

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Barmeen Upper

Taluk: Ghordi

District:Udhampur

State: J&K UT

Geographical Area of the Panchayat Samiti: 850 Hec.

Population under the Panchayat Samiti: Total 2492

Male: 1337 **Female:** 1155

Habitat and Topography: Hilly area

Climate (Rainfall, Temperature and weather patterns) Intermediate Zone

Land use(nine fold classification available with village records)

Date, Month and Year of PBR Preparation: 30/09/2020

Management Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/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 local body ; not less than one third to be women and not less than 18% belonging to SC/ST)**1) Name:** Bodh Raj**Age:** 55**Gender:** Male**Address:** R/o Barmeen Upper**2)Name:** Sh Bansi Lal**Age:** 45**Gender:** Male**Address:** R/o Barmeen Upper**Area of specialization:****3)Name:** Rekha Devi**Age:** 22**Gender:** Female**Address:** R/o Barmeen Upper**Area of specialization:****4)Name:** Anju Devo**Age:** 27**Gender:** Female**Address:** R/o Barmeen Upper**Area of specialization:****5)Name:** Bikru**Age:** 67**Gender:** Male**Address:** R/o Barmeen Upper**Area of specialization:****6)Name:****Age:****Gender:****Address:** R/o Barmeen Upper**Area of specialization:**

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:** Bodh Raj**Age:** 55 Yrs**Gender:** Male**Address:** Barmeen Upper**Area of specialization:** Bone specialist**Location from which the person accesses biological material:****Perception of the practitioner on the resource status:****Medicinal Use:****2) Name:** Ashok Singh**Age:** 50 Yrs**Gender:** Male**Address:** Barmeen Upper**Area of specialization:** Fanda**Location from which the person accesses biological material:****Perception of the practitioner on the resource status:****Medicinal Use:****3) Name:** Gopal Chand**Age:** 50 Yrs**Gender:** Male**Address:** Barmeen Upper**Area of specialization:** Fanda**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, and forestry

1) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

2) Name of the Chairperson:

Age:

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:

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

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

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 shown (hectare)	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>	Muck	Improved Varieties only	Hilly	241.65	Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Kharif	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department
Wheat	<i>Triticum aestivum</i>	Kank	Improved Varieties only	Hilly	25	Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases	Rabi	Food Fodder	Provides more energy	-	Farmers / Department/ Private dealers	Farmers/ Department

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

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						
Apricot	<i>Prunus armeniaca</i>	Khobani	Improved	Hilly	Sufficient		Department/ Locals	Summer	-	Income Source	Market/ Own	Department/ Local
Walnut	<i>Juglans regia</i>	Khode	Normal	Hilly	Sufficient		Department/ Locals	Summer	-	Income Source	Market/ Own	Department/ Local
Peach	<i>Prunus persica</i>	Adu	Improved/ Local	Hilly	Sufficient		Department/ Locals	Summer	-	Income Source	Market/ Own	Department/ Local
	<i>Citrus medica</i>	Kimb	Improved/ Local	Hilly	Sufficient							Department/ Local
	<i>Pyrus pyrifolia</i>	Nakh	Improved/ Local	Hilly	Sufficient							Department/ Local
	<i>Zizyphus jujuba</i>	Baer	Improved/ Local	Hilly	Sufficient							Department/ Local
	<i>Musa spp.</i>	Kela	Improved/ Local	Hilly	Sufficient							Department/ Local
	<i>Citrus sinensis</i>	Santara	Improved/ Local	Hilly	Sufficient							Department/ Local
	<i>Pyrus spp.</i>	Bagughosha	Improved/ Local	Hilly	Sufficient							Department/ Local
	<i>Malus pumila</i>	Seb	Improved/ Local	Hilly	Sufficient							Department/ Local

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>	Cherri	Hilly	Abundant	Abundant	Farmers / Department	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers
Maize	<i>Zea mays</i>	Makki	Hilly	Abundant	Abundant	Farmers / Department	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers
Bajra	<i>Pennisetum americanum</i>	Bajra	Hilly	Abundant	Abundant	Farmers / Department	Nutritious & palatable fodder, Source of energy for animals	Above ground part of plant	Fodder	Farmers

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

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					
Dub Grass	<i>Cynodon - dactylon</i>	Dub Grass	Rabi/ Kharif		Hilly	Abundant	Abundant	Fooder	Mechanical, Chemical	-	Agri. & wasteLand	Farmers
Wild oats	<i>Avena fatua</i>	Laan / Jangli Javi	Oats		Hilly	Abundant	Abundant	Fooder	Above ground parts	-	Agri. & wasteLand	Farmers
Wild Rice	<i>Echinochloa colona</i>	Saankh or Idder	Paddy		Hilly	Abundant	Abundant	Fooder	Above ground parts	-	Agri. & wasteLand	Farmers

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

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
	Cut worm	<i>Agrotis ipsilon</i>	Ludi/ Toka	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Field rats	<i>Rattus meltda</i>	Chua	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Monkey	<i>Macaca mulatta</i>	Bander/ Tolo	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Porcupine	<i>erethizon dorsatum</i>	Say	Attacks all crops	All seasons	Mechanical& Chemical measures	-	Cause extensive damage to almost all crops,attacks humans	Farmers/ General Public
	Fox	<i>Vulpes vulpes</i>	Ged	Attacks all crops					Farmers/ General Public

Other details may include possible reasons for insects/animal attack

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
NO ORGANISED MARKET								

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

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	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	-	-	Cultivated Land		Agricultural Lands are privately owned	Wild Plants / Weeds	Insect	-	Ploughing, Sowing, weeding, hoeing, harvesting etc.	Food, Foder, Fibre etc.	Medicinal, Traditional, Religious.	-	Self Observed
Non-Cultivated Land	-	-	Non-Irrigated Area/ State Land		Agricultural Lands are privately owned	Wild Plants / Weeds	Insect	-	-	Foder	Medicinal, Traditional, Religious.	-	Self Observed
Grazing Land	-	-	State Land		Govt/Private	Wild Plants / Weeds/ Grasses	Insect	-	-	Foder	Medicinal, Traditional, Religious.	-	Self Observed

The above information is not exhaustive and relevant additional information to be filled up by the concerned departments.

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
Stream	-	Direct small underground streams	Revenue/ Private Land	Mostly Ferns, Bryophytes, Pteridophytes	Amphibians	Daily household and drinking	All the people of the said area	Traditionally management practices for strengthening of bunds and deepning of tank beds	Drinking & Washing Clothes	-	-	General People of Village
Canals	-	From the bigger nalas	Revenue/ Private Land	All crops including fruits, vegetables & Flowers	Frog, Tadpoles, Fishes, Water snakes	Irrigation, Hydro Power, Chakki/ Gharats	Farmer	Small Check Dams	Irrigation, drinking of domestic animal	-	-	Local villagers
Nalas	-	Direct smal underground streams	Revenue/ Private Land	All crops including fruits, vegetables & Flowers	Frog, Tadpoles, Fishes, Water snakes	Irrigation	Farmer	Check Dams	Irrigation, drinking of domestic animal	-	-	Local villagers
Bauli				Ferns, Bryophytes, Pteridophyte		Drinking			Domestic purpose			Local villagers
Kool												

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
Sandy Soil	Brown/Red/ Yellow	Well drained soil, adequate FYM & nitrogen content, prone to soil erosion due to steep slope	Sandy Loam	Kharif crops like Maize, Sorghum etc. Rabi crops like Wheat, Mustard etc. & other crops like cucurbits etc.	Flora: Fagada, Shisham, Dhaman, Retha, Sehtoot, Aru, Jamun, Gargle, Papita etc. Fauna: Billi, Dog, Cow, Sheep, Goat, Horse, Mule etc.	Religious/ Medicinal/ Traditional	-
Sandy Soil	Brown/Red/ Yellow	Well drained soil, adequate FYM & nitrogen content	Sandy Clay Loam	Kharif crops like Maize, Paddy etc. Rabi crops like Wheat, Mustard etc. & other crops like cucurbits etc.	Flora: Fagada, Shisham, Dhaman, Retha, Sehtoot, Aru, Jamun, Gargle, Papita etc. Fauna: Billi, Dog, Cow, Sheep, Goat, Horse, Mule etc.	Religious/ Medicinal/ Traditional	-

The above information is not exhaustive and relevant additional information to be filled up by the concerned departments.

DOMESTICATED BIODIVERSITY

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
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						
	Baer	<i>Ziziphus spp.</i>			Abundant	Abundant						Local
	Kela	<i>Musa spp.</i>			Abundant	Abundant						Local
	Nakh	<i>Pyrus spp.</i>			Abundant	Abundant						Local
	Papita	<i>Carica papaya</i>			Abundant	Abundant						Local
	Khubani	<i>Prunus spp.</i>			Abundant	Abundant						Local
	Santara	<i>Citrus sinensis</i>			Abundant	Abundant						Local
	Seb	<i>Malus Pumila</i>			Abundant	Abundant						Local
	Amrud	<i>Psidium Guajava</i>			Abundant	Abundant						Local
	Adu	<i>Prunus spp.</i>			Abundant	Abundant						Local
	Kimb	<i>Citrus medica</i>			Abundant	Abundant						Local
	Bagugosha	<i>Pyrus pyrifolia</i>			Abundant	Abundant						Local

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	Kainth	<i>Pyrus pashia</i>	Wild	Revenue/Private Land		Local	Available	Leaves, fruits	Leaves are used for staining purposes and fruits are edible	Traditional Medicines	Own use	Self observed
Tree	Kau	<i>Olea cuspidata</i>	Wild	Revenue/Private Land		Available	Available	Stem, branches	Stem and branches are used for making handles of agricultural tools.	Unknown	Own use	Self observed
Tree	Draink	<i>Melia azedarach</i>	Wild	Revenue/Private Land		Available	Available	Antioxidant, antianalgesic, antidiabetic	Leaves and Seed	Medicinal	Own use	Self observed
Tree	Kamila	<i>Mallotus philippinensis</i>	Wild	Revenue/Private Land			Available	Dying and herbal remedies	Fruit	Staining agent	Own use	Self observed
Shrub	Bana	<i>Vitex negundu</i>	Wild	Revenue/Private Land		Available	Available	Muscle relaxant, pain relieving	Leaves	Medicinal and religious	Own use	Self observed
Shrub	Brainkad	<i>Adhadoda vasica</i>	Wild	Revenue/Private Land		Available	Available	Treatment of bronchitis, cough and cold	Stem, flower and leaves	Medicinal and traditional	Own use	Self observed

Shrub	Ganera	<i>Nerium indicum</i>	Wild	Revenue/Private Land		Available	Available	Medicinal properties like anthelmintic, diuretic, cardio tonic, anti cancer	Roots, leaves and bark	Medicinal	Own use	Self observed
Shrub	Kewda	<i>Agave americans</i>	Wild	Revenue/Private Land		Available	Available	Medicinal properties	Whole plant	Medicinal	Own use	Self observed
Shrub	Kuad Gandal	<i>Aloe barbadensis</i>	Wild	Revenue/Private Land		Available	Available	Medicinal properties	Whole plant	Medicinal	Own use	Self observed
Climber	Mlungad	<i>Bauhinia vahlliwight</i>	Wild	Revenue/Private Land		Available	Available	Antibacterial, antidiabetic, analgesic, anti-inflammatory	Leaves, Stem	Medicinal	Market/Own use	Self observed

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	Available	Available	-	Wood used for Furniture and agricultural equipments	Medicinal	-	Self Observed
Tree	Toot	<i>Morus serrata</i>	Sub-Tropical	Available	Available	-	Wood used for Furniture	Medicinal	Fruits are edible	Self Observed
Tree	Draink	<i>Melia azedarach</i>	Sub-Tropical	Available	Available	-	Wood used for Furniture	Medicinal	-	Self Observed
Tree	Jamun	<i>Syzygium cumini</i>	Sub-Tropical	Available		-	Wood used for Furniture	Medicinal	Fruits are edible	Self Observed

The above information is not exhaustive and relevant additional information to be filled up by the concerned departments.

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					
Cattle	Gaay	<i>Bosindicus</i>	Local	Humped	Semiintensive	Large	Less	Milk	Milk good for brain	Nil	Ghee, curd, Butter, kaladi, cheese	Farmer
OX	Beal	<i>Bosindicus</i>	Local/Hybrid	Humped	Semiintensive	Large	Less		Ploughing	No	Ploughing, carting	Farmer
Buffalo	Bhains	<i>Bubblous</i>	Local/Hybrid	Humpless	Semiintensive	Large	Less	Milk	Ploughing	No	Ploughing, carting	Farmer
		<i>Bubalis</i>										
Buffox	Saand	<i>Bubblous</i>	Local/Hybrid	Humpless	Semiintensive	Large	Less	Ploughing	Ploughing	No	Ploughing, carting	Farmer
		<i>Bubalis</i>										
Goat	Bakri	<i>Capra Hercus</i>	Local/Hybrid	-	Domesticated	Available	Available	Milk, Meat	-	Yes	Meat, Milk, Hide	Farmer, Bakerwal, shepherd
Sheep	Bhed	<i>Ovisovis</i>	Local/Hybrid	-	Domesticated	Available	Available	Meat	-	Yes	Meat and wool	Farmer, Bakerwal, shepherd
Dog	Kutta	<i>Cannis lupus</i>	Local/Hybrid	-	Pet/Domesticated	Available	Available	Guarding	-	No	Guarding/security	Individual
Cat	Billi	<i>Felis Catus</i>	Local	-	Domesticated	Available	Available	Pest Control	-	No	-	-

Horse	Ghorda	<i>Equus caballus</i>	Local/Hybrid	-	Domesticated	Available	Available	Drought	-	-	Drought, racing	Individual horse owner
Pig	Suar	<i>Subscrofa</i>	Local	-	free roaming	Available	Available	Meat	-	-	Meat	Pig owner
Mule	Khachar	-	Local	-	Domesticated	Available	Available	Drought	-	-	drought	Mule Owner
Donkey	Gadda	<i>Equus asinus</i>	Local	-	Domesticated, free roaming	Available	Available	Drought	-	-	loading drought	Donkey owner

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					
Panchayat Barta												
Carp	Rohu	<i>Labeo rohita</i>	IMC's	Bony Fish	(Pond/Bheri/ Talao)	Carp culture was taken up after the year 2002.	Carp Culture is being taken up with the facilitation of the department.	Human Food Fish	Partial	Yes	Mode of Catching Fish:- Drag Netting , Cast Netting etc., Breeding Time:- Monsoon season and Common Carp also breeds during the month of March and April. Fish Seed is procured from the differnet Farms of the Department. Traditionally Feeding is done by mixing Mustard Oil Cake Rice Bran, Wheat Bran,Crushed Maize etc. But now a days formulated pelleted feed is also available.	Yes, Among Farming Community.
	Mrigal	<i>Cirrhinus mrigla</i>										
	Catla	<i>Catla catla</i>										
	Common Carp	<i>Cyprinus carpio</i>	Exotic Carps									
Grass Carp	<i>Ctenopharyngodon idella</i>											

Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products

1	2	3	4	5	6	7	8	9
Name of the Weekly Market / Fair	Location	Weekly / Fortnightly & Others Bi-annual / Annual	Day held	Month incase of bi-annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported

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 TK	Other Details	Community Knowledge Holder
					Past	Present					
	Talli	<i>Dalbergia sissoo</i>			Plenty	Plenty					Self Observed
	Baans	<i>Bambusa</i>			Rare	Rare					Self Observed
	garna	<i>Carissa carandus</i>			Rare	Rare					Self Observed
	Aak	<i>Calotropis spp.</i>			Plenty	Plenty					Self Observed
	Chir	<i>Pinus roxburghii</i>			Plenty	Plenty					Self Observed
	Simbal	<i>Bombax cieba</i>			Plenty	Plenty					Self Observed
	Khajur	<i>Phoenix sylvestris</i>			Plenty	Plenty					Self Observed
	Draink	<i>Melia azedarach</i>			Plenty	Plenty					Self Observed
	Kamila	<i>Mallotus philippensis</i>			Plenty	Plenty					Self Observed
	Gucchi	<i>Morchella esculenta</i>			Rare	Rare					Local People
	Kainth	<i>Pyrus pashia</i>			Plenty	Plenty					Self Observed
	Safeda	<i>Eucalyptus globulus</i>			Rare	Rare					Self Observed

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				
Panchayat Barta										
Mahseer	<i>Tor pitutora</i>	Wild, Fresh Water.	Bony, Fresh Water	Fresh water Streams & Rivers.	All Fish species were available.	Mahaseer is now a days is reported very few in catch.	Human Food Fish. Sport Fish (Mahaser and Trout)	Yes	Mode of Catching Fish:- Cast Net, Fishing Rod and Hook line. Breeding Time:- Breeds in Monsoon season.	Yes, Among Fishermen and Angling Community.
Keadie/Khrot	<i>Labeo spp.</i>									
Gauns	<i>Bagarius spp.</i>									
Channa	<i>Channa spp.</i>									
Fresh Water eel	<i>Mastacembelus spp.</i>									

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	Banafsha	<i>Viola odorata</i>			Plenty						Local
Tree	Timbru	<i>Zanthoxyllem amartum</i>			Rare						Local
Shrub	Gerna	<i>Carissa carandus</i>			Plenty						Local
Tree	Harad	<i>Terminalis chebula</i>			Rare						Local
Tree	Amla	<i>Emblica officinalis</i>			Plenty						Local
Shrub	Brainkad	<i>Adhatoda vasica</i>			Plenty						Local

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 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					

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

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
Gulab	<i>Rosa spp.</i>						Local
Bougan villa	<i>Bougainvillea</i>						Local
Surajmukhi	<i>Helianthus annus</i>						Local
Bottle brush	<i>Callistemon</i>						Local
Gutti	<i>Targetes spp.</i>						Local
Hibiscus	<i>Hibiscus</i>						Local

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					
	Chitra	<i>Chitra</i>				Rare						Loacl
	Resh	<i>Ursus spp.</i>				Rare						Loacl
	Ged	<i>Vulpes vulpes</i>				Plenty						Loacl
	Noul	<i>Herpestidae</i>				Plenty						Loacl
	Mor	<i>Pavo spp.</i>				Plenty						Loacl
	Chakor	<i>Alectoris chukar</i>				Plenty						Loacl
	Gilhari	<i>Sciuridae</i>				Rare						Loacl
	Tarkhaan	<i>Melanerpes formicivorus</i>				Rare						Loacl
	Gatari	<i>Acredotheres spp.</i>				Plenty						Loacl
	Ghoda	<i>Equus caballus</i>				Plenty						Loacl
	Koo	<i>Varanus spp.</i>				Plenty						Loacl

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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.)

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.)

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