People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti:- Barron Thopal
Taluk: Thopal
District: Ramban
State: Jammu and Kashmir
Geographical Area of the Panchayat Samiti:
Population under the Panchayat Samiti: Total; 869
Male: 468 Female:401
Habitat and Topography:
Climate (Rainfall, Temperature and weather patterns)
Land Use (Nine fold classification available with village records)
Date, Month and Year of PBR Preparation
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

#### nexure 1

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

)Name of the Chairperson: Satish Kumar S/O Mansa Ram 9419994412
: 38
der: M
ress: Thopal
of specialization: Sarpanch
2) Name: Neelam Devi W/O Rajinder Singh
: 32
der: F
ress:Thopal
of specialization: Farmer
3)Name: Rachna Devi W/O Kuldeep Kumar
35
der: F
ress: Dharlta
of specialization: Farmer
4)Name: Darshan Kumar S/O Sita Ram
35
der: M
ress: Haldanu
of specialization: Pvt Job
5)Name:Bishan Lal SO Mangat Ram
47
der: M
ress: Thopal
of specialization: Farmer
6)Name:Fazal mohd SO Din Mohd
59
der: M
ress: Dharalta
of specialization: Farmer
7)Name: Harvind Kumar SO Krishan Lal
43
der:M
ress: Haldnu
of specialization: Govt Teacher

nexure 2
t of $Vaids$ , hakims and traditional health care (Human and livestock) practitioners residing and or using biologica ources occurring within the jurisdiction of the village
Name : Hans Raj SO Isher Dass 9697623521
: 46
der: M
ress: Dharaltha -B
a of specialization: Former
ation from which the person accesses biological material:
seption of the practitioner on the resource status:
licinal Use:
Name: Mansa Ram SO Basant Ram 8803273774
:74
der:M
ress: Haldnu
a of specialization: Farmer
ation from which the person accesses biological material:
peption of the practitioner on the resource status:
licinal Use:
Name: Mohd Sadiq SO kashmiru 9596921948
:60
der:m
ress: Thopal
a of specialization: Farmer

ation from which the person accesses biological material:

reption of the practitioner on the resource status:

licinal Use:

nexure 3
t of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agricultu teries, and foresty
Name :- Sewa Ram S/o Gujjar Singh
68
der:M
ress: Thopal
of specialization: Farmer
Name :- Monohar Lal S/o Prithvi Raj
: 50
der: M
ress: Thopal
of specialization: Farmer
Name :- Krishan Lal S/o Waziru
: 73
der:M
ress: Thopal
of specialization: Farmer
Name :- Chuni Lal 9149601988
262
der:
ress:
of specialization: Lambardar

nexure 4
tails of schools, colleges, departments, universities, government institutions, non-governmental organization and ind olved in the preparation of the PBR
Contact Person:Hans Raj Teacher 9419932861
Name and Address: Govt PS Haldno
Contact Person: Govt Middel S Thopal
Name and Address: Harvind Kumar Teacher 9858639834
Contact Person:
Name and Address:
Contact Person:
Name and Address:
may add names of more institutions/NGO/Individuals etc, if necessary

Annexure 5	5
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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		l Status Present	Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Pl ants	Community/ Knowledge Holder
Rice	Oryza sativa		Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought, flood, pest & diseases		Food Fodder Roofing Fuel	Provides more energy	Suitable for "Valicha" cultivation		Kurichiya Kuruma W. Chetty
Wheat														
Jav														

|--|

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  Past Present		Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder	
Apple	Malus domestica	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh fruit, Juice, Jam etc		Farmer/ Department of Horticulture	
Pear	Pyrus communis	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture	
Peach	Prunus persica	Asroo	FLA 16/13 July Alberta, Quetta, Florda sum, Florda Prenice	Lower hills upto High hills					Govt. Nursery/ Private Registered Nry	Summer	Fresh Fru		i/Jammu
Apricot	Prunus armeniaca	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Summer	Fr jent and Ene	Fresh Fruit	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture	
Plum	Prunus saliciana	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloocha	Mid hills to High hills	Ra	Ple	Govt. Nursery/ Private Registered Nry	Summer	Provvide Nutrient and Energy	Fresh fruit,		Farmer/ Department of Horticulture	
Walnut	Juglans regia	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy	Pr	Dry Fruit		Farmer/ Department of Horticulture	
Pomegran ate	Punica granatum	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture	

Fig	Ficus carica	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture	
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# **Format 3: Fodder Crops / Species**

1	2	3	4		5	6	7	8	9	10
Plant	Caiantifia	Local	Landarana /	Local Status		S	Associated	Dovi		Community /
	Scientific Name	Local Name	Landscape / Habitat	Past	Present	Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
Oats	Avena sativa	Javi	Intermediate	Plenty	Plenty	Dept	Nutritive palatable fodder	Leaves stem	Major croip of fodder	Farmers
Bjra	Pennisetum glasscum	Bajra	Intermediate	Plenty	Plenty	Dept	Nutritive palatable fodder	leaves stem	Good value of dry fodder is stives to feed animals during winter	farmers
Soeglrum	Sorghum bicolor	Chari	Intermediate	Plenty	Plenty	Dept	Nutritive palatable fodder	leves stem	Plants are lrge enough to mke stock for winter	farming community

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
						Loc	al Status					
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Past	Present	Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
Bael	Ipomea spp.	Bael	All kh. Crops	Suppress growth	Cultivated field	Plenty	Plenty	nil	Mechnical Chemicl		annual	Farmers
Wild oat	Avena ftua	jngli javi	wheat	Complete for space nutrients	All cultivated field	Plenty	Plenty	Fodder	Cultural Chemical	Grow with crops	annual	Farmers
Jhadi	Parthenum spp.	Congress grss	Fodder crops	Complete for space nutrients	Uncultivated land	Plenty	Plenty	nil	uproorting before flowering	Grow wild	biannual	Farmers
Crab grass	Digitrees spp.		All Kh. Crops	Reduce yield	cultivated land	Plenty	Plenty	Fodder	Cultural Chemical	Grow wild	annual	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 / seas	on of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Maize	Cut worm	Aarrotis spp.		All field	June	July	Chemical Phortejog	Cuit the plant t ground level		ENIL
Maize	Stem borer	Chilop partellus		batches in field	July	August	Chemical Phortejog	Attack the stem which taller	Shallow tilling	
Maize	Grass hopper	Metanoplus spp.		All field	July	August	Trimming the budsa, deep ploughing	prolific feeder	Adult in the feeder	
Wheat	Yellow nest	Puccinea striformis		in batches of field	Feb	March	Use of rests, tnt vr	yieldf isd redaceeds	highly destructive	
Wheat	Field rats	Bemdicots benglenis		in sports of field	March	April	Chemicl ak. Phosphid zinc phosphate	Damage the crop at maturity	difficulkt to control	

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

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
Nil										
			_							

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	Landsca	ipes											
Agricultural land	Pond	Fallow land	Sub - Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Hilly	Hilly & Plain area												

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	E	Ownership	General flora	General fauna	Major uses		Managamant	General uses	Associated TK	Other details	Community accessed
Pond			Private		Fish, Frog							
Tube Well												
Hand Pump			Govt									
											_	

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						
		+					

#### Format 11: FURIT TREES DOMESTICATED BIODIVERSITY

1	2	3	4	6		7	8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Loc Past	al Status Present	Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
Apple	Malus domestica	Saib	Red Delicious, Golden Delicious etc	Mid hills upto High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh fruit, Juice, Jam etc		Farmer/ Department of Horticulture
Pear	Pyrus communis	Bagu Gosha, Nakh Nashpati	Red Bartlett, Punjab Beauty, Pathar Nakh, Star Krimson	Mid hills to High hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit	_	Farmer/ Department of Horticulture
Peach	Prunus persica	Asroo	FLA 16/13 July Alberta, Quetta, Florda sum, Florda Prenice	Lower hills upto High hills			Govt. Nursery/ Private Registered Nry	Summer	ıergy	Fresh Fruit	ndi/Jamm	Farmer/ Department of Horticulture
Apricot	Prunus armeniaca	Khobani Sarri	Bebco, Harkat	Lower hills upto High hills	Rare	Plenty	Govt. Nursery/ Private Registered Nry	Summer	ent and Er	Fresh Fruit	arket Maı	Farmer/ Department of Horticulture
Plum	Prunus saliciana	Aloo Bukhara	Santa Rosa, Kala Amritsari, Alubukhara, Aloocha	Mid hills to High hills	R	Ple	Govt. Nursery/ Private Registered Nry	Summer	Provvide Nutrient and Energy	Fresh fruit,	Consumed in local Market Mandi/Jammu	Farmer/ Department of Horticulture
Walnut	Juglans regia	Akhroot	Burzal, Kagzi, Local Selections	High hills			Govt. Nursery/ Private Registered Nry	Rainy	Prov	Dry Fruit	Consumed	Farmer/ Department of Horticulture
Pomegrana te	Punica granatum	Anardana, Daroo	Anardana, Kandhari, Ganesh	Lower hills upto Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture
Fig	Ficus carica	Phogara	Local	Mid hills			Govt. Nursery/ Private Registered Nry	Rainy		Fresh Fruit		Farmer/ Department of Horticulture

#### Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)

1	2	3	4	5	6		7	8	9	10	11	12
						Local	status				Other details	G 11 / 17
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Past	Present	Uses (usage)	Part used	Associated TK	market/own use	Community/ Know. Holders
	Cambel			Sub-tropical	Seed	Plenty						
	Banafsha			Temperate	Natural/wild	Plenty						
	Banj			Temperate	seed	Plenty						
	Krangal			Sub-tropical	Natural	Rare						
	Timbru			Sub-tropical	Natural	Rare						
	Kau			Sub-tropical	seed	Rare						

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	
Ornamental Tree	Chinar	Platanus orientalis	_	Nurseries	Non commercial	Ornamental/	_	Leaves give pleasing ground	Floriculturists/	
Omanicinal free	Cililiai	Tidianus orieniaus	-	rediscres	Landscapi		-	cover during fall	Nurserymen/Gardeners	
Ruches/Shruhs	Lavender	Lavandula	_	Nurseries	Non commercial	Ornamental/	Lavender oil used in	Flowers in June- July. Highly	Floriculturists/	
Bushes/Shrubs	Lavender	officianalis	-	rediscres	Tvoir commercial	Landscaping	cosmetic surgery	fragrant.	Nurserymen/Gardeners	
Herbs Seasonals	Gutta	Tagetes patula	_	Nurseries	Non commercial	Ornamental/	Burns, rashes,	Grows round the	Floriculturists/	
ricios Scasoliais	Guita	Tagetes patitia	,	Nuiseries	Non commercial	Landscaping	itchiness	year	Nurserymen/Gardeners	
Herbs Seasonals	Gulah	Gulab Rosa spp	-	Nurseries		Ornamental/	Blood purifier, Anti	Perennial flower	Floriculturists/	
	Guiao				Non commercial	Landscaping	inflammatory	1 Cicilliai Howel	Nurserymen/Gardeners	

#### **Format 14: Timber Plants / Trees**

1	2	3	4		5	6	7	8	9	10
				Loca	l status					
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	Wild/ home- garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
	Kail	Pinus wallichiana	Temperate	Plenty	Plenty	Wild				
	Chir	Pinus wallichiana	Temperate	Plenty	Plenty	Wild				
	Tali	Dalbergia sissoo	Sub-Tropical	Rare	Rare	Wild				

#### **Format 15: Domesticated Animals**

1	2	3	4	5	6		7	8	9	10	11	12	
Animal Type	<b>Local Name</b>	Scientific Name	Breed (local/	Features	Method of	1	Local status	Uses	Associated TK	Commercial rearing	Other details including products and	Community Know. Holders	
			пургіці		keeping	Past	Present		I K	rearing	services	noiders	
Sheep	Bhead	Ovis aries	Local	Small size, rough coat	Flock rearing	Plenty	Rare	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads	
Sheep	Bhead	Ovis aries	Rambouillet cross	Large size, fine wool	Flock rearing	Rare	Plenty	Mutton, wool and manure	Yes	Yes	Mutton, wool, manure, bones, hides and gutt	Local and nomads	
Goat	Bakri	Capra hircus	Local	Small size, low body weight	Flock Rearing	Plenty	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads	
Goat	Bakri	Capra hircus	Kaghani (Bakerwali)	Large size, high body weight	Flock rearing	Rare	Plenty	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads	
Goat	Bakri	Capra hircus	Beetal	Large size, high body weight	Flock rearing	Rare	Rare	Mutton, hair and manure	Yes	Yes	Mutton, hair, manure, bones, hides and gutt	Local and nomads	
Cow	Gai	Bos taurus		Small Size									
Buffalo	Mai	Bubalina		Large Size									

#### **Format 16: Culture Fisheries**

1	2	3	4	5	6		7	8	9	10	11	12
						Loc	cal status					
Fish Type	<b>Local Name</b>	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Past	Present	Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc

#### Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products 3 4 7 1 2 5 6 8 9 Weekly / Fortnightly & Others Types of animal bought and sold Number of animals (average) Places from where the bought and sold transacted in a day Places from where the animals are arrived are transported Name of the Weekly Month incase of bi-annual or annual market fair Day held Location Market / Fair Bi-annual / Annual Nil

# WILD BIODIVERSITY Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4	5		6	7	8	9	10	11
					Loca	l status				Other	Community Knowledge
Plant Type	Local Name	Scientific Name	Habit	Habitat	Past	Present	Commercial / own use	Part collected	Associated TK	details	Holder
	Chir	Pinus roxburghii									
	Shisham	Dalbergia sissoo									
	Kail	Pinus wallichiana									
	Draink	Madhuca longifolia									
	Timbru	Zanthoxylum armatum DC									
	Methi	Trigonella foenum-graecum									
	Pudina	Mentha									
	Trimbal										
	Kisrod										
	Champ	Magnolia champaca									

# 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	Kao	Olea cuspidte	wild	Medicinal	Abundant
2	Anantana	Pinica granatus	wild	used in making anardana	Abundant
3	Kandoor	Calkotropisgignte	wild	used as vegeatbles	long highway
4	Chir	Pirius roxburghir	wild	basin,Timber	Abundant
5	Akhrot	Juglns regia	wild	Fruit, Timber	Abundant
6	Banj	Quercus incana	wild	Fodder, Firewood	Abundant
7	Kainth	Pyrus pashia	wild	Fodder, Firewood	Abundant
8	Toon	Toona ciliata	wild	Fuel wood	Abundant
9	Phaktae	ficus palmats	wild	medicinal	Abundant

# Format 20: Aquatic Diversity; Panchayat: Barron, Block: Batote

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Loc	al Status	Uses	Associated TK	Other Detail	Community/ Knowledge Holder
Flora	Nil	Nil	Nil	Nil	Past	Present	Nil	Nil	Nil	Nil
Fauna										
Desi Alma	Schizothorax sps	Indigenous cold water hill stream fishes	Eongated, fussi-form with short snout, sub cylindrical body with short, blunt and slightly prognathous upper jaw.	Snow fed Streams, Nallah	Plenty	Plenty	Food Fish		Breeding period Feb to Jun, Feeds on natural food, (Plankton, insects trash fish. Mode of catching – Gills Net, Hook	Mahigirs, Deptt. of Fisheries and Vendors
Common	Cyprinus carpio	Exotic	Deep laterally compressed body which is dark brown mouth subytermianl with thick lips rostral and maxillary beabils present	Reservior, Lakes and Sars	do	do	do		Breeding period March to April, Feeds on natural and artificial foods Mode of catching – Cast Net and Drag Net	Do

# Format 21: Wild Aquatic Plant Species of Importance; Panchayat: Barron, Block: Batote

S.	Local Name	Scientific Name	Variety	Importance	Trends
No				•	
1	Kakshi		Plant	Nil	Nil
2	Barrain		Plant		

#### Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5		6	7	8	9	10	11
Di tar i di i					Local	Status				0.1 1.4 11	G
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Past	Present	Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
	Draink	Madhuca longifolia			Plenty	Plenty					
	Shisham	Dalbergia sissoo			Plenty	Plenty					
	Chir	Pinus roxburghii			Plenty	Plenty					
	Trimal	Ficus roxburghii			Plenty	Plenty					
	Kau	Olea cusoidata			Plenty	Plenty					
	Kail	Pinus wallichiana			Plenty	Plenty					

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	Scientific	Associated	Landscape /	Local	Status	Uses	Part	Associated	Other details	Community / Know	
Name	Name	crop	Habitat	Past	Present	(usage)	Used	TK	Other details	holder	
Phakwara	Ficus casica	Fig	Hilly and temperate	available	available	Fruit	Pulp of fruit .Rich in vitamin , sugar and minerals	Pulp of fruit	Seeds	Farmers	
Ahahtoot	Morus alba	Mulberry	Hilly and temperate	available	available	as a fruit	Rich in protein, sugr, vit C nd E	Pulp of fruit	Good source of anitbodies, Vit A	Farming community	
Kamblu	Cynococcus spp.	Blueberry	Hilly and temperate	available	available	Fruit	Rich in Vit C, K nd min mn	Pulp of fruit	King of oxidants	Farming community	

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	Associated Tk	Other Details	Community/ Knowledge Holder
Chinar	Platanus orientalis	_	Tomostical Intermediate	Non commercial		Leaves give pleasing	Floriculturists/
Cninar	ninar Platanus orientatis		Terrestial, Intermediate	Non commercial	-	ground cover during fall	Nurserymen/Gardeners
					H 10 D	T	Floriculturists/
Mor Pankh	Thuja compacta	-	Terrestial, Intermediate	Non commercial	Used for Respiratory tract infection	Treatment of cold sores, skin infections	Nurserymen/Gardeners
Panj Tara	Largerstromia indica	_	Terrestial, Intermediate	Non commercial	Astringent, wound	Pink flowers	Floriculturists/
Tanj Tala	Largersiromia inaica		Terrestiai, iliterillediate	14011 Collinierciai	healing	I lik Howels	Nurserymen/Gardeners
Nerium	Nerium oleander	-	Terrestial, Intermediate	Non commercial	Epiplepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
Lavender	Lavandula officianalis	-	Terrestial, Sub-Tropical	Non commercial	Lavender oil used in cosmetic surgery	Flowers in June-July. Highly fragrant.	Floriculturists/ Nurserymen/Gardeners
Gutta	Tagetes patula	1	Terrestial, Intermediate	Non commercial	Burns, rashes, itchiness	Grows round the year	Floriculturists/ Nurserymen/Gardeners
Gulab	Rosa spp	-	Terrestial, Intermediate	Non commercial	Blood purifier, Anti inflammatory	Perennial flower	Floriculturists/ Nurserymen/Gardeners

# Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb,	Local	Scientific	Variety	Habitat		al Status	Uses	Part used	Associated	Other details	Community knowledge
Shrub, Tree)	Name	Name			Past	Present	(usage)		TK	(mode of use)	holder
Sharb	Timbru	Zanthoxylum		sub-trophical			Chewing	Stem,Seed,B ark			Gernerally, held by community
Mesk	Jurines dedomiars	Dhoop	local	All	A	vailable	Fumigate	Growth high alt.	Stem	Religious	Farming community
Mesk	Dhoop	Jurines dedomiaes		Temprate/ Sub- trophical			Fumigate	Root			Gernerally, held by community

# **Format 26: Timber Plants**

1	2	3	4		5	6	7	8
			Local	Status		A		
<b>Local Name</b>	Tame Scientific Name Habitat Past Present Other Uses, if any TK		Associated TK	Other Details	Community/ Knowledge Holder			
Banj		Temperate	Plenty	Plenty				
Kau	Olea cusoidata	Temperate	Plenty	Plenty				
Chir	Pinus roxburghii	Temperate	Plenty	Plenty				
Akhrot	Juglans regia	Temperate	Plenty	Plenty				
Kail	Pinus wallichiana	Temperate	Plenty	Plenty				

#### Format 27 A: Coastal and Marine Flora

1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Loc. Past	al Status Present	Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder

NIL

Format	27	$\mathbf{R}$ .	Caastal	and	Marina	Fauna
rormat	<i>Z I</i>	Б:	Coastai	ana	viarine	rauna

1	2	3	4	5		6	7	8	9	10	
				<b>Local Status</b>			C . III				
Animal Type	Local Name	Scientific Name	Habitat	Past	Present	Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder	

NIL

# Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)

1	2	3	4	5	6	7		8	9	10	11	12
						<b>Local Status</b>						
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Past	Present	Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
Mammal	Leopard	Panthera pardus	Forest			Rare	Rare					
Mammal	Bandar	Macaca mulatta	Forest			Plenty	Plenty					
Birds	Chakor	Alectoris chukar	Forest			Plenty	Plenty					
Mammal	Langoor	Semnopithecus	Forest			Plenty	Plenty					
Mammal	Porcupine	Erethizon dorsatum	Forest			Plenty	Plenty					
Birds	Tree Sprarrow	Passer montanus	Forest			Rare	Rare					
Birds	Koel	Eudynamys	Forest			Plenty	Plenty					
Birds	Sparrow Hak	Accipiter nisus	Forest									

# Format 29: Flora (Urban Biodiversity)

S.No.	Local Name	Scientific Name	Type of Plant	Habitat	Flowering Season	Rare/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.)
Nil					

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						