

## Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: NAROLE

Taluk/Tehsil: Mendhar

District:Poonch

State/UT: Jammu And Kashmir

Geographical Area of the pancahayt Samiti:

Population Of the Panchayat samiti... Total 3200

Male= 1800                      Female = 1400

Habitat and Topography: Slopy & Hilly

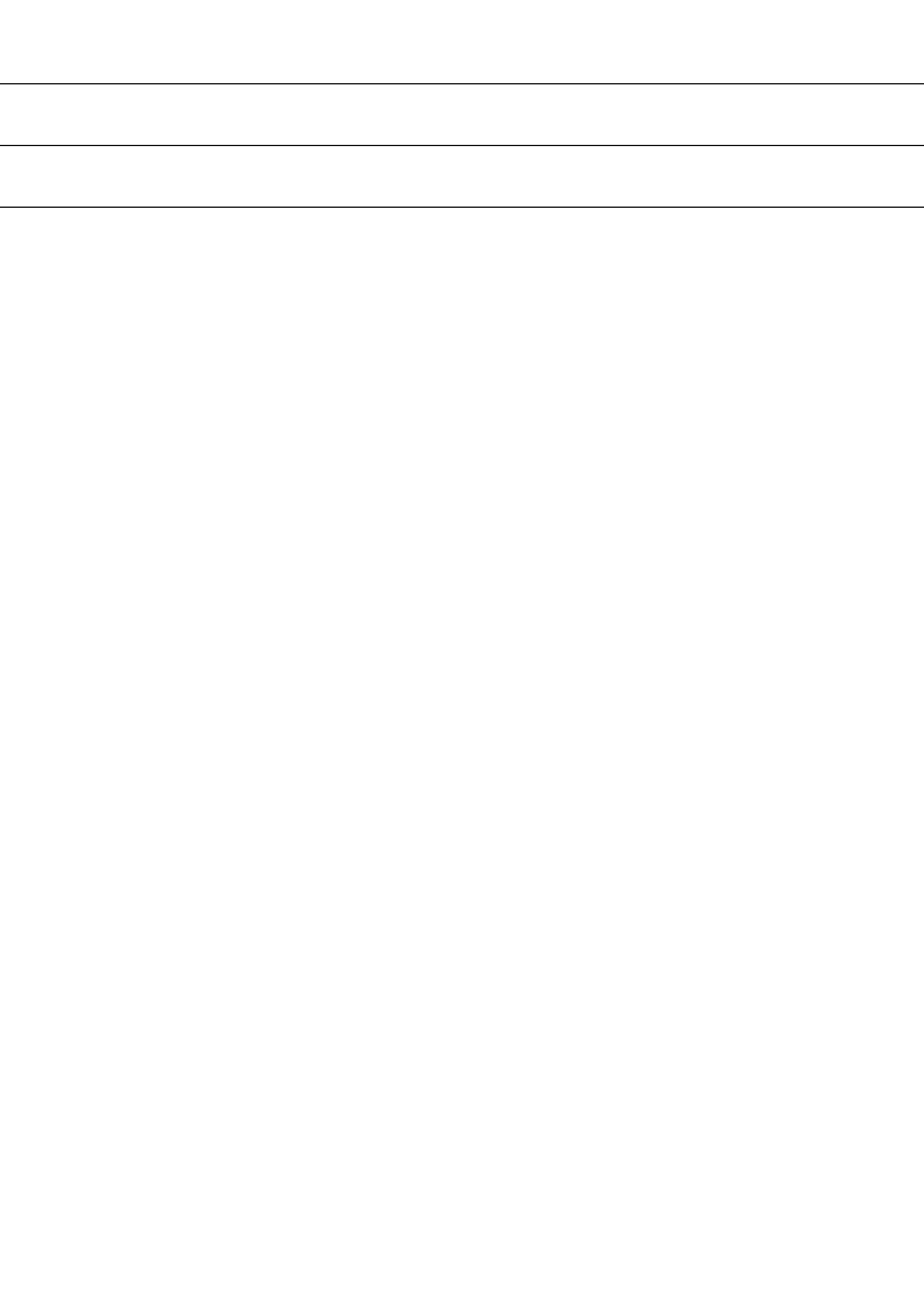
Climate (Rainfall, Temperature and other weather patterns): Moderate rainfall , Snow Fall

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

Date, Month and Year of PBR preparation: 28-08-2021



hatral



**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 : janat bee

Age: 70 years

Gender: female

Address: Narole

Area of specialization: Agriculture & Forestry

2) Name : Mohd. Zahoor Khan

Age: 65 years

Gender: Male

Address: Narole

Area of specialization: Agriculture

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:

**You 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**

<b>S.no</b>	<b>Name and address of the Person/Institute/company others</b>	<b>Local and Scientific Name of the biological material Accessed and quantity</b>	<b>Date and resolution of the BMC and endorsement by the Panchayat</b>	<b>Detail of collection fee imposed</b>	<b>Anticipated mode of sharing benefits or quantum of benefits shared</b>





**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	Local	Wet land	Rare	Rare	Nurseries	July- Aug		Fruits	Own Use	
Pear	<i>Pyrus Spp.</i>	Nashpati/nakh	Local	Dry land	Common	Common	Nurseries	July- Aug		Fruits		
Wall nut	<i>Juglans regia</i>	Akhrot	Kagzi	Dry land	Common	Common	Nurseries	July- Aug		Dry Fruits		
Apricot	<i>Prunus armeniaca</i>	Khubani	Local	Dry land	Common	Common	Nurseries	May-June		Fruits		

**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					
Sorghum	<i>Sorghum spp</i>	Cherry/ Bajra		Rare	Common	Agri. Deptt	Sources of Energy	Whole plant		Farmers
		Ghass				Agri. Deptt		Whole plant		Farmers
	<i>Trifolium alexandrinum</i>	Shatal		Common	Common	Agri. Deptt		Whole plant		Farmers
Garlic	Allium Sativum	Thoom	Sub-tropical to Intermediate	Common	Common	Locally raised	Medical value	Whole plant	Suitable for fodder	Farmers

**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					
Plant	<i>Cannabis sativa</i>	Bhang	Every crop	Allelopathy effects	Sub-Tropical	Common	Common	Used as dry	Chemical control	Religious purpose	Making Charas (intoxicating drug)	
	Avena Spp.	Jungli Jari	Wheat/ Maize	Allelopathy effects	Sub-Tropical	Common	Common		Chemical/Manual control			
	<i>Cyprus rotundus</i>	Dhila	Paddy/ maize		Sub-Tropical				Hand weeding & chemical control	do	Local	

**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, Stem borer	Bathua	<i>Chenopodium sp</i>	Bathua		June to July	Chemical control		fodder	biological/ chemical
Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali Pundi			Chemical control	-	Feed on crop leaves	Farmers
Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida			Chemical control	-	Feed on crop leaves	Farmers





**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	User	Management practices	General uses	Associated TK	Other	Community accessed
Agricultural land	Pond	Fallow Land					fauna	groups				details	
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	Associate 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 & Rice	Kiker , Besa, Mannu, Snake, Lizard, Jackals	-	-



**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	Anardana	Punica granatum			Seed	Rare	Rare	Edible	Fruit	N.A	N.A	Generally, held by community
Shrubs	Bhang	Canabis sativia			Seed	Abundant	Abundant	Medicinal Use	Leaves	N.A	N.A	Generally, held by community
Shrubs	Sap mak	Arisaema Tortulosum			-	Rare	Common	Medicinal Use	Whole part			
Tree	Besa	Salix Alba			-	Common	Common	Medicinal Use	Leaves			
Herb	Drub/Khabbal	Cyanodon dactylon			-	Common	Common	Medicinal Use	Whole part			
Herb	Mithu grass	<i>Lathyrus sativus</i>			-	Common	Common	Medicinal Use	Whole part & roots			
Tree	Tooth	<i>Morus alba</i>			-	Common	Common	Medicinal Use	Fruit			
Shrubs	Simlu	<i>Berberis lyceum</i>			-	Common	Common	Medicinal Use	Bark , fruits			
Tree	Kankeri	<i>Elaeagnus parvifolla Wallich ex Royle</i>			-	Common	Common	Medicinal Use	Fruit			
Herb	Cho	<i>Nasturtium officinale</i>			-	Common	Common	Medicinal Use	Leaves			

Herb	Mand	<i>Rumex nepalensis</i>			-	Common	Common	Medicinal Use	Leaves			
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**Format-14 Timber Plants/Trees**

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

**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					
Mammals	Manj	Bubalus bubalis	Local	Flatted Long horn	Shed	Rare	Common	Mutton, Milk				
Mammals	Gaiya	Bos Taurus	Local	-	Cow Shed	Rare	Common	Milk				
Mammals	Bakari	<i>Capra Aegagrus</i>	Local	Medium size Long tail	Conventional	Rare	Common	Mutton, Milk				







**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	Fagwara	<i>Ficus palmata</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	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
Trees	Tooth	<i>Morus alba</i>	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community
Shurbs	Trimuru	<i>Zantho Xylum Aurmatum</i>	Shurbs	Sub-Tropical	Rare	Rare	own	Fruit	nil	nil	Generally, held by community

Shurbs	brankad	Adha toda vesica	Shurbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community
Shurbs	Akk	Ipomea fistulosa	Shurbs	Sub-Tropical	Abundant	Abundant	own		nil	nil	Generally, held by community
Shurbs	Thor/Shuu	Euphorbia royleana	Shurbs	Sub-Tropical	Rare	Rare	own	Stem	nil	nil	Generally, held by community
Shurbs	Bhang	Canabis sativia	Shurbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Jungli putna	Mentha arvensis	Herbs	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Herbs	Banfsha	Viola odorata	Herbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community
Grass	Drub/Khabbal	Cyanodon dactylon	Grass	Sub-Tropical	Abundant	Abundant	own	Leaves	nil	nil	Generally, held by community
Grass	Kai/Kaana	Saccharum spontaneum	Grass	Sub-Tropical			own	Stem	nil	nil	Generally, held by community
							own	Leaves/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	Akhroot	<i>Juglans regia</i>	Wild	Economic, social	
2	Bhang	<i>Cannabis sativa</i>	Wild	Economic, social	
3	Wild anaar	<i>Punica granatum</i>	Wild	Economic, 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 Detail	Community/ knowledge Holders
					Past	Present				
Luss	Schizothorax spp.		elongated subcylindrical body with short blunt upper jaw , herbivorous		Rare	Common				
Sona Machhli	Barillius sp.	Local	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**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Sl. No.</b>	<b>Local Name</b>	<b>Scientific Name</b>	<b>Variety</b>	<b>Importance</b>	<b>Trends</b>
	Phulwari	Rosa acicularis	Local		Common
	Simlu	<i>Berberis lyceum</i>	Local		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					
Shrub	Simlu	Berberis lyceum						It is an excellent tonic for combating ability after malarial & other fevers & diseases	Fruit, roots		
Herb	Banafsha	Viola						Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower		





**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
Gandera	Nerium oleander			Near the nalla's & Khyals	Non-Commercial	N.A	N.A

**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	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	Scientific Name	Habitat	Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present				
Chir	<i>Pinus roxburghii</i>		Rare	Rare	Roofing, furniture etc.	Whole for different uses		
Rein	<i>Quercus incana</i>		Moderate	Moderate	Roofing, furniture etc.	Whole for different uses		





**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					
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	Simlu	<i>Berberis lyceum</i>	Tree	Sub-tropical	Apr-May	Common
2	Safeda	<i>Eucalyptus spp.</i>	Tree	Sub-tropical	Apr-May	Common
3	Ber	<i>Ziziphus Jujuba</i>	Tree	Sub-tropical	Apr-May	Rare
4	Kiker	<i>Acacia nilotica</i>	Tree	Sub-tropical	Apr-May	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.)
	Gidhar	<i>Canisaureus</i>	Mammals	Forest	Common
	Cova	<i>Corvov splendens</i>	Birds	Forest	Common
	Shehed ki makhi	<i>Apis sp.</i>	Insect	Forest	Common
	Chipkali	<i>Lacertila</i>	Reptiles	Forest	Common

**Format 31: Any other information of local importance**

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