People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: Kahaljugaser-A
Taluk: Bhalessa
District: Doda
State: J&K UT
Geographical Area of the Panchayat Samiti: 25327 Hac.
Population under the Panchayat Samiti: 1408
Male: 707 Female: 701
Habitat and Topography: Hilly
Climate (Rainfall, Temperature and weather patterns): All
Land Use (Nine fold classification available with village records): Yes
Date, Month and Year of PBR Preparation:
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Manag Forest(COM):-

Details of Biodiversity Management Committee (BMC) of the Panchayat (One ele body ; not less than one third to be women and not less than 18% belonging to SC/ST	
1)Name of the Chairperson: Devi Ram S/o Lakhmi Ram	
Age:	
Gender: Male	
Address: Kahaljugaser	
Area of specialization: Chairman of Committee	
2) Name: Gain Devi Wd/o Shanti Lal	
Age:	
Gender: Female	
Address: Kahaljugaser	
Area of specialization: Secretary	
3) Name:- Sudesha Devi W/o Gulab Chand	
Age:	
Gender: Female	
Address: Kahaljugaser	
Area of specialization: Agriculture Knowing	
4)Name: Pritam Singh S/o Amar Singh	
Age:	
Gender: Male	
Address: Kahaljugaser	
Area of specialization: Herbal Knowing	
5)Name: Girdhari Lal S/o Kartar Singh	
Age:	
Gender: Male	
Address: Kahaljugaser	
Area of specialization: Horticulture Knowing	
6)Name: Roop Raj S/o Hardiyal	
Age:	
Gender: Male	
Address: Kahaljugaser	
Area of specialization: Agriculture Knowing	
7)Name: Harnam Singh S/o Narayan Singh	
Age:	
Gender: Male	
Address: Kahaljugaser	
Area of specialization: Herbal Knowing	

	1
List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and within the jurisdiction of the village	or using biological resou
1)Name:	
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:	
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:

Age:

Gender:

Address:

Area of specialization:

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, fisheric and foresty
1) Name of the Chairperson: Sudesha Devi W/o Gulab Chand
Age:
Gender: Female
Address: Kahaljugaser
Area of specialization: Agriculture Knowing
2) Name of the Chairperson: Pritam Singh S/o Amar Singh
Age:
Gender: Male
Address: Kahaljugaser
Area of specialization: Herbal Knowing
3)Name of the Chairperson: Girdhari Lal S/o Kartar Singh
Age:
Gender: Male
Address: Kahaljugaser
Area of specialization: Horticulture Knowing
4)Name of the Chairperson: Harnam Singh S/o Narayan Singh
Age:
Gender: Male
Address: Kahaljugaser
Area of specialization: Herbal Knowing

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals inv preparation of the PBR

1) Contact Person:

Name and Address: Mohd Ayoub Sr.Lect. HSS Gowari

2) Contact Person:

Name and Address: Tanveer Ahmed Prof. GDC Kilhotran

3) Contact Person:

Name and Address: Bashir Ahmed Teacher

4) Contact Person:

Name and Address: Arvind GRS

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								

Format	Part II PBR – Formats AGROBIODIVERSITY ormat 1: Crop Plants																
1	2	3	4	5	6		7	8	9	10	11	12	13	14			
Сгор	Scientific Name	Local Name	Variety	Landscape /Habitat	Approx		Status	Special	Cropping	Uses	Associated TK	Other Details	Source of Seeds / Plants	Community			
				/Habitat	Area Sown	Past	Present	features	features Season		Season				Plants	/Knowledge Holder	
Wheat	Triticuma estivum	Kanak, gandham	HS-240, VL- 804, HS-507	Hilly, temperate and intermediate	5603ha	Local varieties	Improved varieties	Late maturity	Rabi	Food item, used as flour, feed to cattle, poultry etc.			HH kept seed, Deptt. Of agriculture, private seed dealers	Local/ Aged farmers of rural communities possess TK			
Rice	Oryza sativa	Chawal	Veliyan	Lowland valleys	N/A	Plenty		Tall variety , High yield, resistant to drought, flood, pest,and diseases	May to October	Food, Fodder, Fuel, Roofing, Matting	Energy production	Suitable for Valichia Cultivation	Self, Agriculture Department	Kurichiya, Kuruma, W. Chetty			
Barley	Hordeum vulgare	Joo	Local barley, ratna, sonu	Hilly, temperate and intermediate	3450 ha	Local varieties	Improved varieties	Most efficient under rainfall conditions	Rabi	Grains used as cattle feed besides, green crop used as fodder.			Self, Agriculture Department	Local/ Aged farmers of rural communities possess TK			

Maize	Zea mays	Kookri	plandri,Rashi479 4,Bio-9621 ec	Hilly,Temperate and intermediate	16540 HA.	local varities	improved varities	April snow,local variety dentles ,corn and floor sweet in taste	kharief	Major food item,also used feeding to poultry and cattle	local variety plandri,sown before 15 April ,harvesting when leaves turn pale.		House hold kept seed.Deptt.of Agri. Private seed dealers	Generally aged farmers of rural communities posses TK pertinent to cultivation and management.
Rajmash	Phaseolus vulgaris	Rajma	Vaspa local varities	Temerate	2312 HA	local varities	improved varities	Sown majorily as an intercrop/mixed crop with Maize.	kharief	Green beans used as vegetale,pods used as vegetale and grains used as pulse.	local varities of Rajmash.	-	seed saved from the previous year's crop	Farmers of entire Bhalessa region.call for protection as Geographical indication

1	2	3	4	5	6		7	8	9	10	11
					Local Status						
Plant	Scientific Name	Local Name	Variety	Landscape /Habitat	Past	Present	Source of Seeds / Plants	Season of fruiting	Associated TK	Uses	Other Details markt / own use
Apple	Malus domestica, borkh	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Tree, regular bearing	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct	Fruit, Economy Generation	
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep	Fruit, Economy Generation	
Peach	Prunus persica(L) batsch	Aaroo	July Elberta, Quetta	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries	June-July	Fruit	
Apricot	Prunus armeniaca	Khubani, Sadi	Local apricot, Bebco	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	June-July	Fruit	
Walnut	Juglans regia	Akhrot	Paper/Thin Shhelled, Hard & Medium Shelled	Tree, regular bearing	Temperate Hills	Plenty	Plenty	Nurseries& Locally raised	Sept-Oct	Dry-fruit, Economy generation	
Pecannut	Carya illinoenis	Pecan	western shell	Mid/temperate hills	rare	rare	Nurseries	Sept-Oct		Dry Fruit	Marketing
Olive	Olea europea	Khao, jaiton	Local, Carotina	Mid/temperate hills	rare	rare	Govt. Nurseries	August-October		fruit	Marketing



Format 3	3:-Fodder Cr	ops / Species	5							
1	2	3	4	5		6	7	8	9	10
			Landscape /Habitat	Local Status		Source of Seeds /	Associated TK			Community
Plant	Scientific Name	Local Name		Past	Present	Plants	Associated TK	Part Used	Other Details	/Knowledge Holder
Oats	Avena savita	Javi/Ghass	Temperate & Intermediate	Local varities	Improved Varities	Seed saved from the previous year's crop, Deptt. Of Agri. And Private stores	Stored in locally modeused as animal feed	Whole plant	NA	All farmers
Wheat	Triticum aestivum	Gundam	Temperate & Intermediate	Local varities	Improved Varities	Seed saved from the previous year's crop, Deptt. Of Agri. And Private stores	Stored in locally modeused as animal feed	Whole plant	NA	All farmers

Format-4	Format-4 : Weeds													
1	2	3	4	5	6		7		9	10	11	12		
Plant	Scientific Name	Local Name	Affected Crop	Impact	Landscape	Local		Uses if any	Management	Associated TK	Other Details	Community		
	Setematic Public	Habitat /Habitat Past Present	CSCS II UNY	Options	Associated TR	like exotic	/Knowledge Holder							
Hemp	Canabis sativum	Bhang	Maize	Bad	Temperate & Intermediate	Bad	Good	No	Physical removal	Crops		Farmers		
Stinging Netle	Uritica dioica	Shader	Maize	Bad	Temperate & Intermediate	Bad	Good	No	Physical removal	Crops		Farmers		

Format	-5: Pests of C	Crops							
1	2	3	4	5	6	7	8	9	10
Host	Insect /Animals	Scientific Name	Local Name	Habitat	Time / Season of Attack	Management mechanism	Associated TK	Other Details	Community /Knowledge Holder
Maize	Stem Borer	Chilo partellus	ludi	polyphagou	kharif	field sanitation and continousely remove and destroy the affected plants and stubbles completely,Deep ploughing,follow crop rotation.use Trichogramma spp. Chrysoperla			

Format 6: M	arkets for Domesticated	l 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: P	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			
1408	Farming	Agriculture,Hortcultu re	Farmlands	Traditional pracitices and accessed mainly after february till october	Land levelling,Terrace formation	Timely and proper fertilizers,insectcides and antibecterial sprays	All	NA	NA	314			

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: 1	Landsca	npe											
	1		2	3	4	5	6	7	8	9	10	11	12
	r Landsca	-	Sub -	Features and approx.	Ownership	General flora	General fauna	User groups	Management	General uses	Associated TK	Other details	Community
Agricultural land	Pond	Fallow land	Landscapes	area	ľ				practices				accessed
C	Cultivated		Cultivated	Fertile land	Private	Plants herbs	Rodents, insects	Villagers	Crop rotation, terracing	Cultivation	used for farming		low income communities
Noi	1-cultivate	d	Non-irrigated	Less fertile	Sate/Private	Plants herbs	Rodents, insects	Villagers	Crop rotation, terracing	Cultivation	used for farming		low income communities
F	orest land		Forest land	Less fertile	Sate/Govt	Mashy,Swampy plants	Insects and amphibians	Villagers	Crop rotation, terracing	Cultivation			low income communities
Gr	azing land		Grazing land	Forests	Sate/Govt	Deodar,pine spruce etc.	Wild animals,insects	Villagers	Afferostation	firewood,timber etc			every communit

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

Format-9:	Format-9: Waterscape													
1	2	3	4	5	6	7	8	9	10	11	12	13		
Waterscape	Sub-type	Features and Approx. area	Ownership	General flora	Genreal fauna	Major Uses	User group	Management practices	General uses	Assocaited TK	Other details	Community accessed		
Nallah	Nallah	From glacier or spring	Govt./Panchayat	Crop like fruits,vegetables and flowers	Frog, Tadpole	Drinking water,Daily use	Locals	Nallah bunding,Check Dams	Drinking water,Daily use	Na	Na	Gen.public of Panchayat		

Format-10:- Soil Typ	e						
1	2	3	4	5	6	7	8
Soil Type	Colour and Texture	Features	Soil Management	Plan and Crops suitable	Flora and auna	Associated TK	Other information
Sandy loam to clay loam	Dark brown to black ,brown yellow	fertile rich in organic matter,ph should be normal	Balanced fertilizer doses ,cow dung.Needs regular balanced fertilizer crop rotation and mulching etc.	Maize &Vegetables	Walnut,Apple,Apricot,P lum,Cow,Buffalo,Sheep ,Goats Horse		Land is slopy.

Format :	11: Fruit Tree	s											
1	2	3	4	5	6	7		8	9	10	11	12	13
Plant	Scientific Name	Local Name	Variety	Habit	Landscape	Local	Local Status		Season of	Usage	Associated	Other Details	Community
Plain	Scientific Name	Local Maine	variety	пали	/Habitat	Past	Present	/ Plants	fruiting	Usage	ТК	markt / own use	/Knowledge Holder
Apple	Malus domestica, borkh	Saib	Red Delicious, Golden Delicious, Maharaji, American etc.	Tree, regular bearing	Temperate Hills	Rare	Plenty	Nurseries	Aug-Oct	Fruit, Economy Generation		Marketing, Own use	
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	Aug-Sep	Fruit, Economy Generation		Marketing, Own use	
Peach	Prunus persica(L) batsch	Aaroo	July Elberta, Quetta	Tree, regular bearing	Mid Hills	Rare	Rare	Nurseries	June-July	Fruit		Marketing, Own use	

Apricot	Prunus armeniaca	Khubani, Sadi	Local apricot, Bebco	Tree, regular bearing	Mid Hills	Plenty	Plenty	Nurseries	June-July	Fruit	Own Use	
Walnut	Juglans regia	Akhrot	Paper/Thin Shhelled, Hard & Medium Shelled	Tree, regular bearing	Temperate Hills	Plenty	Plenty	Nurseries& Locally raised	Sept-Oct	Dry-fruit, Economy generation	Marketing, Own use	

Format 12	: Medicinal Pla	ants (Herbs, Shru	bs, Trees et	с.)								
1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/	Source of	Locati	on Status	- Uses (usage)	Part used	Associated TK	Other details	Community
Flant Type	Local Maille	Scientific Ivanie	variety	Habitat	Plant/seeds	Past	Present	Uses (usage)	r ai t useu	Associated TK	market/own use	know Holders
Herb	Pyaz	Allium cepa	Local	Temperate	Cultivated	Available	Available	To cure cough and cold	Root	Used for cough and cold	Extract	Self-observation
Herb	Lahsun	Allium sativum	Local	Temperate	Cultivated	Available	Available	To cure wounds	Whole plant	Used for wounds	As such	Self-observation
Herb	Pudina	Menthe spicata	Local/wild	Temperate	Cultivated	Available	Available	To cure infections	Leaf	Used for infection	Medicated acupressure	Self-observation
Herb	Tamatar	Solarium lycopersium	Local	Temperate	Cultivated	Available	Available	To cure heart and kidney diseases	Fruit	Heart and kidney diseases	Fruit	Self-observation
Herb	Dhaniya	Coriandrum sativum	Local	Temperate	Cultivated	Available	Available	Used for loss of appetite, tooth aches	Seeds	Cure pain	Seeds	

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
Rose	Rose	Rosa sanctun	Red rose	Flowericulture deptt	Commercial		Ornamental	Not Known	
Teevand	Teevand	Viburnum grandiflorum	Forest	Flowericulture deptt	Non-Commercial		Ornamental	Not Known	
Tipushu	Tipushu	Digitalis purpurea	Forest	Flowericulture deptt	Non-Commercial		Ornamental	Not Known	
Lavender	Lavender	Lavandula angustifolia	Forest	Flowericulture deptt	Non-Commercial		Ornamental	Not Known	

Format 14: '	Timber Plants	s / Trees								
1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-	Other uses (multi)	Associated TK	Other details	Community/ Know
				Past	Present	garden				holder
Tree	Walnut	Juglans regia	Temperate	Least	plenty	Wild , home	Furniture, tooth cleaner		Unknown	
Tree	Banj	Quercus incana	Temperate	Plenty	plenty	Wild	Firewood		Unknown	
Tree	Apricot	Prunusar meniaca	Temperate	Least	plenty	Wild, home	Furniture, firewood		Unknown	
Tree	Peach	Prunus persica	temperate	Least	plenty	Wild, home	Firewood		Unknown	
Tree	Kharsoo	Quercus semicarpifolia	Temperate	Plenty	plenty	Wild	Firewood		Unknown	

Tree	Khau	Olea cuspidata	Temperate	Plenty	least	Wild	Firewood	Unknown	
Tree	Keth	Pyru spashia	Temperate	Plenty	least	Wild	Firewood	Unknown	

Format 15:	Domesticated	Animals										
1	2	3	4	5	6	5	7	8	9	10	11	12
	- 1N		Breed (local/		Method of	Local	Status			Commercial	Other details including	Community
Animal Type	Local Name	Scientific Name	hybrid)	Features	keeping	Past	Present	Uses	Associated TK	rearing	products and Services	Know.Holders
Cattle	Gai	Bos indicus	ND	Cow Yield	Backyard	Abdundant	Dereases	Dairy	NIL	No	Milk	All
	Gai	Bos laurus	CB Jersey	Dished Face	Backyard/ Commericial	Very Few	Increased	Dairy	NIL	NO	Milk	All
Buffalo —	Manj	Bubales buballss	Local	Low Yield	Backyard	Abdundant	Dereases	Dairy	NIL	NO	Milk	Gujjar Community
Dunuio	Bhains	Bubales buballss	Murrah	Black Cloured Body	Backyard	Very Few	Increased	Dairy	NIL	NO	Milk	All
Equine	Horse	Equus caballus	Local	HT Less than 9 hands	Backyard	Less No.	Very Few	Pack Purpose	NIL	NO	Pack	Bakerwal
Equine	Mule	0	Local	HT Less than 9 hands	Backyard	Less No.	Increased	Pack Purpose	NII	No	Local Carrying	All
	Kukarr	Galus domesticus	Local	Enrich Meat Flavour	Backyard	Abdundant	Dereases	Egg & Meat	NIL	NO	Egg & Meat	All
Poultry	Farmi Kukarr	Galus domesticus	Chabro	Good Eggar	Backyard	Abdundant	Increased	Egg & Meat	NIL	No	Egg & Meat	All
	Broiler	Galus domesticus	Hybrid	White In Colour	Deep Litter	Abdundant	Increased	Only Meat	NII	NO	Only Meat	All

Canine	Kuttar	Canis familaris	Local	ND	Stray	Abdundant	Abdubdant	Guarding Purpose	NIL	No	NIL	Non Specific
Feline	Balai	Felis catus	ND	Grey Coloured	Stray	Abdundant	Abdubdant	To Kill Rats	NIL	No	NIL	Non Specific
Cat	Billi	Felis Catus	Local	Grey colored	Pet	Abundant	Abundant	Nil	Nil	No	Nil	Nil
Sheep	Bhaed	Ovis aries	Local	Small size/ rough coat	Flock rearing	Plenty	Rare	Mutton, wool, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
	Bhaed	Ovis aries	Rambouillet cross	Large size/fine wool	Flock rearing	Rare	Plenty	Mutton, wool, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
Goat	Bakri	Capra hircus	Local	Small /less weight	Flock rearing	Plenty	Rare	Mutton, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads
	Bakri	Capra hircus	Kaghani (bakarwali)	Large size/ more weight	Flock rearing	Rare	Plenty	Mutton, manure	Nil	Yes	Mutton, wool, manure, hides	Locals, nomads

Format 16	: Culture Fisl	neries										
1	2	3	4	5	6		7		9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (Pond/Bheri/T	Local	status	Uses	Associated	Commercial	Other details	Community Know.
risii 1 ype		Scientific Maine	Variety	Features	alao)	Past	Present	0365	ТК	Rearing		Holders

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

Format 17: Mar	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					

Format 18:	Trees, Shru	ıbs, Herbs, Tu	bers, Grass	ses, Climbers	etc.						
1	2	3	4	5		6		8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Loca	l status	Commercial /	Part collected	Associated TK	Other details	Community Knowledge Holder
			muon		Past	Present	own use	Turt concellu			
Tree	Deodar	Cedrus deodara	Tree	Temperate	dense	Least	Commercial, own use	Whole for different uses		Roofing, furniture etc	Gh Hassan
Tree	Kail	Pinus wallichiana	Tree	Temperate	dense	Least dense	Commercial, own use	Whole for different uses		Roofing, furniture etc	Khalid hussain
Tree	Fir	Abies pindrow	Tree	Temperate	dense	Least dense	Commercial, own use	Whole for different uses		Roofing, furniture etc	Sant Ram
Tree	Spruce	Picea smithiana	Tree	Temperate	dense	Least dense	Commercial, own use	Whole for different uses		Roofing, furniture etc	Sant Ram
Herb	Patis	Aconitum heterophyllum	Plant	Temperate	Available	Available	Commercial, own use	Roots		It is an excellent tonic for combating ability after malarial and other fevers and diseases	Sant Ram

Plant	Bankakri	Podophyllum hexandrum	Plant	Temperate	Available	Available	Commercial, own use	Fruit	It has been found to be effective in controlling skin diseases and recently attracted attention for use in certain form of cancer
Herb	Banafsha	Viola ordorata	Herb	Temperate	Available	Available	Commercial, own use	Flower	Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles
Herb	Kuth	Saussurea lappa	Herb	Temperate	Available	Available	Commercial, own use	Root	It is said to be useful in cough, asthma and fever. It is also used to keep insects out of cloths
Climber	Kins	Dioscorea deltoidea	Climber	Temperate	Available	Available	Commercial, own use	Tuber	The tubers yield Diosgenin, which is used to synthesize sex hormones and Corisone, Cortisone is extensively and used in rheumatism and allergic conditions. Propagation of the species is though rhizome.

Herb	Dhoop	Jurinea spp.	Herb	Temperate	Available	Available	Commercial, own use	Root	The extract of the root is used as incense
Mushroom	Guchhies	Morchella spp.	Mushroom	Temperate	Available	Available	Commercial, own use	Whole plant	Used in medicines preparation
Herb	Sujanjado	Colchicum luteum	Herb	Temperate	Available	Available	Commercial, own use	Corm	The corms are traded and used in the treatment of gout. It is used in treatment of arthritis and diseases of liver and spleen.

Format 19: V	Vild Plant Species of In	portance		
1	2	3	4	5
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)
1	Akhroot	Juglans regia	wild	Economically important as farmer fetches good price, socially important for different cuisines, improves good cholesterol
2	Bhang	Cannabis sativa	wild	Commercial extraction banned, given to animals to improve their health
3	Wild Pomegranate	Punica grantum	wild	Used in making chutney
4	GuchiMashroom	Morchella esculenta	wild	Dried and sold which fetches Rs.10000-15000 per Kg Used in making pulao (cuisine), as aphrodisiac in medicine
5	Kasrod	Diplazium	wild	Used as vegetable, collected by locals and sold

6
Status
Extracted by farmers by along roadside of hilly areas of the district

1	2	3	4	5	6	i	7	8	9	10
					Local	Status			C Other details	Community knowledge
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK		Community knowledge holder

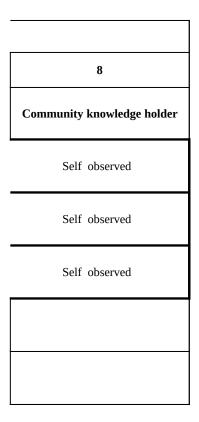
Format 2	Format 21: Wild Aquatic Plant Species of Importance											
1	2	3	4	5	6							
S.No.	Local Name	Scientific Name	Variety	Importance (economic,social,cultural etc.)	Trends							

1	2	3	4	5		6	7	8	9	10	11	
Plant(herb,	Local Name	Scientific Name	Variety	Landscape/	Local	status	Associated TK	uses	Part used	Other details	c.knowledge holde	
shrub,tree)		Scientific Name	v ar iety	habitat	Past	Present	Associated TK	uses	Faituseu	market/own use	c.knowledge holder	
Herb	Patis	Aconitum heterophyllum	Plant	Temperate	Available	Available	It is an excellent tonic for combating ability after malarial and other fevers and diseases	Roots				
Plant	Bankakri	Podophyllum hexandrum	plant	Temperate	Available	Available	It has been found to be effective in contolling skin diseases and recently attracted attention for use in certain form of cancer	Fruit				
Herb	Banafsha	Viola spp.	Herb	Temperate	Available	Available	Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles	Flower				
Herb	Kuth	Soussurea lappa	Herb	Temperate	Available	Available	It is said to be useful in cough, asthma and fever. It is also used to keep insects out of cloths	Root				

Climber	Kins	Dioscorea deltoidea	Climber	Temperate	Available	Available	The t yield Diosgenin, which is used to synthesize sex hormones and Corisone, Cortisone is extensively and used in rheumatism and allergic conditions. Propagation of the species is though rhizome.	Tuber		
Herb	Dhoop	Jurinea mancrocdephala	Herb	Temperate	Available	Available	The extract of the root is used as incense	Root		
Mushroom	Guchhies	Morchella spp	Mushroom	Temperate	Available	Available	Used in medicines prepration	Whole plant		
Herb	Sujanjado	colchicum luteum	Herb	Temperate	Available	available	Th corms are traded and used in the treatment of gout. It is used in treatment of arthritis and diseases of liver and spleen.	Corm		

1	2	3	4	5	5	6	7	8	9	10
Local	Scientific	Associated crop	Landscape / Habitat	Local Status		Uses	Part	Associated	Other details	Community / Kno
Name	Name	Associated crop		Past	Present	(usage)	Used	ТК	Other details	holder
Desi ber	Ziziphus mauritiana	Ber	Temperate	Available	As fruit	Fruit	-		Farming Community of the area	

ormat 24: Orna	mental Plants					
1	2	3	4	5	6	7
Local Name	Scientific Name	Variety	Habitat	Commercial/non-commercial uses	Associated Tk	Any other detail
Teevand	Viburnum grandiflorum	Forest	Temperate	Non commercial	Ornamental	Not Known
Tilpushu	Digitalis purpurea	Forest	Temperate	Non commercial	Ornamental	Not Known
Lavender	Lavandula angustifolia	Forest	Temperate	Commercial	Ornamental	Not Known



Format 25: I	Fumigate / Ch	ewing Plants									
1	2	3	4	5		6	7	8	9	10	11
Plant (herb,shrub,Tr	Local Name	Scientific Name	Variety	Habitat	Loca	l status	uses	Part used	Ass.TK	Other details	Community
ee)	Local Manie	Scientific Manie	Variety	Habitat	Past	Present	uses	I di t uscu	A35.11X	Other details	knowledge holder

Format 26: T	imber Plants							
1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local S	Status	Other uses, if any	Associated Tk	Any other detail	Community knowledge
	Scientific Maine	Παυπαι	Past Present		Other uses, if any	Associated 1 K	Any other detail	holder
Chir	Pinus roxburghii	Temperate	Forest , temperate	Dense	Less dense	Firewood	Unknown	Generally, held by community
Deodar	Cedrus deodar	Temperate	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observed
Kail	Pinus wallichiana	Temperate	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observed
Fir	Abies pindrow	Temperate	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observed
Spruce	Abies densa	Temperate	Forest , temperate	Dense	Less dense	Commercial, own use	Furniture, roofing	Self observed

1	2	3	4		5	6	7	8	9	10
Diant Tune	Local Name	Scientific Name	Habitat	Local	Status	Parts Collected	Commercial Uses	Other Uses	Associated TK	Community/ Knowledge Holder
Plant Type	Local Maille	Scientific Marie	Πάθιται	Past	Present	(if any)	(if any)	Ouler Uses	Associated TK	Holder

Format 27	B: Coastal and	Marine Fauna								
1	2	3	4	Ę	5	6	7	8	9	10
Animal Type	Local Name	Scientific Name	Habitat	Local	Local Status		Commercial Uses	Other Uses	Associated TK	Community/ Knowledge Holder
Annia Type	Local Maine	Scientific Maine	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Holder

1	2	3	4	5	6		7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when	Local	status	- uses if any	Ass. TK	Mode of	Other details	Community/
Animal Type	Local Name	Scientific Name	Haditat	Description	seen	Past	Present	- uses if any	Ass. IK	hunting	Other details	Knowledge Holder
Mammal Carnivore	Chitra	Panthera pardus	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	Self-observed
Mammal	Reech	Selenarctost hibetanus	Forest		Summer season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	GhorBla	Felis bengalensis	Forest		All season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mamal	Jungle bili	Felis chaus	Forest		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	shal	Herpetes auropunctatus	Forest		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	Gidh	Cains aureseus	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	Fakal	Vulpes vulpes	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Mammal	Dink	Martes foina	Forest		summer	Available	Less	No		Prohibited	Maintains forest ecosystem	
Rodent	Navel	Lepus nigricollis	Forest		All time	Available	Less	No		Prohibited	Maintains forest ecosystem	

Bird	Titar	Frabcikuby sfrancolinus	Forest	Not available	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Chakor	Alectoris graeca	Forest	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Ghugi	Strepto peliadecaocto	Forest	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Iel	Gyps himayensis	Forest	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Khukhow	Clamator jacabinu	Forest	Spring season	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	DhikCharak	Picus cholorolophus	Forest	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Bird	Kova	Corvus smacrorhynchos	Forest	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Snake	Surf /sap	Serpentes	Forest /water	All time	Available	Less	No		Prohibited	Maintains forest ecosystem	
Fishes	Machli	Himaliyan trout	water	All time	Available	Available	No		Prohibited	Maintains forest ecosystem	
Reptiles	Himalayan bent toad Gecko	Cyrtodactylus himalayanus	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Reptiles	Lawder's bent toad gecko	Cyrtodactyluslawderanus	Forest/village	All season	Common	Common		Unknown			Generally, held by community
Reptiles	Baltistan gecko	Altiphylax stoliczkai	Forest/village	All season	Common	Common		Unknown			Generally, held by community

Reptiles	Thin toad gecko	Cyrtopodion montiumsalsorum	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Kashmir rock agama	Laudakia tuberculata	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Himalayan Agama	Paralaudakia himalayana	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Oriental garden lizard	Calotescf. versicolor	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Theobald's toad- headed agama	Phrynocephalus theobaldi	Forest/village	All season	Common	Common	Unknown		Generally, held by community
Reptiles	Ladakh ground skink	Asymblepharus ladacensis	Forest/village	All season	Common	Common	Unknown		Generally, held by community

	Format 29:	Flora		URBAN	BIODIVERSITY	
1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare / Common etc.)

Format 30	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	Leopard	Panthera pardus	Mammals	Forest/village	Rare			
2	The Indian Fox	Vulpes bengalensis	Mammals	Forest/village	Rare			
3	Five Stripped Palm Squirrel	Funambulus Penanti	Mammals	Forest/village	Rare			
4	Slaty-headed parakeet	Psittacula himalayana	Birds	Forest/village	Common			
5	Snow patridge	Larwa lerwa	Birds	Forest	Rare			
6	Spotted dove	Stigmatopelia chinensis	Birds	Forest/village	Common			
7	The Indian Field Mouse	Mus booduga	Mammals	Forest/village	Rare			
8	The Rhesus Macaque	Macaca mulatta	Mammals	Forest/village	Rare			
9	Blue rock pigeon	Columba livia	Birds	Forest/village	Common			
10	Blue whistiling thrush	Myophonus caeruleus	Birds	Forest/village	Common			
11	Cinamon tree sparrow	Passer rutilans	Birds	Forest/village	Common			

12	Common kingfisher	Alcedo atthis	Birds	Forest/village	Common
13	Swallow	Hirundo rustica	Birds	Forest/village	Common
14	Swift	Apus apus	Birds	Forest/village	Common
15	White breasted kingfisher	Halcyon omyrnensis	Birds	Forest/village	Common
16	White throated tit	Aegithalos leucogenys	Birds	Forest/village	Rare
17	Common skittering frog	Euphlyctiscyanophlyctis	Amphibians	Forest/village	Common
18	Indian Bull frog	Hoplobatrachustigerinus	Amphibians	Forest/village	Common

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

End of Part II