

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti:-Dandesar

Taluk / Block:- Lambri

District: Rajouri

State: Jammu And Kashmir UT

Geographical Area of the Panchayat Samiti: 940.5 HA

Population under the Panchayat Samiti: Total 2211

Male:1122

Female: 1089

Total: 2211

Habitat and Topography: Hilly & Plain

Climate (Rainfall, Temperature and weather patterns) : Tropical/ Sub Tropical

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation 2020-21 18 oct 2020

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: Suraj Parkash

Age: 57 Yrs

Gender:Male

Address: Dandesar

Area of specialization: Sarpanch

2) Name: Pawan Kumar

Age: 37 Yrs

Gender: Male

Address: Dandesar

Area of specialization: Member

3)Name: Gulshan Sharma

Age: 60 Yrs

Gender: Female

Address: Dandesar

Area of specialization: Member

4)Name:

Age:

Gender:

Address:

Area of specialization:

5)Name: Nasreen Akhter

Age: 35 Yrs

Gender: Female

Address: Dandesar

Area of specialization: Member

6)Name: Asha Rani

Age:

Gender: Female

Address: Dandesar

Area of specialization: Member

7)Name: Mahaveer Singh
Age: 29 Yrs
Gender: Male
Address: Dandesar
Area of specialization: Member
8)Name: Mod.Iqbal
Age: 28 Yrs
Gender: Male
Address: Dandesar
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 : N/A

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: N/A

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: N/A

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 of the Chairperson: Mohd. Hanif

Age: 52 Yrs

Gender: Male

Address: Dandesar

Area of specialization: Agriculture

2) Name of the Chairperson: Daulat Ram Sharma

Age: 65 Yrs

Gender: Male

Address: Dandesar

Area of specialization: Agriculture

3) Name of the Chairperson: Ram Lal Sharma

Age: 62 yrs

Gender: Male

Address: Dandesar

Area of specialization: Forest (Retd.)

4) Name of the Chairperson: N/A

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: 9906350233

Name and Address: Rajesh Kumar (Govt. Middle School Dandesar) r/o Dandesar

2) Contact Person: 9796243414

Name and Address: Kuldeep Sharma r/o Jammu Agriculture Department

3) Contact Person: 9906166441

Name and Address: Ajay Lemar (Pharmacist) Health Department

4) Contact Person: 9419624763

Name and Address: Mohd Azam AEE (Dangri) Rajouri

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

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
	N/A	N/A	N/A	N/A	N/A

End of Part I

Format : 01 Crop Plants

1	2	3	4	5	6	7	8		9	10	11	12	13	14	15
S.No	Crop	Scientific Name	Local Name	Variety	Land Scape / Habitat	Approx area sown	Local Status		Special feature	Cropping season	Uses	Associated TK	Other details	Source of Seeds/ Plants	Community/ Knowledge Holder
							Past	Present							
1	Rice	<i>Oryza sativa</i>	Dhan	K-39,K-343, G-14	Hilly terrain		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food			
2	Maize	<i>Zia mays</i>	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food			
3	Wheat	<i>Triticum aestivum</i>	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food			
4	Mustard	<i>Brassica juncea</i>	Sarson	Pusa bold, Gobi Sarson	Cool & dry		Normal	Normal	Matures in 145-150 days with 40-42 % oil content	Rabi	Source of energy	vegetable Oil extracted from seeds used in cooking			

5	Chick Pea	<i>Cicer arietinum</i>	Chana	C-235, Gaurav, GNG-469	Sub tropical		Rare	Normal	Medium Yielding	Kharif (May to October)	Source of Protein/Ener gy	Prefered Food for parties as well as Domestic Consumption			
6	Black Gram	<i>Vigna mungo</i>	Mash	PU-19,UTTRA	Sub tropical		Plenty	Plenty	Rich source of Protein						

Vegetables

a	Okra	<i>Avenmoschus esculentus</i>	Bhindi	Arka Anamika, Versha Uphar, PS, PK,	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg			
b	Brinjal	<i>Solanum melongena</i>	Bangun	PPL,PPC, PH4, BR112	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg			
c	Brottle Gourd	<i>Legenaria siceraria</i>	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate		Normal	Normal	Green Veg	Rabi	Swollen stem and leaves are consumed as vegetable	Source of minerals & energy			
d	Cauliflower	<i>Brassica oleraceae var.botrytis</i>	Ful gobi	Pusa Snow Ball, Pusa Katki, Girja	Sub tropical & intermediate		Normal	Normal	-	Rabi	Curd used as vegetable	Also good source of protein,carbo hydrate, phasphorus & iron			
e	Cabbage	<i>Brassica oleraceae var.capitata</i>	Band gobi	Golden Acre, Pride of India, Green Flesh	Sub tropical & intermediate		Normal	Normal	Round head green colour	Rabi	Head used as vegetable, salad	Also good source of protein,carbo hydrate,phasphorus& iron			
f	Tomato	<i>Solanum lycopersicum</i>	Tamater	Pusa Rubi,Pusa Early Dwarf, Manisha Plus/ local	Sub tropical & intermediate		Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.			

g	Onion	<i>Allium cepa</i>	Pyaj	Pusa Red, Nasik Red, N-53, Liberty	Cool weather at vegetative stage followed by warm weather at Bulb Stage		Normal	Normal	-	Rabi	Vegetable & Salad use	Good source of dietary fiber, Vitamin B6, C, Potassium and folic acid.			
h	Potato	<i>Solanum tuberosum</i>	Aaloo	Kufri Sindhuri, Kufri Badsha, Kufri Jyoti	Potato is an herbaceous annual, requires cool weather, mostly rainfed conditions		Normal	Normal	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes	Under ground tubers are used as vegetable, chips etc	-	High carbohydrate, provide high energy value			
i	Peas	<i>Pisum sativum</i>	Matar	Bonneville, Arkel, local var.	Grows under cool conditions, Sub tropical/ Temperate		Normal	Normal	Medium dwarf plant with green well filled pods	Green pods are used as vegetable	-	high in fiber, protein, vitamins, phosphorus, magnesium, copper,			

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 Seed /Plants	Season of Fruiting	Associated TK	Uses	Other details market/Own use	Communicate/ Knowledge holder
					Past	Present						
Mango	<i>Mangifera indica</i>	Aam	Desi, Dusheri, Malda	Subtropical	Plenty	Plenty	Nurseries	June-August		Fruit, Pickling, Preserves	Marketing, own use	
Citrus fruits	<i>Citrus spp.</i>	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	Subtropical, mid hills	Plenty	Plenty	Nurseries	through out year		Fruit, Pickling, Squashes etc.	Marketing, own use	
Guava	<i>Psidium guajava</i>	Amrood	Local, L-49, Allahabadi Safeda etc.	Subtropical	Plenty	Plenty	Nurseries	July-August		Fruit	Marketing, own use	
Grapes	<i>Vitis vinifera michx.</i>	Angoor	Local Dakh, Perlette,	Subtropical, Mid d hills	Rare	Rare	Nurseries	July-August		Fruit		
Aonla	<i>Emblica officinalis syn. phyllanthus emblica</i>	Ambla	Local selection, NA-7	Subtropical	Plenty	Plenty	Nurseries, local collection	Nov-Dec		Pickling, Preserves, Juices etc.	Marketing, own use	
Ber	<i>Zizyphus mauritaniana lamk.</i>	Ber	gola, Banarasi	Subtropical	Plenty	Rare	local raised	July-August		Fruit	Own use	
Pomegranate	<i>Punica granatum</i>	Anar, Druni	Ganesh, Kandhari, Local	Subtropical, mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August		Fruit, anardana	Own use	

FORMAT-3 Fodder Crops/ Species

1	2	3	4	5	6		7	8	9	10	11
S.No	Plant	Scientific Name	Local Name	Land Scape/ Habitat	Local Status		Source of plants/ seeds	Associated TK	Part Used	Other details	Community/ Knowledge holder
					Past	Present					
1	Oats	<i>Avena sativa</i>	Javi	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder,	Whole plant	Suitable for fodder	Farmers
2	Sorghum	<i>Sorghum spp</i>	Charry/ Jawar	Sub Tropical / Intermediate	Rare	Plenty	Agri Dept /Local	Source of energy	Whole plant	Suitable for fodder	Farmers
3	Barseem	<i>Trifolium alexandrinum</i>	Shatala	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
4	Chilli	<i>Capsicum annum</i>	Mirch	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Village Head	Dry fruit	Contains good ammount of vitamin A&C	Farmers
6	Garlic	<i>Allium Sativum</i>	Thom	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Medicinal value	Clove	Spice use	Farmers

FORMAT-4 : WEEDS

1	2	3	4	5	6	7	8		9	10	11	12	13
S.No	Plant	Scientific Name	Local Name	Affected Crop	Impact	Land Scape / Habitat	Local Status		Uses if Any	Management Options	Associated TK	Other details like exotic	Community / Knowledge holder
							Past	Present					
1	Guli Danda	<i>Philaris minor</i>	Sitti	Wheat	Compete with crop	Sub Tropical/ intermediate	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local	
2	Parathenium	<i>Parthenium hysterophorus</i>	Congress grass	All crops	Allelopathy effect, reduce yield	Sub Tropical/ intermediate	Rare	Plenty	Nil	Chemical / Manual Control	Abnoxious weed difficult to manage	Exotic	
3	Bathua	<i>Chinopodium album</i>	Bathua	Wheat, Vegetables	Compete with main crops for space and nutrients	Sub Tropical/ intermediate	Plenty	Plenty	Leavy vegetable	Chemical Control	Rich Source of protein, Vit. A, Calcium , Phosporous & potash	Used as green vegetable	
4	Wild Oats	<i>Avena spp</i>	Jungli Javi	Wheat	Compete with main crops for space and nutrients	Sub Tropical/ intermediate	Plenty	Plenty	Green Fodder for animal	Chemical / Manual Control	Source for High quality protein	Local	
5	Bhang	<i>Cannabis sativa</i>	Bhang	Maize, Wheat, Vegetables	Allelopathy effect, Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	psychoactive effects	Chemical / Manual Control	intoxicating causes dehydration, nausea and headache	Local	
6	Barnyard grass	<i>Achinocloa crusgalli</i>	Swanki	Rice/Maize	Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Fodder & Animals	Chemical / Manual Control	Nil	Local	
7	Nut Grass	<i>Cyprus rotundus</i>	Dilla/Motha	Paddy,maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	

FORMAT 5: PESTS OF CROPS

1	2	3	4	5	6	7	8	9	10	11
S.No	Host	Insect/ Animal	Scientific Name	Local Name	Habitat	Time/ Season of Attack	Management mechanism	Associated TK	Other details	Community Knowledge Holder
1	Rice	Rice Hispa	<i>Dicladispa armigera</i>	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
2	Rice	Stem Borer	<i>Scirepophaga incertulas</i>	Dhain ka Kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
3	Maize	Blister Beetle	<i>Mylabris phalerata</i>	Bhundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
4	Maize	Cut Worm	<i>Agrotis spp</i>	Makki da kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
5	Maize	Maize stem Borer	<i>Chilo partellus</i>	Sundi	Chewing & biting		Mechanical & Chemical measures	-	Causes dead hearts in young plants	Farmers
6	Maize/Wheat	Termite	<i>Odontotermes obesus</i>	Sink	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers

7	Brijal/ Tomato	Fruit Borer	<i>Helicoverpa armigera</i>	Sundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
8	Wheat, Maize, Rice	Rat	<i>Tatera indica</i>	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
9	Miaze, Potato	Porcupine	<i>Erethizon dorsatum</i>	Seh	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
10	Maize,Wheat, Fruits, vegetable	Monkey	<i>Macaca mulatta</i>	Bander	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed on Fruits and green vegetables, cobs	Farmers
11	Mustard	Aphid	<i>Lipaphis erysimi</i>	Aphid/ Tella	Sub Troopical /Intermediate	Dec-March	Chemical control	-	Nil	Farmers

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
Hindu (2159 Population)	484	Animal Husbandary	Agriculture Landscape	Agricultural resources of different nature	Plantation Construction of Roads Check Mam etc.	Seasonal Practices	SC, ST, OT	Normal	Permanent	484
Muslim (295 Population)	Farming labour								Migration due to breeding occupation	

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	Feature s and approx. area	Ownershi p	General flora	General fauna	User groups	Manageme nt practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Agricultural Land				Open Land	Govt./ Private	Wheat	Monkey	Locals	Crop Rotation				Local People
						Maize	Pigeon						
						Bajra	Sparrow						

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
Mahanlar Tawi	Nil	1 Km/Sq	Govt	Alage	Amphibians	Irrigation	Locals		Irrigation and Drinking			Locals
				water hydracinth	Snail	cattle drinking						
				Kamila	Cub							
					Snake							
					Leech							
Tubewell	Nil	0.5 Kanals	Govt	Alage	Amphibians	Drinking purposes	Locals		Irrigation and Drinking			Locals
				water hydracinth	Snail							
				Kamila	Cub							
					Snake							
					Leech							
Nallah	Nil	1 m wide	Private	Alage	Amphibians	Irrigation	Locals		Irrigation and Drinking			Locals
				water hydracinth	Snail							
				Kamila	Cub							
					Snake							
					Leech							

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 soil	Red	Water holdig capacity		Wheat, Maize crops, Amla , Barley	Sissio, Bhang, Khair, Morus alba, Monkey, Eathworm		
Sandy Soil	Light grey colour course texture	High Porous		All herbicious plants	Flora : Sissio, Maize, Khair, Kamila , Draink, Magnifera indica		
		Low nutrients		Angriosperms like Amla, Wheat, Maize, Khair, Sisso	Fauna: Monkey, Jackal, Pig etc		
		Poor water holding Capacity		Gymnosperms like Pinus roxburghii			

Format 11: Fruit Trees

1	2	3	4	5	6		7	8	9	10	11	12
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						
Mango	Aam	<i>Magnifera indica</i>	Desi, Malta	Sub-Tropical	Abundant	Rare	Nurseries, Naturally from Plant	June-August	Fruit pickling		Marketing/ Own	
Guava	Amrood	<i>Psidium guajava</i>	Local Allahabad	Sub-Tropical	Plenty	Plenty	Nurseries, Naturally from Plant	July-August	Fruit		Marketing/ Own	
Pear	Nakh	<i>Pyrus spp.</i>	Desi	Mid Hill	Rare	Rare	Nurseries, Naturally from Plant	August- September	Fruit		Own use	
Jamun	Jamnu	<i>Syzygium cummini</i>	Local	Mid Hill	Rare	Rare	Nurseries	June-August	Fruit		Marketing/ Own	
Amla	Amla	<i>Emblica officinalis</i>	Local	Hill Area, Sub Tropical	Abundant	Rare	Nurseries	November- December	Fruit pickling		Marketing/ Own (Pickling)	

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					
Tree	Khair	<i>Acacia catechu</i>		Wild & Agriculture	Seeds	Abundant	Rare	Medical Purpsoe	Heart wood		Market use	
Tree	Amla	<i>Emblica officinalis</i>		Wild & Agriculture	Seeds, Njursery	Plenty	Plenty	Medical Purpsoe	Fruit		Market use/ Own use	
Herbs	Pudina	<i>Mentha spp.</i>		Wild & Agriculture	Seeds	Plenty	Plenty	Medical Purpsoe	Leaf		Market use/ Own use	
Shrubs	Timbru	<i>Zanthoxylum armatum</i>		Agriculture	Seeds	Plenty	Plenty	Medical Purpsoe			Market use/ Own use	
Shrubs	Bana	<i>Vetex nigundo</i>		Wild	Seeds	Plenty	Plenty	Medical Purpsoe			Market use/ Own use	

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
Tree	Ashoka tree	<i>Saraca asoca</i>		Nurseries / Seed	Ornamental	-	-	-	-
Tree	Red Bottle brush	<i>Callistemon citrinus</i>		Nurseries / Seed	Ornamental	-	-	-	-
Shrubs	Rose	<i>Rosa indicus</i>		Seed/ Cutting/ Nursery	Ornamental	-	-	-	-
Shrubs	Bougan villea	<i>Bouganvillea glabra</i>		Nursery	Ornamental	-	-	-	-
Herbs	Sunflower	<i>Helianthus annuus L.</i>		Seed	Ornamental	-	-	-	-
Herbs	Tulsi	<i>Ocimum Sanctum</i>		Seed	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					
Tree	Talli	<i>Dalbergia sissoo</i>	Sub-Tropical	Plenty	Rare	Wild	Timber		Used for Furniture	Local
Tree	Draink	<i>Melia azaderach</i>	Sub-Tropical	Plenty	Rare	Wild	Timber		Used for Furniture	Local
Tree	Chir	<i>Pinus roxburghii</i>	Sub-Tropical	Plenty	Rare	Wild	Timber		Used for Furniture	Local
Tree	Toona	<i>Toona ciliata</i>	Sub-Tropical	Plenty	Rare	Wild	Timber		Used for Furniture	Local
Tree	Simble	<i>Bombax cieba</i>	Sub-Tropical	Plenty	Rare	Wild	Timber		Used for Furniture	Local

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	Cow	<i>Bos tarus</i>	Desi, Jarsi, Frozen			Plenty	Plenty	For Milk				Local People
Mammals	Buffalo	<i>Bubalus</i>	Local			Plenty	Plenty	For Milk				Local People
Mammals	Goat	<i>Capra aegagrus hircus</i>	Local (Phari)			Plenty	Plenty	Meat and Milk				Local People
Mammals	Sheep	<i>Ovis aries</i>	Local (Phari)			Plenty	Plenty	Meat				Local People
Mammals	Ox	<i>Bos tarus</i>	Local, Desi			Plenty	Rare	Agricultural field				Local People

Uses include milk, meat, skin, fur and etc

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					

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
S. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Chir	<i>Pinus roxburghii</i>	Wild	Furniture, resin , Medicinal	Present
2	Safeda	<i>Eucalyptus globulus</i>	Wild	Furniture	Present
3	Talli	<i>Dalbergia sissoo</i>	Wild	Furniture	Present
4	Amla	<i>Emblica officinalis</i>	Wild	Medicinal Value	
5	Peepal	<i>Ficus relegosia</i>	Wild	Religious	Present
6	Simbal	<i>Bombax cieba</i>	Wild	Social and Economic	Available
7	Bhang	<i>Cannabis sativa</i>	Wild	Medicinal Value	Available
8	Rumble	<i>Ficus racemosa</i>	Wild	Medicinal Value	Available
9	Khair	<i>Acacia catechu</i>	Wild	Medicinal Value	Available
10	Dhaman	<i>Grewia optiva</i>	Wild	Medicinal Value	Available

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/Know. Holder
					Past	Present				
Fish	<i>Ikthyal</i>	-	-		Plenty	Rare	Catable			
Frog	<i>Buforidose</i>	Wild	Small frog		Abundant	Plenty	Nil	Unknown	Unknown	Self observed
Snake	<i>Serpartes</i>						Nil			
Aak	<i>Ipomoea carnea</i>	Wild	Small Plant	Along the pond side	Plenty	Plenty	Soil burden species	Unknown	Unknown	Self observed
Water lilly	<i>Nymphaeaceae</i>	Indigenous flora	Aquatic Plants	Streams	Rare	Rare	Not Known	Unknown	Unknown	Self observed

Other details may include mode of catching fish, time of availability, breeding time, etc

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	Karantal	<i>Cassia fistula</i>		Sub-Tropical	Abundant	Abundant		Medicinal Use	Fruit	Use as fodder for animals	Local people
Tree	Amla	<i>Emblica officinalis</i>		Sub-Tropical	Abundant	Abundant			Fruit		Local people
Shrubs	Santha	<i>Dodonaea viscosa</i>		Sub-Tropical	Abundant	Abundant			Fruit		Local people
Herb	Tulsi	<i>Ocimum tenuiflorum</i>		Sub-Tropical	Abundant	Abundant			Leaf, roots		Local people

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 Crop

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated Crop	Landscape/ Habitat	Local status		Associated TK	Uses (Usage)	Part used	Other Details	community/ knowledge Holder
				Past	Present					
Jungly Methi	<i>Sida acuta</i>	-	Sub - Tropical	Plenty	Plenty	-	M edicinal Value	Leaves	Nil	Local People
Ber	<i>Ziziphus jujuba</i>	Zipus monritiana	Wild				Edible Fruit	Fruit	Nil	Local People
Kainthi	<i>Pyrus pyrifolia</i>	Pyrus commuris					Edible Fruit	Fruit	Nil	Local People
Aam	<i>Magnifera indica</i>	Magnifera indica					Edible Fruit	Fruit	Nil	Local People

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 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		Associated TK	Uses (Usage)	Part used	Other Details (Mode of use)	Community/ knowledge Holder
					Past	Present					
Shrubs	Timbroo	<i>Zanthoxylum armatum</i>		Wild or Agriculture	Plenty	Plenty		Medicine	Fruit		
Shrubs	Ganore	-	-	Forest	-	-	-	-	-		
Herb	Pudina	<i>Mentha spp.</i>		Wild/ Agriculture	Plenty	Plenty		-	Leaf		
Herb	Dania	<i>Exyoraium volgare</i>		Wild/ Agriculture	Plenty	Plenty		Medicinal value	Leaf/ Fruits		
Tree	Khair	<i>Acacia catechu</i>	Local	Sub-Tropical	Available	Plenty		Medicinal value	Heart wood		
Tree	Fly	<i>Acacia modesta</i>	Local	Sub-Tropical	Plenty	Plenty		Medicinal value	Branches		
Tree	Kiker	<i>Acacia nilotica</i>	Local	Sub-Tropical	Plenty	Plenty		Medicinal value	Branches		
Tree	Neem	<i>Azadirachta indica</i>	Local	Sub-Tropical	Plenty	Plenty		Medicinal value	Branches/ Leaf		

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

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					
Mammals	Wild Goat	<i>Capra aegagrus</i>	Wild		Everytime	Plenty	Rare	Nil		Nil		Local
Mammals	Jackal	<i>Canis aureus</i>	Wild		Everytime	Plenty	Plenty	Nil		Nil		Local
Mammals	Monkey	<i>Cercopithecidae</i>	Wild		Everytime	Plenty	Plenty	Nil		Nil		Local
Mammals	Pig	<i>Sus</i>	Wild		Everytime	Plenty	Plenty	Nil		Nil		Local
Amphibians	Frog	<i>Rana tigrina</i>	Wild		Everytime	Plenty	Plenty	Nil		Nil		Local
Reptile	Snake	<i>Serpentes</i>	Land		Summer	Plenty	Plenty	Nil		Nil		Local
Reptile	Lizard	<i>Lacertilia</i>	Land		Summer	Plenty	Plenty	Nil		Nil		Local

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	Chir	<i>Pinus roxburghii</i>	Tree	Sub-Tropical	June-July	Common
2	Aam	<i>Magnifedra indica</i>	Tree	Sub-Tropical	March-April	Rare
3	Tali	<i>Dalbergia sissoo</i>	Tree	Sub-Tropical	April-May	Rare
4	Toon	<i>Toona ciliata</i>	Tree	Sub-Tropical	April-May	Rare
5	Jamun	<i>Syzygium cummuni</i>	Tree	Sub-Tropical	April-May	Rare
6	Bana	<i>Vitex nigundo</i>	Shrub	Wild and Agriculture	May-June	Rare
7	Santha	<i>Dodonaea viscosa</i>	Shrub	Wild and Agriculture		Common
8	Garna	<i>Carissa opaca</i>	Shrub	Sub-Tropical	Feb-March	Common
9	Ment (Pudina)	<i>Mentha spp.</i>	Herb	Wild and Agriculture	Feb-March	Common
10	Aloe vera	<i>Aloe vera</i>	Herb	Wild and Agriculture	Feb-March	Common
11	Toot	<i>Morus alba</i>	Tree	Wild and Agriculture / Sub-tropical	Feb-March	Common

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.)
1	Monkey	<i>Cercopithecidae</i>	Mammals	Forest	Common
2	Pig	<i>Sus</i>	Mammals	Forest	
3	Jackal	<i>Canis aureus</i>	Mammals		
4	Snake	<i>Serpentes</i>	Reptile		
5	Peacock	<i>Pavo cristatus</i>	Bird		
6	Sparrow	<i>Passeridae</i>	Bird		
7	Lizard	<i>Lacertilia</i>	Reptile		
8	Honey Bee	<i>Apis mellifera</i>	Reptile		

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