Peoples' Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti: GUNTHAL UPPER
Taluk/Tehsil: Surankote
District: Poonch
State/UT: Jammu And Kashmir
Geographical Area of the pancahayt Samiti: 4:3
Population Of the Panchayat samitiTotal 2500
Male= 1500 Female = 1000
Habitat and Topography: Hilly area
Climate (Rainfall, Temperature and other weather patterns): Hilly area
Land Use (Nine fold classification available with village records): Cold weather, Moderate rainfall.

Date, Month and Year of PBR preparation: 29 - 09 2021

Annexure 1

anagement Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to be wome

n: Mohd. Azam

Annexure-2

List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village
1) Name : Mohd. Iqbal
Age: 55 years
GENDER: Male
Address: Gunthl upper
Area of specialization: Forestry
Location from which the person accesses biological material: local/non local
Perception of the practitioner on the resource status:less local resources availble
Medicinal Use:

Annexure 3
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name : Mohd Javid khan
Age: 62 years
Gender: Male
Address: Gunthal upper
Area of specialization:Agriculture
2) Name : Mohd. Rafiq
Age: 62 years
Gender: Male
Address: Gunthal upper
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

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-1 Crop plants

1	2	3	4	5	6	2	7	8	9	10	11	12	13
Gron	Scientific name	Local name	Variety	Landscape/	Approx. area	Local	status		Cropping	Uses	Associated TK	Other details	Source of
Сгор	Scientific name	Local name	v ariety	Habitat	sown	Past	Present	- Special features	season	Uses			seed/plants
Mustard	Brassica Juneea	Sarsoon	Pusa bold, Gobi Sarson, KOS-1			Normal	Normal	Matures in 145- 150 days with 40-42% oil content	Rabi	Source of energy	Vegetable oil extracted from seeds used in cooking	-	Seeds / Natural
Paddy	Oryza sativa	Chawal	K-39, K-343, G - 14			Plenty	Plenty	Medium Height resistant	Kharif	Food/ Fodder	Stapple food		Seeds
maize	Zea mays	Makk	Rasi 4794 , KH 612, DD			Plenty	Plenty	HYV, resistant to drought any lodging	Kharif	Food / Fodder	Stapple food		Seeds/ Natural
wheat	Triticum aestivum	kanak	Raj 3765, HD 2967, Hd 3086			Plenty	Plenty	HYV short- duration	Rabi	Food Fodder	Stapple food		Seeds
Beans	Phaseolus vulgaris	Rajmash	Local			Rare	Normal	Medium yielding	Kharif	Source of energy	Preferred food for parties		Natural

Potato	Solanum Tuberosum	Aalo	Kufri, Sindhuri, Kufri Jyoti		Normal	Normal	Tubers are round, creaminsh ovoid	Kharif	Vegetables	High carbohydrate	Natural
Bringal	Solanum Melongena	Bangun	PPL, PPC, PM4f, BR 112		Normal	Normal	Green veg	Kharif	Vegetables	Green veg	Seeds
Veg	Lagenaria siceraria	Kaddu	PSPL, Punjab, Kamal		Normal	Normal	Green veg	Kharif	Vegetables	Green veg	Seeds

14
Commuunity/ Knowledge holder
Farmers
Farmers
community
Farmers
Farmers

Farmers
Farmers
Knowledge holder

					Forma	nt 2: Fruit	Plants					
1	2	3	4	5		6	7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape /	Local	Status	Source of	Season of	Associated TK	Uses	Other details market /	Community /
Flant	Scientific Name	Local Name	variety	Habitat	Past Present		Seeds/Plants	Fruiting	Associated 1 K	Uses	own use	Knowledge holder
Woody Tree	Ctrus limon	Galgal	Local	Sub-tropical	Plenty	Plenty	Nurseries	Throughout the year	-	Fruit, Picklilng	Marketing , own use	Knowledge holder
Vine	Vitis Vinifera	Angoor	Local Wild, Perlette	Sub-tropical/ Mid hills	Plenty	Plenty	Nurseries	July - Aug	-	Fruit	Marketing , own use	Farmers
Woody Tree	Punica granatum	Anar	Local, Ganesh, Kandhari,	Sub-tropical/ Mid hills	Rare	Rare	Nurseries , locally raised	May- Aug	-	Fruits	Own use	Farmers
Tree	Citrusauran tifolia	Nimbu	Local	Sub-tropical/ Mid hills	Plenty	Plenty	Nurseries	Throughout the year	-	Fruit, Picklilng	Marketing , own use	Knowledge holder

				Form	at-3 Fodder	Crops and Species	S			
1	2	3	4		5	6	7	8	9	10
Plant	Scientific	Local	Landssons / Usbitat	Loca	Status	Source of Plants /	Associated	Part	Other details	Community /
riant	Name	Name	Landscape / Habitat	Past	Present	Seeds	ТК	Used	Other details	Knowledge holder
OATS	Khandiyaal	Avina Sativa	Hilly, Temperate & areas of district	varieties		Seed selected from previous yr. crop, deptt. of agri	Nutritious and palatable fodder	Grain for seed purpose, Green/ dry fodder	Suitable for fodder	Farmer
BARSEEM	Shatalla	Trifolium alexandrium	Irrigated area of the district	Local varieties	Improved varieties	Seed selected from previous yr. crop, deptt. of agri	Nutritious and palatable fodder	Green fodder for cattle	Suitable for fodder	Farmer
BAJRA	Bajra	Pennisetum glaucum	Hilly, Temperate & areas of district	Local varieties	Improved varieties	Seed selected from previous yr. crop, deptt. of agri	Nutritious & Source of energy	Green/ dry fodder	Suitable for fodder	Farmer
SORGHUM	Chari	Sorghum bicolor	Hilly, Temperate & areas of district	Local varieties	Improved varieties	Agriculttural Deptt. / Local	Nutritious and palatable fodder		Suitable for fodder	Farmer
Herb	Thoom	Allium Sativum	Sub-tropical	Local	Local	Agriculttural Deptt. / Local	Medicinal values	Clove	Spices use	Farmer
Herb	Hing	Ferula asafoetida	Sub-tropical/ Mid hills	Local	Local	Local	Nutritious	Leaves	Spices use	Farmer
Oats	Javi	Avena sativa	Subtropical/ Intermediate	Rare	Rare	Agriculttural Deptt. / Local	Nutritious and palatable fodder	Whole plant	Suitable for fodder	Farmer

					For	rmat-4 Weed	S					
1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Loca	l Status	Uses if anv	Management	Associated TK	Other details	Community / Knowledge
riant	Scientific Name	Local Name	Anected crop	Impact	Lanuscape / Habitat	Past	Present	Uses II any	options	Associated TK	like exotic	holder
MAIZE	Chenopodium album	Bathua	Maize	Compete with crops	Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers	Used as vegetable	Mannual control/ Chemical mgmt. through herbicides	nil	nil	No TK associated with knowledge of weed
	Avena spp	Jungali Jari	Wheat		Hilly, Temperate & intermediate areas of district	Plenty	Plenty	-	Mannual control/ Chemical mgmt. through herbicides	Source for high quality protein	Local	Farmers
WHEAT	Phalaris minor	Sitti		Compete with crops	Hilly, Temperate & intermediate ar of district	Plenty	Plenty	-	Mannual control/ Chemical mgmt. through herbicides	Source for high quality protein	Local	Farmers
	Parthenimum hysterophorous	Jhadii	All crops	Compete with crops	Hilly, Temperate & intermediate areas of district	No weed mgmt.	Weed mgmt. on scientific lines being followed by farmers	-	Mannual control/ Chemical mgmt. through herbicides	Exotic	Exotic	No TK associated with knowledge of weed
All crop	Rumex crispus	Jangali palak	All crops	Reduce crop productivity	Hilly, Temperate & intermediate ar of distt	No weed mgmt.	Weed mgmt. on followed by farmers	Used as vegetable	Mannual control/ Chem. mgmt. herbicides	nil	nil	No TK associated with knowledge of weed

					Format-5 Pe	sts 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
RICE	Yellow Stem Borer	Sciropophagai Incertulas		Paddy field	August to September	• Clipping of tip of seedlings before transplanting to eliminate egg masses.	nil	nil	Farmers
						 Need base application of triazophos or quinaphos 			
		Hieroglyphus			June to	· Trimming the bunds			
	Rice Grasshopper	banian	Tridhaa	Paddy Field	September	• Dusting of carbaryl 5% or malathion 5% @ rs. 25 kg /hac	nil	nil	Nil
Wheat	Termite	Microtermes obesi	Seenak	wheat Fields	During dry season	Chemical Mangaement through insecticide	Nil	Nil	Nil

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

	Format 7: Peoplescape											
	1	2	3	4	5	6	7	8	9	10	11	
Ca	mmunity & Population	Families & Major occupation	Sub- occupation	Sub - Landscapes	Feature s and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	
	Muslims - 2500	300 - Agriculture	Agriculture									

					Fo	ormat-8 Lanc	lscape						
	1		2	3	4	5	6	7	8	9	10	11	12
N	lajor Landscape	25		Features and			General	User	Management	General	Associated	Other	Community
Agricultural land	Pond	Fallow Land	Sub - Landscapes	approx. Area	Ownership	General flora	fauna	groups	practices	uses	TK	details	accessed
Cultivated Land	Not Applicable	Not Applicable	Cultivated Land		Agricultural Land are Privately owned	Fodder and Crop Plants	Insects,Snakes, Dogs,Fox,Jackels etc	Nil	Nil	Nil		Nil	Low-Income community
Non-Cultivated Land	Not Applicable	Not Applicable	Non-Cultivated Land		Govt./Private	Wild plants and Fodder Plants	Insects,Snakes, Dogs, Fox, Jackels etc	Nil	Nil	Nil		Nil	Low-Income community

					Format-	9 Waterscaj	pe					
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
Streams		Recharge ground										
Rivers		Huge hydro-electric potential	State & Forest	Algae, snakes		Irrigation						Local
Ponds		Habitat for flora & fauna		Turtle, Frog								
Nallas	Nallas	Originates from the foothills of Mountains	Govt. and Panchayat	Frog,Tadpoles, Fishes,Water, Water Snakes, Crabs etc	Wild and Aquatic Plants	Irrigation	Farmers		For Irrigation and Drinking of Domesticated animals and Wild Animals	Nil	Nil	Local Villagers

			Format-10 Soil T	уре									
1	2	3	4	5	6	7	8						
Soil Type	Soil Type Color & texture Features Soil Management Plants / Crop Suitable Flora and Fauna Associate TK Other Information												
Clay	Brown & soft	Less acidic	Normal	Oak, Rein	-	-	-						
Sandy	Grey & rough	Less acidic	Normal	Bankhori	Oak / Rein								

	Format-11 Fruit Trees												
1	2	3	4	6		7	8	9	10	11	12	13	
Diant Truna	Local	Scientific Name	Variate	Landscape/	Local	Status	Source of	Season of	Uses (uses)	Associated TV	Other details	Community/	
Plant Type	Name	Scientific Name	Variety	Habitat	Past	Present	plant/seeds	Fruiting	Uses (usage)	Associated TK	market/own use	Know. holder	
Apple	Seb	Malus domestica	Red delicious	Low land velley	Available	Available	Local preserve	Jun-July	Rich source of iron & fibre	Rich source of iron & fibre		Knowledge holder	
Apricot	Khobani	Prunus armenica	Beboco char magaz	Low land velley	Available	Available	Local preserve	March April	Rich source of iron & fibre	Rich source of iron & fibre		Community	
Plum	Plum	Prunus subg prunus	Local	Low land velley	Available	Available	Local preserve	April May	Rich source of iron & fibre	Rich source of iron & fibre		Farmers/ Community	
Grapes	Angoor	Vitis vinifera	Local / Hybrid	-do-	Plenty	Plenty	Local preserved	Aug-Sept	Nutritious value	Provides more energy		Farmers/ Community	
Wall nut	Akhroot	Junglans regia	kagazi	Low land velley	Available	Available	Natural	Sept. Oct	Rich in oil mineral & vit.	Rich in oil mineral & vit.		Farmers	

	Format-12 Medicinal Plants (Herb, Shrubs, Trees etc.)												
1	2	3	4	5	6	,	7	8	9	10	11	12	
				Landscape/	Source of	Local	status			Associated	Other details	Community/	
Plant Type	Local Name	Scientific Name	Variety	Habitat	plant/seeds	Past	Present	Uses (usage)	Part used	TK	market/own use	Know. Holders	
Shrubs	Trimuru	Zanthoxylum aurmatum	Local	Sub-tropical	Seed	Abundant	Abundant	Good for Cleaning Teeths.	Stem / Seed	N.A	N.A	Community	
Shrubs	Kiker	Acacia Nilotica	Local	Mid Hills	Natural	Common	Common	Leaves and bark extract is used to cure sore throat	leaves			Community	
Trees	Bankhori	Aesculus Indica	Local	Mid Hills	Natural	Common	Common	Leaves are used to cure chest diseases of horses etc.	Leaves			Community	
Herb	Piyaz	Allium cepa	Local	Sub-tropical	Seeds	Common	Common	Act as stimulant , diuretic and expectorant	Bulb, Leaves			Community	
Herb	Chleri	Amaranthus Spinosus	Local	Sub-tropical/ Midhills	Natural/ Seeds	Common	Common	Mixture of leaves is used against piles and wounds	Leaves			Farmer	
	Rein	Quercus oblongata	Local	Hilly areas	Natural	Common	Common	Corn and bark is used against indigestion, diarrohea				Community	
	Guchi	Morchella vulgaris	Local	Mid Hills/ Low land hills	Natural	Common	Common	Plant juice extract is used against headache & fever				Community	

			Forma	t 13: Ornamer	ntal Plants/ Tree	s/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	Harduli	Rhododendron arboreum	Natural	Natural	Non-Commercial	Prevention of diseases like fever, Constipation etc	-	-	Community/ Know. holder
Climber	Phulwari	Rosa acicularis	Natural	Natural	Non-Commercial	-	-	-	Farmers
Shrubs	Kucch	Viburnum Grandiflorum	Natural	Natural	Non-Commercial	Bark used against malaria	-	-	Community/ Farmers
Shrubs	Rose	Rosa indica	Local	Cutting	Commercial	Decoration	-	-	Farmers/ Knowledge holders

	Format-14 Timber Plants/Trees											
1	2	3	4	5	5	6	7	8	9	10		
Plant Type	Local Name	Scientific Name	Habitat	Local	status	Wild/ home-	Other	Associated TK	Other details	Community/		
	Local Pullic		monut	Past	Present	garden	uses (multi)			Know. holder		
Tree	Ban Khor	Aesculus indica	Forest	Good	Good	Wild	Fuel	Nill	Farmers			
Tree	Popular	Populus deltoides	Forest	Good	Good	Wild	Fuel	Nill	Community			
Tree	Besa	Salix Alba	Forest	Good	Common	Wild	Fuel	Nill	Farmers/ Community			

	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	Local	Stauts	Uses	Associated TK	Commercial	Other details	Community		
Annuartype		Sciencine Maine	breed(Local Hybrid)	reatures	keeping	Past	Present	0303	Associated TR	Rearing	Other details	know holders		
Small ruminants	Poultry Sheep	Ovis aries	Cross breed , bakarwali , kagni,	Palled ewes horned rams V-Shaped ose	Conventional	Sufficient	Sufficient	Mutton, chevon,	Lohi, Namda	No		Yes		
	Goat	Capra Aegagrus	beetal poonchi	rams V-Shaped ose dropping ear study	Conventional	Sumeent	Sumeent	Milk Wool	Loni, Nanda	110		103		
Cattle	Ghan	Bos indicus	ND	Low yield	Backyard	Abdundant	Decreased	Dairy	Nil	No	Milk	All		
Cattle	Jersey Ghan	Bos iaurus	CB Jersey	Dished Face	Backyard/ Commrcial	Very few	Increased	Dairy	Nil	Yes	Milk	All		
	Manj	Bubales bubalis	Local	Low yield	Backyard	Abdundant	Decreased	Dairy	Nil	No	Milk	Gujjar Community		
Buffalo	Punjabi Mais	Bubales bubalis	Murrah	Black coloured Body	Backyard	Very few	Increased	Dairy	Nil	Yes	Milk	All		
Horse	Ghora	Equus caballus	Local	Red cloured Body	Backyard	Abdundant	Decreased	Pack Purpose	Nil	No	Pack	Bakerwal		
Poultry	Kukarr	Galus domesticus	Local	Enriched Meat Flavour	Backyard	Abdundant	Decreased	Egg and Meat	Nil	No	Egg and Meat	All		

Dog	Kutta	Canis familaris	Local	Nil	Stray	Abdundant	Abdundant	Nil	Nil	No	No	Stray

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	Local status		Local status		Local status		Local status		Local status		Local status		Local status		Local status		Uses	Associated TK	Commercial	Other	Community Know.
risii 1 ype		Scientific (Value	v ar lety	Features	(pond/bheri/talao)	Past	Present	USES		rearing	details	Holders														
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil														

	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					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil					

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	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 /	Part collected	Associated TK	Other details	Community		
	Local Maine		Habit	mantat	Past	Present	own use	T ar t concetteu		other uctains	Knowledge Holder		
Trees	Bair	Ziziphus xylocarpa	Trees	Sub-Tropical	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community		
Trees	Fagwara	Ficus palmata	Trees	Sub-Tropical	Abundant	Abundant	own	Leaves/Fruit	nil	nil	Generally, held by community		
Trees	Kainth	Pyrus paschia	Trees	Sub-Tropical	Rare	Rare	own	Leaves	nil	nil	Generally, held by community		
Trees	Rein	Quercus Indica	Trees	Forest	Rare	Common	own	Leaves/ wood	nil	nil	Generally, held by community		
Trees	Mannu	Ulmus wallichiana		Local	Rare	Rare	own	Leaves/ wood	nil	nil	Community		
Shrubs	Kucch	Viburnum Grandiflorum		Forest	Rare	Average	own	Leaves	nil	nil	Community		
Herbs	Banfsha	Viola odorata	Herbs	Sub-Tropical	Abundant	Abundant	own	Flower	nil	nil	Generally, held by community		

	Format-19 Wild Plant Species of Importance												
1	2	3	4	5	6								
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status								
1	Phulwari	Rosa acicularis	Mid hills	Ornamental uses	Common								
2	Akhrot	Juglans regia	Wild	Economic and social	Common								
3	Bhang	Cannabis sativa	Wild	Economic , social cultural	Common								
4	Simlu	Berberis lyceum	Wild	Economic, furnitures, fuels etc	Common								
5	Jungali anar	Punica granatum	Wild	Economic and social	Common								
6	Dhaman	Grewia optiva	Wild	Economic and social	Rare								
7	Kail	Pinus wallichiana	Wild	Economic, social & medicinal values, timber etc	Rare								

	Format-20 Aquatic Biodiversity												
1	2	3	4	5		6	7	8	9	10			
					Local	Status				Community/			
Local Name	Scientific Name	Variety	Features	Habitat	Past	Present	Uses	Associated TK	Other details	Knowledge Holder			
Swal	Volvox tertios	Local		Aquatic	Rare	Common	Photosynthesis						
Jungli putna	Mentha arvensis	Wild	Aromatic	Aquatic	Common	Rare	Medicinal use						

	Format 21: Wild Aquatic Plant Species of Importance												
1	2	3	4	5	6								
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends								
1	Besa	Salix Alba	Local	Timber as well as medicinal purpose	Common								
2	Cho	Nasturtium officinale	Wild aquatic	Used as vegetable as well as medicinal purpose	Common								
3	Bach	Acorus calamus	Wild aquatic	Used in medicine	Rare								

	Format-22 Wild Plants of Medicinal Importance												
1	2	3	4	5		6	7	8	9	10	11		
Plant (Herb,				Landscape /	Local	Status				Other details	Community/		
Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Past	Present	Associated TK	Uses (usage)	Part used	market/ own use	Knowledge Holder		
Herb	Patrees	Aconitum heterophyllum	Herb					It is an excellent tonic for combating ability after malarial & other fevers & diseases	Roots		Knowledge holder		
Herb	Banafsha	Viola Oderata	Herb					Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble	Flower		community		
Herb	Kuth	Soussurea lappa	Herb					Used in treatment of cough, asthma & fever.	Root		Farmer/ Knowledge holder		
Climber	Dioscorea	Dioscorea deltoidea	Climber					The tubers yield diosgenin, which is used to synthesize sex hormones.	Tuber		Farmer		
Shrub	Simlu	Berberis lyceum	Shrub					It is an excellent tonic for combating ability after malarial & other fevers & diseases	Fruit, roots		Community		
Shrub	Harduli	Rhododendron arboreum	Shrub					Used as medicinal treatment of many diseases			Farmer/ Knowledge holder		
Tree	Kenthi	Indigofera heterantha	Tree					Leaves are chewed against toothache					

	Format-23 Wild Relatives of Crops												
1	2	3	4	ť	5	6	7	8	9	10			
Local	Scientific	Associated crop	Landscape /	Local	Status	Uses	Part	Associated	Other details	Community /			
Name	Name		Habitat	Past	Present	(usage)	Used	ТК		Know holder			
Makk	Zea mays	Beans	Terrestrial	Good	Good	As food	Grain	-	-	Gujjar			
Akhrot	Juglans regia	Grasses	Terrestrial	Good	Good	As food	Fruit	-	-	Pahari			
Potato	Solanum Tuberosum	Beans	Terrestrial	Good	Good	As food	Rhizome	-	-	Kashmiri			
Beans	Phaseolus vulgaris	Maize	Terrestrial	Good	Good	As food	Fruit	-	-	Community / Know holder			
Jungli putna	Mentha arvensis	Putna	Along the nallah	Rare	Rare	Medicinal use	Leaves	Medicinal Properties		Generally, held by community			
Oats	Avena sativa	Cereal grain	Terrestrial	Good	Good	As food	Grain	-					

	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					
Harduli	Rhododendron arboreum	Natural	Forest	Non-commercial	N.A	N.A	Knowledge holder					
Phulwari	Rosa acicularis	Natural	Forest	Non-commercial	N.A	N.A	Community					
Kucch	Viburnum Grandiflorum	Natural	Forest	Non-commercial	N.A	N.A	Farmers / Community					
Gulab	Rosa indica	Local	Local	Commercial	N.A	N.A	Farmers/ Knowledge holder					
Gandera	Nerium oleander	Natural	Forest	Non-commercial	N.A	N.A	Knowledge holder					

	Format-25 Fumigate/Chewing Plants												
1	2	3	4	5	(6	7	8	9	10	11		
Plant (Herb,	Local	Scientific	Variety	Habitat	Local	Status	Uses	Part used	Associated	Other details	Community knowledge		
Shrub, Tree)	Name	Name			Past	Present	(usage)		ТК	(mode of use)	holder		
Shrub	Phulwari	Rosa acicularis		Dry land	Good	Good	Medicinal purpose	Flowers			Pahari		
Herb	Jungli Pudina	Mentha arvensis L		Mist place	Good	Good	Medicinal purpose	Leaves			Gujjar		
Shrub	T-i	Zanthoxylum		Forest	Rare	Deer	use for teeth Cleaning/	Estit Deschoo			Generally, held		
Shrub	Trimuru	aurmatum		Forest	Kare	Rare	Medicinal Purpose	Fruit, Branches			by community		
Shrub	Bana	Vitex negundo		Locally present	Rare	Rare	use for teeth Cleaning	Branches	-	-	Generally, held by community		

	Format-26 Timber Plants												
1	2	3	2	4	5	6	7	8					
Local Name	Scientific Name	Habitat	Local	Status	Other Uses, if any	Associated TK	Other Details	Community/					
	Scentific Ivanie	Past Present Other Uses, if any Associated TK		Associated TK	Other Details	Knowledge Holder							
Chir	Pinus roxburghii	Forest	Rare	Rare	Roofing, furniture etc.	Whole for different uses	-	Knowledge holder					
Rein	Quercus incana	Forest	Moderate	Moderate	Roofing, furniture etc.	Whole for different uses	-	Community/ Knowledge Holder					
Chikri	Buxus Wallichiana	Forest	Good	Good	Fodder, Fuel	Whole for different uses	-	Community/ Knowledge Holder					

	Format-27 A. Coastal and Marine Flora											
				Local S	tatus	Parts Collected	Commercial Uses					
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	(if any)	(if any)	Other Uses	Associated TK	Community/ Knowledge Holder		

Format-27 B. Coastal and Marine Fauna											
Animal Type Local N	Local Name	Scientific Name	Habitat	Local	Status	Parts Collected (if any)	Commercial Uses (if any)	Other Uses	Associated TK	Community/ Knowledge Holder	
				Past	Present						

		For	nat - 28. Wil	d Animals (I	Mammals, Bi	rds, Reptil	es, Amphi	bians, Insec	ets, others)			
1	2	3	4	5	6		7		9	10	11	12
					Season when	Local	Status			TK Mode of Hunting, collecting (if any)		Community/
Animal Type	Local Name	Scientific Name	Habitat	Description	seen	Past	Present	Uses (if any)	Associated TK		Other details	Knowledge Holder
Mammal	Leopard	Panther pardus	Forest		All seasons	Rare	Rare		Prohibited		Maintains forest ecosystem	Community
Mammal	Bear	Ursus arctos	Forest		All seasons	Good	Good		Prohibited		Maintains forest ecosystem	Community knowledge holder
	Owl	Strigiformes	Forest		All seasons	Good	Good		Prohibited			Community knowledge holder
	Eagle	Haliaeetus leucocephalus	Forest		All seasons	Good	Good		Prohibited			Farmers/ Community
Bird	House crow	Corvus splendens	Forest		All seasons	Good	Good		Prohibited		Maintains forest ecosystem	

	Snake	Serpentes	Forest	All seasons	Good	Good			
Bird	Koel	Eudynamys scolopaceas	Forest	All seasons	Good	Good	Prohibited	Maintains forest ecosystem	Farmers/ Community
	House fly	Musa domestica	Local	All seasons	Good	Good			Farmers

	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	Ban Khor	Aesculus indica	Tree	Sub-Tropical	April - May	Common							
2	Kiker	Acacia nilotica	Tree	Sub-Tropical	May-July	Common							
3	Akhrot	Juglans regia	Tree	Sub-Tropical	July- Sept	Common							
4	Besa	Salix Alba	Tree	Sub-Tropical	July- Oct	Common							
5	Ghass	Trifolioum alexandrinum	Herb	Sub-Tropical	Aug-Sept	Common							
6	Guchi	Morchella vulgaris	Herb	Mid hills	June-Aug	Common							
7	Chir	Pinus roxburghii	Tree	Sub-Tropical	Aug-Oct	Common							
8	Popular	Populus deltoides	Tree	Forest	Sept- Nov	Common							
9	Bhang	Cannabis sativa	Herb	Forest	July - Sept	Common							

	Format 31: Any other information of local importance									
Sr. No.	Information of local importance	Remarks								

	Format 30: Fauna											
1	2	3	4	5	6							
S. No.	Local Name	Scientific Name	Type of Animals (Mammals/ Birds/ Fish/ Insect etc.)	Habitat	Remarks (Rare/ Common etc.)							
1	Ged	Canis aureus	Mammals	Forest	Common							
2	Goat	Capra aegagrus	Mammals	Forest	Common							
3	Tulva	Tatera indica	Pest	Agricultural field	Common							
4	Ghai	bos taurus	Mammals	Local	Common							
5	Manj	Bubalus bubalis	Mammals	Local	Common							
6	Kutta	Canis familiares	Mammals	Local	Common							
7	Kukar	Golus domestics	Birds	Local	Common							
8												
9												
10												
11												