible use	Fruit	N.A	Own	Generally, held by community
herb	pyaz	<i>Allium cepa</i>	local	low land valley	cultivated	available	available	cooking etc	fruit			
herb	lahasun	<i>Allium sativum</i>	local	low land valley	cultivated	available	available	cooking etc	fruit			
herb	pudina	<i>Mentha Spp</i>	local	low land valley	cultivated	available	available	Medicinal and Edible use	leaves			
Plant Type	tulsi	<i>Ocimum Spp</i>	local	low land valley	cultivated	available	available	Medicinal and Edible use	leaves			

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
plant	tulsi	<i>Ocimum sanctum</i>	local	seeds	non commercial	ornamental			
plant	cactus	<i>Opuntia Spp</i>	wild	plant	non commercial	ornamental			

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					
safeda	safeda	<i>Eucalyptus</i>	forest	abundant	Abundant		Own Use			Generally, held by community
talli	talli	<i>Dalbergia sissoo</i>	forest	abundant	Abundant		Own Use			
aam	aam	<i>Mangifera indica</i>	forest	abundant	Abundant		Own Use			
tunu	tunu	<i>Toona ciliata</i>	forest	abundant	Abundant		Own Use			

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/ta lao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
warm water	catla	<i>Catla-catla</i>	IMC	elongated torpedo body	pond			farms	Highly nutritious fish	pvt. /govt. Farms	Highly nutritious fish	
watm water	mragg	<i>Cirrhinus mrigala</i>	IMC	elongated torpedo body	pond			farms	Highly nutritious fish	pvt. /govt. Farms	Highly nutritious fish	
warm& cold water	grass carp	<i>Ctenopharyngon idella</i>	Exotic	elongated torpedo body	pond			farms	Highly nutritious fish	pvt. /govt. Farms	Highly nutritious fish	
warm and cold water	silver carp	<i>Hypopatha molitrix</i>	Exotic	deep body silvery in colour	pond			farms	Highly nutritious fish	pvt. /govt. Farms	Highly nutritious fish	
warm & cold water	common carp	<i>Cyprinus carpio</i>	Exotic	deep compressed body	pond			farms	Highly nutritious fish	pvt. /govt. Farms	Highly nutritious fish	

WILD BIODIVERSITY

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 Tradintional Knowledge	Other details	Community Knowledge Holder
					Past	Present					
Trees	Aqli	<i>Phyllanthus emblica</i>	Trees	sub tropical	available	available	own use	fruit	NA	NA	Generally held by Community
Trees	Jamun	<i>Syzygium cumini</i>	Trees	sub tropical	available	available	own use	fruit / wood			
Trees	talli	<i>Dalbergia sisso</i>	Trees	sub tropical	available	available	own use	wood			
ood	plah	<i>Butea monosperma</i>	Trees	sub tropical	available	available	ow	leaves and wood			
Trees	kral	<i>Bauhinia variegata</i>	Trees	sub tropical	available	available	own use	leaves and wood			
tree	amb	<i>Mangifera indica</i>	Trees	sub tropical	available	available	own use	wood & fruit			
tree	plakh	<i>Ficus virens</i>	Trees	sub tropical	available	available	own	leaves and wood			
tree	lasuda	<i>Cordia myxa</i>	Trees	sub tropical	available	available	own use	fruit and wood			
tree	khair	<i>Saccharum bengalense</i>	Trees	sub tropical	available	available	own use	leaves and wood			
shrub	branked	<i>Justicla adhatoda</i>	shrub	sub tropical	available	available	own	leaves and root			

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	safeda	<i>Eucalyptus</i>	wild	social /economical	abundant
2	drehnk	<i>Melia azedirachta</i>	wild	social /economical	Abundant
3	talli	<i>Dalbergia sissoo</i>	wild	social /economical	Abundant
4	neem	<i>Azadirachta indica</i>	wild	social /economical	Abundant
5	bhang	<i>Cannadis sativa</i>	wild	social /economical	Abundant
6	Aaam	<i>Mangifera indica</i>	wild	social /economical	abundant
7	toot	<i>Marus alba</i>	wild	social /economical	Abundant

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends

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					
tree	neem	<i>Azadirachta indica</i>	wild	sub tropical	available	available					
tree	amla	<i>Phyllanthus emblica</i>	wild	sub tropical	available	available					
tree	jamun	<i>Syzygium cumini</i>	wild	sub tropical	available	available					
tree	arjun	<i>Terminalia arjuna</i>	wild	sub tropical	available	available					
shurb	bhang	<i>Cannabis sativa</i>	wild	sub tropical	available	available					
tree	kikkar	<i>Acacia nilotica</i>	wild	sub tropical	available	available					
tree	toot	<i>Marus alba</i>	wild	sub tropical	available	available					
herb	giloe	<i>Tinospora cordifolia</i>	wild	sub tropical	available	available					

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
Jungli putna	<i>Mentha arvensis</i>	Putna	Along the Nalla's	Abundance	Medicinal use	Leaf	Medicinal Properties		Generally, held by community
chaleri saag	<i>Amaranthus viridis</i>		sub tropical	Abundance	Medicinal use	Leaf	Medicinal Properties		Generally, held by community

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
plah	<i>Butea monosperma</i>	wild	forest/road side	non commercial			
simbal	<i>Bombax cieba</i>	wild	forest/road side	non commercial			

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
tree	amla	<i>Phyllanthus emblica</i>	wild	forest/local	available	economic/ local	fruit			
shrub	giloe	<i>Tinospora cordifolia</i>	wild	forest/local	available	economic/ local	stem			

Format 26: Timber Plants

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
safeda	<i>Eucalyptus</i>	<i>forest</i>	Abundant	abundant	Own Use			
talli	<i>Dalbergia sissoo</i>	<i>forest</i>	Abundant	abundant	Own Use			
aam	Mangifrea indica	forest	Abundant	abundant	Own Use			
tunu	<i>Toona ciliata</i>	forest	Abundant	abundant	own Use			

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)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present					
Birds	Jungle Crow	<i>Corvus marcorhynchos</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	House Crow	<i>Corvus splendens</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Cobra/Naag	<i>Naja naja</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Krait/Sanjuth	<i>Zamenies mucosus</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
mammals	squirils	<i>Sciuridae</i>	forest	-	-	-	-	-	-	-	-	
Reptiles	Himalayan Pit Viper	<i>Viper rusellii</i>	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Ambhibian	Mendak/meenk	<i>rana tigrina</i>	Pond/Land	Rainy Season	-	-	-	-	-	-	-	Generally, held by community
Ambhibian	Toad/Dadu	<i>Buff melanostictus</i>	Pond/Land	Rainy Season	-	-	-	-	-	-	-	Generally, held by community

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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.)

Format 31: Any other information of local importance		
1	2	3
Sr. No.	Information of local importance	Remarks
Nil	Nil	Nil

End of Part II