Peoples Biodiversity Register

Name of Panchayat Samity			Bari Darhal A
Talika			Darhal
District			Rajouri
State			J&K
Geographic Area of the Panchayat Samity			2441.40 ACRES
Population under Panchayat Samity Total			2179 + 900=3079
Male	1407	Female	772+300
Habitat and topography			Hilly
Climate			Moderate
Land use			Agriculture
date month year of PBR preparation			Dec, 2019
Management regime			

Details of Bio diversity committee (BMC)

Name	Age	Gender	Address	Area of Specilization
Zaubida Begum W /o Abdul Qayoom	50	F	Bari Darhal A	Agriculture/ Horticulture
Mohd Shakeel s/o Ghulam Hussain	37	М	Bari Darhal A	Agriculture/ Horticulture
Robina Kosser w/o Mohd Raiz	33	F	Bari Darhal A	Agriculture/ Horticulture
Mohd Bashir S/o Abdullah	65	М	Bari Darhal A	Agriculture/ Horticulture
Ahsan Ul Samad S/o Mohd Shabir	27	М	Bari Darhal A	Agriculture/ Horticulture
Naseem Akhter w/O Mohd Sadiq s/o	39	М	Bari Darhal A	Agriculture/ Horticulture
Mohd. Qasim	40	М	Bari Darhal A	Agriculture/ Horticulture

	List of Vaids Hakims and Traditional Health care (Humans and Live stock)												
Name	Age	Gender	Address	Area of sp									

List of individuals perceived/possing Traditional Knowledge related to Agicultute/Fishries/Forestry

Name	Age	Gender	Address	Area of sp
Javaid Hussain	50	Male	Darhal	Agriculture/ Horticulture
Mohd Javaid	33	Male	Darhal	Agriculture/ Horticulture
Mohd Raiz	40	Male	Darhal	Agriculture/ Horticulture
Mohd. Shabir	32	Male	Darhal	Agriculture/ Horticulture
Mohd. Alam	65	Male	Darhal	Agriculture/ Horticulture

Annexure 4 Details of Colleges/departments/uiniversities/govt institutions/non government institutions Contact person Contact Adress Mohd Ashraf 7780968561 Darhal VLW Mohd Javid 7006989117 Darhal VLW

Detail of aggregate higherinal resources and traditional len	navilades granted datails of the collection for im-	posed and details of the benefit derived and the mode of their sharing
Detail of access to biological resources and traditional kil	nowieuge granted, details of the confection fee im	posed 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 1: Crop Plants

1	2	3	4	5	6		7		9	10	11	12	13	14
Cuon	Scientific Name	Local Name	Variety	Landscape	Approx. area	Local	Local Status		Cropping	Uses	Associated TK	Other	Source of	Community/
Сгор	Scientific Name	Local Name	variety	/ Habitat	shown	Past		Special features	season	Oses	Associated 1 K	details	Seeds/Plants	Knowledge Holder
Food crop	Zia mays	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & lower hills		Plenty	Plenty	Medium height, resistant to draught,	Kharif	Food /Fodder	Stapple food		Agri Dept.	Farmers
Food crop	Triticum aestivum	Gandam	Raj 3765, HD 2967, HD 3086,	Hilly & lower hills		Plenty	Plenty	HYV, Resistant to draught ang lodging	Kharif	Food /Fodder	Stapple food		Agri Dept.	Farmers
Food crop	Brassica juncea	Sarson	Pusa bold, Gobi Sarson, KOS-1	Cool & dry		Plenty	Plenty	HYV, Draught resistant, Shaort duration	Rabi	Food / Fodder	Stapple food		Agri Dept.	Farmers
Vegetables						Normal	Normal	Matures in 145- 150 days with 40-42 % oil content	Rabi	Source of energy	vegetable Oil extracted from seeds used in cooking	oil for Food	Agri Dept.	Farmers
Vegetables	Solanum melongena	Bangun	PPL,PPC, PH4, BR112	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local	Farmers
Vegetables	Legenaria siceraria	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate		Normal	Normal	Green Veg	Kharif	Green Veg	Green Veg	-	Agri Dept/ Local	Farmers
Vegetables	Solanum lycopersicum	Tamater	Pusa Rubi,Pusa Early Dwarf, Manisha Plus/ local	Sub tropical & intermediate		Normal	Normal	-	Rabi	Curd used as vegetable	Also good sourse of protein, carbohydrate, phasphorus & iron	-	Agri Dept/ Local	Farmers

Vegetables	Allium cepa	Pyaj	Pusa Red, Nasik Red, N-53, Liberty	Cool weather at vegetative stage followed by warm weather at Bulb Stage	Normal	Normal	-	Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamins A and C, calcium, potassium.	Used as Vegetable, Salad, Soup	Agri Dept/ Local	Farmers
Vegetables	Solamum tuberosum	Aaloo	Kufri Sindhuri,Kufri Badsha, Kufri Jyoti	Potato is an herbaceous annual, requirs cool weather, mostly rainfed conditions	Normal	Normal	-	Rabi		Good source of dietary fiber, Vitamin B6,C,Potashium and folic acid.		Agri Dept/ Local	Farmers
Vegetables	Brassica Rapa	Gungulo			Normal	Normal		Kharif				Agri Dept/ Local	Farmers

Format 2: Fruit Plants

1	2	3	4	5		6	7	8	9	10	11	12
Diame	Scientific Name	LandNama	V	Landscape /	Local	Status	Source of	Season of	Associated TK	1 1	Other details	Community /
Plant	Scientific Name	Local Name	Variety	Habitat	Past	Present	Seeds/Plants	Fruiting	Associated 1K	Uses	market / l own use	Knowledge holder
Medium tree	Citrus Spp.	Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc.	Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc.	subtropical, mid hills	Plenty	Plenty	Nurseries	Through out year		Fruit,Pickling, Squashes etc.	Maketing , own use	
Tree	Malus x domestica	Saib	Red Delcious, Golden Delocious, Maharaji, American etc.	Temperate	Rare	Plenty	Nurseries	Aug- Oct.		fruit, value addition	Maketing , own use	
Tree	Pyrus spp.	Nakh	Patharnakh, China pear	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept		Fruit	Own use	
Tree	Prunus persica	Aaroo	July Elberta, Quetta	Mid hill	Rare	Rare	Nurseries	June-July		Fruit	Maketing , own use	
Tree	Prunus armeniaca	Khubani, Sadi	local apricot, Bebco	Mid hills	Plenty	Plenty	Nurseries	June-July		Fruit	own use	
Tree	Juglans regia	Akrote	Burzal, Kagzi, hard shelled	Temperate	Plenty	Plenty	Nurseries, locally raised	sept-Oct		Dry fruit	Maketing , own use	
Tree	Carya illinoenis	Pecan	western shelley	Mid hills /Temperate	Rare	Rare	Nurseries	Sept-Oct		Dry Fruit	Marketing	
Tree	Prunus salicinia	Aaloo Bukhara	santa rosa, Allubukhara	Mid Hills	Rare	Rare	Nurseries, locally raised	July-August		Fruit	Maketing, own use	
Tree	Elaeagnus multiflora	Kankoli		Mid hills	Rare	Rare	Natural			Fruit		

Format 3: Fodder Crops / Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific	Local	Landscape /	Local	Status	Source of Plants /	Associated	Part	Other details	Community / Knowledge
Tant	Name	Name	Habitat	Past	Present	Seeds	TK	Used	Other details	holder
Grass	Avena sativa	Javi	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & whole plant		Suitable for fodder	Farmers
Grass	Trifolium alexandrinum	Shatala	Sub Tropical / Intermediate	Rare	Rare	Agri Dept /Local	Nutritious & palatable fodder	Whole plant	Suitable for fodder	Farmers
Grasss / Shrub	Triticum aestivum	Gandera		Plenty	Plenty	Agri Dept /Local	Fodder	Whole plant		Farmers
Shrubs	Zea mays	Makka		Plenty	Plenty	Agri Dept /Local	Fodder	Whole plant		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
						Local	Status		Management		Community /	
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Past Present	Uses if any	Management options	Associated TK	Other details like exotic	Knowledge holder	
Weed /Herb	Philaris minor	Sitti	Wheat	Compete with crop	Sub Tropical/ intermediate	Plenty	Plenty	Nil	Chemical / Manual Control	Source for High quality protein	Local	Farmers
Weed /Herb	Chinopodium album	Bathua	Wheat, Vegetables	Compete with main crops for space and nutrients	Sub Tropical/ intermediate	Plenty	Plenty	Leavy vegetable	Chemical Control	Rich Source of protein,Vit. A, Calcium , Phosporous & potash	Used as green vegetable	Farmers
Weed/Shrub	Cannabis sativa	Bhang	Maize, Wheat, Vegetables	Alellopathy effect, Compete with crops	Sub Tropical/ intermediate	Plenty	Plenty	Psychoactive effects	Chemical / Manual Control	Intoxicating causes dehydration, nausea and headache	Local	Farmers
Weed /Herb	Cyprus rotundus	Dilla/Motha	Paddy,maize, vegetable	Perennial	Agri. & Non Agri. Land	Plenty	Plenty	Fodder & Animals	Physical, Mechanical, Chemical	Nil	Tradionally used as medicine	Farmers
Weed		Keri	Maize	Perennial	Sub Tropical/ intermediate	Plenty	Plenty	Nill	Nil	Nil		

Weed	Galinsoga parviflora	Yellow weed	Maize	Perennial	Agri Land	Rare	Rare	Nill	Nil	Nil	
Weed	Bidens pilosa	Sarla	Grasses	Compete with main crops for space and nutrients	Agri-land	Plenty	Rare	Nill	Nil	Nil	
Weed	Euphorbia helioscopia	Dedhel	Wheat	Maize & Wheat	Agri-land	Plenty	Plenty	Nill	Nil	Nil	

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	ZZ	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Rice	Rice Hispa	Dicladispa armigera	Kali Pundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Rice	Stem Borer	Scirepophaga incertulas	Dhain ka Kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Blister Beetle	Mylabris phalerata	Bhundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Cut Worm	Agrotis spp	Makki da kida	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Maize	Maize stem Borer	Chilo partellus	Sundi	Chewing & bitting	July to Sept	Mechanical& Chemical measures	-	Causes dead hearts in young plants	Farmers
Brijal/ Tomato	Fruit Borer	Helicoverpa armigera	Sundi	Sub Tropical/ intermediate	Kharif	Chemical control	-	Feed on crop leaves	Farmers
Wheat, Maize, Rice	Rat	Tatera indica	Chuha	Sub Tropical/ intermediate	Kharif/ Rabi	Chemical control	-	Feed on crop leaves	Farmers
	Porcupine	Erethizon dorsatum	Seh	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed potato tubers, vegetales and cobs	Farmers
Maize,Wheat, Fruits, vegetable	Monkey	Macaca mulatta	Bander	Sub Tropical/ intermediate	Kharif/ Rabi	NA	-	Feed on Fruits and green vegetables, cobs	Farmers
Mustard	Aphid	Lipaphis erysimi	Aphid/ Tella	Sub Troopical/Intermediate	Dec-March	Chemical control	-	Nil	Farmers

			Format 6: Markets for D	omesticated Animals				
1	2	3	4	5	6	7	8	9
Name of the markets & location	Weekly (D)/ Fornightly (D)/ Monthly (D)/ Biannual (M) Anuual (M) {1}	Type of Animals brought and sold {2}	Types and average Number of animals transacted in a day	Place from which animals are brought	Place to which the animal animals are sold/transported	Name and location of fish market	Type of fishes solid	Source of fish
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	-

						For	nat 8:Landscape						
	1		2	3	4	5	6	7	8	9	10	11	12
	Major Lan	dscapes	Sub-Landscapes	features and approx.	Ownership	General flora	General Fauna	User Groups	Management Practices	General Uses	Associated TK	Other details	Community accessed
Agriculture	Pond	Fallow land	Sub Landscapes	area	Ownersinp	General nora	General Fauna	Oser Groups	Practices	General Uses	Associated 1 K	Other details	Community accessed
Agric	uture and Fores	st land	-	Slopy	private			well	-	Timber	-	-	-
			-	Hilly	forest	Oak	Bear	well	-	and fooder	-	-	-
			-	-	-		Jackle	well	-		-	-	-
			-	-	-	Chikri	wild cock	well	-		-	-	-
			-	-	-		Monkey	well	-		-	-	-
			-	-	-	Harduli		well	-		-	-	-
			-	-	-	Berberies	Cat	-	-		-	-	-
						Bankhori							
						Akhrot							
						Besa							
						Draink							
						Kankoli							

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
Muslim	Farming	animal husbanding	Agriculture	agriculture sources			ST/ Gen			396

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 9: Waterscape 1 2 3 4 5 6 7 8 9 10 11 12 13 Waterscape element management Practices Community Features and Sub-type General fauna User groups Ownership General flora Major uses General uses Associated TK Other details types approx. area accessed Stream 1 km Private land Monkey cettle Bease Cat grazing Dog washing wild cock bathing Mannu Katheri Besa River 3 Km Private land irrigation &

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
Calayet and	Brown and	-	Normal			-	-
black cotton	Black	-	-			-	-
soil	-	-	-		Chikri	-	-
-	-	-	-	Persea	Katheri	-	-
-	-	-	-	Oak		-	-
-	-	-	-	Maize		-	-
-	-	-	-	Chikri		-	-
-	-	-	-	Kankoli		-	-
-	-	-	-	-	Bear	-	-
-	-	-	-	-		-	-
-	-	-	-	-	jackle	-	-
-	-	-	-	-	Monkey	-	-
					Bensa		

Format 11: Fruit Trees

1	2	3	4	6		7	8	9	10	11	12	13
					Loca	l Status	Source of	Season of			Other details	Community
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Past	Present	plant/seeds	Fruiting	Uses (usage)	Associated TK	market/own use	/ Know. holder
Tree	Akhrot	Juglan regia		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Citrus fruits	Citrus Spp.		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Guava	Psidium guajava		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Apple	Malus x domestica		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Pear	Pyrus spp.		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Peach	Prunus persica		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Apricot	Prunus persica		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Plum	Prunus salicinia		Wild as well as cultivated		Abundant	Local	Summer	Fruit		Local	
Tree	Kathari	Pyrus pashia		Wild					Fruit		Local	
Shrub	Kankoli	Elaeagnus multiflora		Wild					Fruit		Local	

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

1	2	3	4	5	6	,	7	8	9	10	11	12
				Landscape/	Source of	Local	status				Other details	Community/
Plant Type	Local Name	Scientific Name	Variety	Habitat	plant/seeds	Past	Present	Uses (usage)	Part used	Associated TK	market/own use	Know. Holders
Herb	Pudina	Mentha arvensis	Home garden	Water	Stem	More	More	Mixture arial		-	-	-
Shrub	Simblu	Berberies aristata	Wild	Baren	Natural	More	More	Human medicine	Root			
Tree	Akhroot	Juglans regia	Home garden		Seed	More	Less	Toothcare				
Shrub	Timru	Zanthoxylum armatum	Wild	Baren	Seed	Abundent	Abundent	Toothache	Seed			
Tree	Harduli	Rhododendron arboreum	Wild	Baren	Natural	Rare	Rare	Digestive cure	Flower			

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 14: 7	Timber Plant	s / Trees				
1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home-	Other	Associated TK	Other details	Community/
Time Type		300000000000000000000000000000000000000	2240	Past	Present	garden	uses (multi)	11000		Know. holder
Tree	Oak	Quercus incane	Forest	Good	Good	Wild	Fuel			
Tree	Bankhori	Aesculus indica	Forest	Good	Good	Wild	Fuel			
Tree	Popular	Populus deltoides	Forest	Good	Good	wild	Fuel			
Tree	Kiker	Acacia Nilotica	Forest	Rare	Rare	wild	Fuel			
Tree	Chaan		Forest	Good	Rare	wild	Fuel			
Tree	Draink	Melia azedarach	Forest	Rare	Rare	wild	Fuel			

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
Climbers	Pulwari	Rosa asclloris		Natural	Non.Commercial				
Shrubs	Kucch	Viburnum grandiflorum		Natural	Non.Commercial				
Shrubs	Rose	Rosa indica		Cutting	Commercial				
Herb	Saroo	Thuja compacta			Non.Commercial				
Shrubs	Mary gold	Tagetes			Commercial				

Format 15: Domesticated Animals

1	2	3	4	5	6	,	7	8	9	10	11	12
Animal			Breed (local/		Method of	-	cal tus	**	100	Commercial	Other details including products	Community
Туре	Local Name	Scientific Name	hybrid)	Features	keeping	Past	Present	Uses	Associated TK	rearing	and services	Know. Holders
Small Ruminants	Sheep Goat	Ovis aries Capra hircus	Cross Breed Bakarwali Kagani Beetal Poonchi	Polled ewes Horned Rams v-shaped Nose drooping ear sturdy excellent climbers	Conventional	sufficient	sufficient	Mutton chevon Milk Wool	Lohi Namda	No	Wool mutton chevon Milk skin Department provide necessary Medical coverage and sufficient system of rearing	Yes
	Horse	Equus Caballus		Long tail, without horn, hairy tail			Rare	Load carrier				
	Buffalo	Bubalus bubalis		4 feet, 2 horn, black colour			sufficient	Milk				
	Dog	Canis Lupus		Small animal, differect colour			sufficient	Protection				
	Cat	Felis Catus		Small animal, sharp canine			Rare					
	Hen/Cock	Galus domesticus		Sharp beak, feathered body			sufficient	Meat & egg				

Uses include milk, meat, skin, fur and etc

Format 16: Culture Fisheries

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

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 to where the animals are transported
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

1	2	3	4	5	(6	7	8	9	10	11
Dis. 4 T	T I N	C. C. A. C. N. A. A.	H-1-4-4	H-12-4	Local	status	Commercial /	D. d Hd. I	A A . I TIV	0411.4.7.	Community
Plant Type	Local Name	Scientific Name	Habitat	Habitat	Past	Present	own use	Part collected	Associated TK	Other details	Knowledge Holder
Tree	Safeda	Euclyptus Spp.	Farm Field		More	Less	Own use	Wood			-
Shrub	Simblu	Berberies lycium	Wild		More	Less	Own use	Roots & leaves			-
					More	Less	Own use				-
Herb	Pudina	Mentha arvensis	Wild		More	Less	Own use	Leaves			
Tuber	Potato	Solanum tuberosum	Wild		Less	Less	Own use	Fruit			
Trees	Besa	Salix alba	Wild		Less	Less	Own use	Leaves/Fruit			
Trees	Fagwara	Ficus palmata	Wild	Sub-Tropical	More	Less	Own use	Fruit	nil	nil	Generally, held by community

Trees	Kiker	Acacia Nilotica	Farm Field	Sub-Tropical	Less	Less	Own use	Wood	nil	nil	Generally, held by community
Vina	Cucumber	Cucumis sativus	Agri land		More	Less	Own use	Fruit			
Trees	Khirk	Celtis australis Willd	Wild		Less	Less	Own use	Leaves/Fruit			
Shrub	Sanduri	Debregeasia salicifolia	Wild		Less	More	Own use	Whole part			

	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	Oak	Quercus incana		fooder									
2	Mannu	Ulmus walichaina		fooder									
3	Simblu	Berberis lycium		human medicine									
4	Cherry	Prunus		Fuel									
5	Chann			Fuel									
6	Chikri	Buxus Wallichiana		Agri . Supliments									

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/
Local Name	Scientific Name	variety	reatures	парцац	Past	Present	Uses	Associated 1 K	Other details	Knowledge Holder
Water cress	Nasturtium officinale		Leafy, Soft	Aquatic	Good	Good	Vegetable			Phari
green algae	Volvox tertius		Thallus Plant	Aquatic	Good	Good	Photosynthesis			Gujjar
Wild Mint	Mentha arvensis		Aromatic	Aquatic	Good	Good	Medicinal			
Bach	Acorus calamus		Rhizome	Aquatic	Good	Good	Medicinal			
Frog	Rana tigrina		Brownish Small	Aquatic	Good	Good	Eco balance			
Fish	Oncorhynchus mykiss		Scally	Aquatic	Good	Good	food			
Crab	cancer		Tentacle	Aquatic	Good	Good				

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

	Format 21: Wild Aquatic Plant Species of Importance											
1	2	3	4	5	6							
S. No.	Local Name	Scientific Name	Variety	Importance	Trends							
1	Water cress	Nasturtium officinale		Feeding & fodder								
2	Green algae	Volvox tertius		Max. Photosynthesis								
3	Mint/padina	Mentha arvensis		Used in food								
4	Wild Mint	Mentha arvensis		Used in medicine								
5	Bach	Acorus calamus		Used in medicine								

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	(5	7	8	9	10	11
Plant (Herb,	Local Name	Scientific Name	Variety	Landscape /	Local	Status	- Associated TK	Uses (usage)	Part used	Other details market/ own	Community/
Shrub, Tree)	Local Name	Scientific Name	v arrety	Habitat	Past	Present	Associated 1K	Uses (usage)	rait useu	use	Knowledge Holder
Herb	pudina	Mentha arvensis	Home garden		More	Less		Mixture	Arial		
Shrub	Simblu	Berberies lycuim	Wild		More	More		BP control	Leaves		
Tree	Walnut	Juglans regia	Home garden		More	Less		Toothcare			
	Timbru	Zanthoxylum armatum	Wild		Less	Less		Toothcare & Mixture	Fruit/Twig		
	Harduli	Rhododendron arboreum	Wild		More	Less		For cough	Flower		

Format 23: Wild relatives of Crops

1	2	3	4		5	6	7	8	9	10
Local	Scientific		Landssons	Local	Status	Uses	Part	Associated		Community /
Name	Name	Associated crop	Landscape / Habitat	Past	Present	(usage)	Used	Associated TK	Other details	Know holder
Maize	Zea mays	Beans	Terrestrial	Good	Good		As food	Grain		Gujjar
Akhrot	Juglans regia	Grasses	Terrestrial	Good	Good		As food	Fruit		Phari
Potato	Solonum tubersum	Beans	Terrestrial	Good	Good		As food	Zhizome		Kashmiri
Beans	Phaselous vulgaris	Maize	Terrestrial	Good	Good		As food and fodder	Fruit		
Mustard	Brassica compestus	Turnip	Terrestrial	Good	Good		Fodder	Whole plant		

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
Phulwari	Rosa ascolaris		Forest	Non-commercial			
Kuchh	Viburnm grandiflonum		Forest	Non-commercial			
Rose	Rosa indica		Forest/ Garden	Non-commercial			
Saroo	Thuja compecta		Home garden	Non commercial			

Format 25: Fumigate / Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb,	Local	Scientific	T 7 • 4	т. 1.1.	Local	Status	Uses	D ()	Associated	Other details	Community
Shrub, Tree)	Name	Name	Variety	Habitat	Past	Present	(usage)	Part used	TK	(mode of use)	knowledge holder
Shrub	Phulwari	Rosa ascularis		Dry Land	Good	Good			Flower		Pahari
Herb	Mint	Mentha arvensis		Mist Place	Good	Good			Leaf		Gujjar
Herb	Banafsha	Viola odorata		Dry land	Good	Good			Flower		Kashmiri
Trees	Akhrot	Juglans regia		Agri-Land	Good	Good		Bark / Leaf	Flower		
Trees	Besa	Salix Alba		Dry Land	Good	Good		Twig	Flower		
Trees	Timbru	Zanthoxylum armatum		Wet land	Good	Less		Fruit/ Twig	Fruit		
Trees	Apricot	Prunus armeniaca		Dry Land	Good	Less		Twig			
Herb	Kuchh	Viburnam Grandiflorum		Dry Land	Good	Good		Twig			

Format 26: Timber Plants

1	2	3		4	5	6	7	8
Local Name	Scientific name	Habitat	Local	Status	Other Uses, if any	Associated TK	Other Details	Community/ Knowledge
	50.0	2240.040	Past	Present	other essa, ir uny	133300	30.00. 20.00.	Holder
mannu	Ulmus walichaina	Forest	Good	Fuel	Fooder			
Oak	Quercus incana	Forest	Good	Fodder, fuel	Fooder			
Chikri	Buxus walichiana	Forest	Good	Fodder, fuel				
Besa	Salix Alba	Forest/ Agri land	Less	Common	Fooder	Whole for different uses		Communitiy/ Farmer
Chaan		Forest	Good	Fodder, fuel				
Drankh	Melia azedarach	Forest/ Agri land	Good	Fuel	Fooder	nil	nil	Generally, held by community
Safeda	Eucalyptus spp.	Forest/ Agri land	Good	Fuel		nil	nil	Generally, held by community
Kainth	Pyrus paschia	Agri land	Good	Fuel	Agri Deptt	nil	nil	Generally, held by community
Popular	Populus ciliata	Forest/ Agri land	Good	Fuel	Agri Deptt	nil	nil	Generally, held by community

Format 27 A: Coastal and Marine Flora

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

Format 27 B: Coastal and Marine Fauna

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

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

1	2	3	4	5	6	,	7	8	9	10	11	12
Audional Torre	Local Name				Season when	Local Status		Uses (if		Mode of Hunting,	Other	Community/
Animal Type	Locai Name	Scientific Name	Habitat	Description	seen	Past	Present	any)	Associated TK	collecting (if any)	details	Knowledge Holder
Mammal	Mouse	Mus musculus	Land		All season	More	Average					
Bird	Bulbul	Pycnonotidae	Tree		All season	More	More	-	-	-	-	-
Bird	Parrot	Psittaciaformes	Wall		All season	More	Less	-	-	-	-	-
Reptile	Lizard	Lacertilia	Water		Summer	More	More	-	-	-	-	-
Amphibian	Frog	Anura	Soil		Summer	More	More	-	-	-	-	-
Mammal	Monkey	Macaca Mulatta	Tree									
Bird	Indian Myna	Acridotheres tristis	Tree									
Wild animal	Jackal	Canis aureus	Forest									
Bird	House crow	Corvus splendens	House									
Bird	House sparrow	Passer domesticus	Tree									

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	Rein	Quercus Incana	Tree	Mid hill		
2	Akhrot	Juglans regia	Tree	Mid hill		
3	Besa	Salix Alba	Tree	Mid hill		
4	Kiker	Acacia Nilotica	Tree	Mid hill		
5	Draink	Melia azedarach	Tree	Mid hill		
6	Chaan	-	Tree	Temperate		
7	Cherru	-	Shrub	Temperate		
8	Mannu	-	Tree	Mid hill		
9	Simblu	Berberis lyceum	Shrub	Barain		
10	Kuchh	Viburnum Grandiflorum	Shrub	Barain		
11	Khubani	Prunus armeniaca	Tree	Mid hill		

12	Kathari	Pyrus Pashia	Tree	Mid hill	
13	Faguara	Ficus glomerada	Tree	Mid hill	
14	Khirk	Celtis australis	Tree	Mid hill	
15	Ban khori	Aesculas indica	Tree	Temperate	
16	Chikri	Buxus Wallichiana	Tree	Mid hill	
17	Sanduri	Debregeasia salicifolia	Shrub	Lower area	
18	Kankoli	Elaeagnus multiflora	Shrub	Lower area	
19	Apricot	Prunus persica	Tree	Mid hill	

Note: Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 30: Fauna

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Type of Animals (Mammals / Birds / Fish / Insect etc.)	Habitat	Remarks (Rare / Common etc.)
1	Cat	Felis cactus		House	
2	Dog	Canis lupus		House	
3	Jackal	Canis aurens		Forest	
4	Buffalo	Bubalus Bubali		House	
5	Horse	Equus caballus		House	
6	Rat	Ratus ratus		Land	
7	Monkey	Macaca mulata		Tree	
8	Aphid	Lipaphis erysimi		Wheat leaves	
9	Sheep	Ovis aries		House	
10	Goat	Capra Hircus		House	
11	Cut worm	Agrotis spp		Maize leaves	
12	Crow	Corvus		Tree	_
13	Parrot	Psittaciformes		Tree	

14	Rat	Ratus ratus	hole/land	
15	Frog	Anura	Water/ land	
16	Lizard	Lacertilia	Wall	
17	Hen	Gallus gallus domesticus	House	

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
	None	