

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Nah

Name of the block: Sunderbani

District:Rajouri

State:Jammu And Kashmir UT

Geographical Area of the Panchayat Samiti: 90000hc

Population under the Panchayat Samiti: Total 2825

Male:1425

Female:1400

Total:2825

Habitat and Topography:Hilly & Plain

Climate (Rainfall, Temperature and weather patterns) Tropical/ Sub Tropical

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation 2020-21

Management Regime: Reserve Forest (RF)/Joint Forest Management(JFM)/Protected Areas(PA)/ Community Owned and Managed

Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and seven persons to be women and not less than 18% belonging to SC/ST)

1) Name of the Chairperson: Smt. Toshi Devi

Age: 55 yrs

Gender: Female

Address: Nah

Area of specialization: Sarpanch

2) Name: Om Parkash

Age: 65

Gender: male

Address: Nah

Area of specialization: Member

3) Name: Satya Devi

Age: 46 Yrs

Gender: Female

Address: -Nah

Area of specialization: Member

4) Name: - Pritam Shoor

Age: 52 Yrs

Gender: Male

Address: Nah

Area of specialization: Member

5) Name: - Bittu Ram

Age: 48 Yrs

Gender: Male

Address: Dhoke banyard

Area of specialization: Member

6) Name: Mamta Kumari

Age: 32 Yrs

Gender: Female

Address: dhoke banyard

Area of specialization: Member

7) Sheel Kumar

age :- 45

Gender :- Male

Address:- Phall

Area of specialization :- Pyt Secretary

Annexure-2

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or biological resources occurring within the jurisdiction of the village

1) Name : Gulshan Kumar

Age: 32

Gender: Male

Address: Village Nah , Mohra Dabber

Area of specialization: Joint and Bone healing

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: Joginder Paul

Age: 50 years

Gender: Male

Address: Village Patni

Area of specialization: Treatment of Chandri (infection of fingers)

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name: Om Parkash

Age:63 yrs

Gender:Male

Address:Vill. Nah Mohra: Dhabber

Area of specialization: Joint and Bone healing using Medasak plant (Litsea chinensis) & Treatment of Thyroid, Treatment of Malaria using Giloy(Tinospora cardifolia), Treatment of fever and cough using Brenked(Adhatoda bassica), treatment of diabetes using Jamun(Syzygium cuminii).Treatment of Arthiritis using Malkangni(Celastrus peniculatus),

Location from which the person accesses biological material: Nah

Perception of the practitioner on the resource status:

Medicinal Use: joint healing properties, Anti Thyroid treatment

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and forestry

1) Name of the Chairperson: Geetan Kumar

Age: 28 yrs

Gender: Male

Address: Vill. Dhar , Mohra : Khror

Area of specialization: Agriculture, Horticulture

2) Name of the Chairperson: Om Parkash

Age: 63 yrs

Gender: Male

Address: Vill. Nah, Mohra : Dhabber

Area of specialization: Agriculture, Horticulture , Medicinal

3) Name of the Chairperson: N/A

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson: N/A

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: Teacher (9419670142)
Name and Address: Devinder Kumar(Govt. High School Suffa)
- 2) Contact Person: Teacher (7006073609)
Name and Address: Sanjay Kumar (GHS Suffa)
- 3) Contact Person: Teacher
Name and Address: Harpaul Singh (GMS Nah)
- 4) Contact Person:
Name and Address:

You may add names of more institutions/NGO/Individuals etc, if necessary

Annexure 5

Detail of access to biological resources and traditional knowledge granted, details of the collection 1

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
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

End of Part I

fee imposed and details of the benefit derived and the mode of their sharing

Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

Part II
PBR – Formats

AGROBIODIVERSITY

Format 1: Crop Plants

1	2	3	4	5	6
Crop	<i>Scientific Name</i>	Local Name	Variety	Landscape / Habitat	Approx. area shown
Kharif	<i>Zea mays</i>	Maki	Double Dacklab Kanchan	Low land valleys	
Rabi	<i>Triticum aestivum</i>	Kanak	HD3171/HD 1605	Low land valleys	
Kharif	<i>Sesamum indicum</i>	Til		Low land valleys	
Rabi	<i>Solanum tuberosum</i>	Potato		Low land valleys	
Kharif	<i>Phaseolus vulgaris</i>	Beans		Low land valleys	
Vegetable	<i>Solanum lycopersicum</i>	Tomato		Low land valleys	
Vegetable	<i>Momordica charantia</i>	Bitter Guard		Low land valleys	
Vegetable	<i>Lagearia siceraria</i>	Ghiya		Low land valleys	
Vegetable	<i>Benincasa hispida</i>	Petha/Kandoli		Low land valleys	
Vegetable	<i>Abelmoschus esculentus</i>	Bhindi		Low land valleys	
Spice	<i>Zingiber officinale</i>	Adrak		Low land valleys	
Oilseed	<i>Brassica juncea</i>	Mustard		Low land valleys	
Vegetable	<i>Luffa cylindrica</i>	Kandoli		Low land valleys	
Vegetable	<i>Colocasia asculanta</i>	Kachalu		Low land valleys	
Vegetable	<i>Amaranthus veridus</i>	Chaleri saag		Low land valleys	
Vegetable	<i>Senna siamea</i>	Kassod		Low land valleys	
Vegetable	<i>Colocasia asculanta</i>	Arbi		Low land valleys	

Vegetable	<i>Allium sativum</i>	Lehsun		Low land valleys	
Vegetable	<i>Allium cepa</i>	Onion		Low land valleys	
Grass	<i>Saccharum officinarum</i>	Sugarcane		Low land valleys	

7		8	9	10	11	12	13
Local Status		Special features	Croppin g season	Uses	Associate d TK	Other details	Source of Seeds/Plants
Past	Present						
Plenty	Plenty	Tall variety High yielded	June July	Food Fodder	Provides more energy		Local people of the area
Plenty	Plenty	Tall variety High yielded	October November	Food Fodder	Provides more energy		Local people of the area
Plenty	Plenty		October November	Oil seed			Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty		October November	Pulses			Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Rare						Local people of the area

Plenty	Plenty						Local people of the area
Plenty	Plenty						Local people of the area
Plenty	Plenty						

Format 2: Fruit Plants

1 Plant	2 <i>Scientific Name</i>	3 Local Name	4 Variety	5 Landscape / Habitat	6 Local Status	
					Past	Present
Tree	<i>Mangifera indica</i>	Aamb	Sandoori	Hilly	Abundent	Rare
Tree	<i>Citrus x sinensis</i>	Santra	Local	Farm fields	Abundent	Rare
Tree	<i>Citrus reticulata</i>	Santra Small	Local	Farm fields	Abundent	Rare
Grass	<i>Musa acuminata</i>	Banana	Local	Farm fields	Abundent	Rare
Tree	<i>Citrus limetta</i>	Mousambi	Local	Farm fields	Abundent	Rare
Tree	<i>Prunus domestica</i>	Plum	Local	Farm fields	Rare	Abundent
Tree	<i>Morus alba</i>	Shehtut	Local	Farm fields	Abundent	Rare
Tree	<i>Psidium guajava</i>	Amrood	Local	Farm fields	Abundent	Rare
Tree	<i>Cordia myxa</i>	Lasoor	Local	Farm fields	Abundent	Rare
Tree	<i>Citrus karna</i>	Kimb	Local	Farm fields	Abundent	Rare
Tree	<i>Zyzyphus jujuba</i>	Ber	Local	Farm fields	Abundent	Rare
Tree	<i>Punica garnatum</i>	Anardana	Local	Farm fields	Abundent	Rare
Tree	<i>Prunus serotina</i>	Batangi	Local	Farm fields	Abundent	Rare
Tree	<i>Juglans regia</i>	Akhrot	Local	Farm fields	Abundent	Rare
Tree	<i>Carissa carandus</i>	Garna	Local	Farm fields	Abundent	Rare
Tree	<i>Rubus ellipticus</i>	Aakhra	Local	Forest	Abundent	Rare
Tree	<i>Emblica officinalis</i>	Aamla	Local	Farm fields	Abundent	Rare
Tree	<i>Prunus percica</i>	Aaru	Local	Farm fields	Abundent	Rare
Tree	<i>Fragaria ananassa</i>	Strawberry	hybrid	Farm fields	Abundent	Rare
Tree	<i>Phoenix dactylifera</i>	Khajur	local	Farm fields	Abundent	Rare
Tree	<i>Eriobotrya japonica</i>	Loquat	local	Farm fields	Abundent	Rare
Tree	<i>Syzgium cuminii</i>	Jamun	local	Farm fields	Abundent	Rare

7	8	9	10	11	12
Source of Seeds/Plants	Season of Fruiting	Associated TK	Uses	Other details market / own use	Community / Knowledge holder
Wild	June-July	zinc , vitamin a calcium	For pickle	Own use	Low production
Wild	July to September	Vitamin C	Juice	Own use & Market also	Low production
Wild	July to September	Vitamin C	Juice	Own use & Market also	Medium Production
Wild	July to September	Vitamin C		Own use & Market also	Medium Production
Wild	July to September	Vitamin C		Own use & Market also	Medium Production
Department of Horticulture	December to April	Vitamin C		Own use & Market also	Good Production
Wild	July to September		Fruit	Market also	Low production
Wild	December to April		Fruit	Market also	Low production
Wild	July to September		Fruit	Market also	Low production
Wild	December to April		Fruit	Market also	Low production
Wild	December to April		Fruit	Market also	Low production
Wild	December to April		Fruit	Market also	Low production
Wild	December to April		Fruit	Market also	Low production
Wild	July to September		Fruit	Market also	Low production
Wild	July to September		Fruit	Market also	Low production
Wild	July to September		Fruit	Market also	Low production
Wild	July to September		Fruit	Market also	Low production
Wild			Fruit	Market also	Low production
Wild	may- august		Fruit	Market also	Low production
Wild	June-July		Fruit	Market also	Low production
Wild	June-July		Fruit	Own use & Market also	Low production

Format 3: Fodder Crops / Species

1	2	3	4	5	
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status	
				Past	Present
Plant	<i>Vigna mungo</i>	Black Gram	Plain	Plenty	Plenty
Tree	<i>Albizia lebbek</i>	Siris	Hilly and plain	Plenty	Plenty
Tree	<i>Grewia optiva</i>	Dhaman	Hilly and plain	Plenty	Plenty
Tree	<i>Leucinia leucophela</i>	Leucinia	Hilly and plain	Plenty	Plenty
Tree	<i>Acacia modesta</i>	Phulai	Hilly and plain	Plenty	Plenty
Tree	<i>Celtis australis</i>	Kharik	Hilly and plain	Plenty	Plenty
Tree	<i>Morus alba</i>	Shetut	Hilly and plain	Plenty	Plenty
Tree	<i>Robinia pseudoacacia</i>	Kikar	Hilly and plain	Plenty	Plenty
Plant	<i>Pennisetum glaucum</i>	Bajra (grass)	Hilly and plain	Plenty	Plenty
Plant	<i>Sorghum bicolor</i>	Chari as green foliage	Hilly and plain	Plenty	Plenty
Grass	<i>Trifolium repens</i>	Barseem	Plain	Plenty	Plenty
Tree	<i>Bauhinia variegata</i>	Kachnaar	Hilly and plain	Plenty	Plenty
Tree	<i>Caesalpinia decapetala</i>	Cat's claw	Hilly and plain	Plenty	Plenty

6	7	8	9	10
Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
Agriculture Deptt.	For food	Fruit	Fodder	Local public
Wild and Forest Deptt	For Fodder only	Leaf	Fodder	
Wild	For Fodder only	Leaf	Fodder	
Wild	For Fodder only	Leaf	Fodder	
Wild	For Fodder only	Leaf	Fodder	
Wild	For Fodder only	Leaf	Fodder	
Sericulture and Wild	Fodder and silk	Leaf	Fodder	
Agriculture Deptt.		Leaf	Fodder	
Agriculture Deptt.	For Fodder only	Whole plant	Fodder	Local public
Agriculture Deptt.	For Fodder only	Whole plant	Fodder	Local public
Agriculture Deptt.	For Fodder only	Whole plant	Fodder	
Forest Department	For Fodder only	Leaf	Fodder	
Wild	For Fodder only	Leaf	Fodder	

Format 4: Weeds

1	2	3	4	5	6
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat
Shrub	<i>Cannabis sativum</i>	Bhang	All crops	Don't let the crop grow	Plan and hilly
Shrub	<i>Parthenum hysterophorus</i>	Congress Grass	All crops		Plan and hilly
Shrub	<i>Argyrolobium roseum</i>	Makhan butti	All crops		Plan and hilly
Shrub	<i>Atylosia scarabaeoides</i>	Wild Kulthi	All crops		Plan and hilly
Shrub	<i>Caragana gerardiana</i>	Pattaki	All crops		Plan and hilly
Shrub	<i>Crotalaria mysorensis</i>	Chitryavali	All crops		Plan and hilly
Shrub	<i>Desmodium laxiflorum</i>	Boorikuchni	All crops		Plan and hilly
Shrub	<i>Indigofera tintoria</i>	Kathi	All crops		Plan and hilly
Shrub	<i>Lathyrus aphaca</i>	Bandkla Jangali	All crops		Plan and hilly
Shrub	<i>Melilotus indica</i>	Barseem	All crops		Plan and hilly
Shrub	<i>Rhychosia minima</i>	Jungali moth	All crops		Plan and hilly
Shrub	<i>Terhrosia purpurea</i>	Sirponkhi	All crops		Plan and hilly
Shrub	<i>Trifolium repens</i>	Barsseem	All crops		Plan and hilly
Shrub	<i>Trifolium pretense</i>	Shattal	All crops		Plan and hilly
Shrub	<i>Vicia hirsute</i>	Papda	All crops		Plan and hilly
Shrub	<i>Vicia sativa</i>	Jowal	All crops		Plan and hilly
Shrub	<i>Cassia occidentalis</i>		All crops		Plan and hilly
Shrub	<i>Cassia tora</i>	Panwear	All crops		Plan and hilly
Shrub	<i>Mimosa rubicaulis</i>	Raal	All crops		Plan and hilly
Shrub	<i>Ageratum conyzoides</i>	Neeli Butti	All crops		Plan and hilly
Shrub	<i>Lantana camara</i>	Panjfuli	All crops	Plan and hilly	

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this localit natural multiplication etc

7		8	9	10	11	12
Local Status		Uses if any	Management options	Associated TK	Other details like exotic	Community / Knowledge holder
Past	Present					
Plenty	Plenty	Medicinal	Uprooting		Indigenius	
NA	Plenty		Uprooting		Exotic	
Plenty	Plenty		Uprooting		Indigenius	
available	Plenty	Pulses	Uprooting		Indigenius	
Plenty	Plenty		Uprooting		Indigenius	
Plenty	Plenty		Uprooting		Indigenius	
Plenty	Plenty		Uprooting		Indigenius	
Plenty	Plenty	Natural dye	Uprooting		Indigenius	
Plenty	Plenty		Uprooting		Indigenius	
Plenty	Plenty	Fodder	Uprooting		Indigenius	
Plenty	Plenty		Uprooting		Indigenius	
Plenty	Plenty	Vegetable	Uprooting		Indigenius	
Plenty	Plenty	Fodder	Uprooting		Indigenius	
Plenty	Plenty	Fodder	Uprooting		Indigenius	
Plenty	Plenty		Uprooting		Indigenius	
Plenty	Plenty		Uprooting		Indigenius	
Plenty	Plenty		Uprooting		Indigenius	
Plenty	Plenty	Vegetable	Uprooting		Indigenius	
Plenty	Plenty		Uprooting		Indigenius	
NA	Plenty		Uprooting		Exotic	
	Plenty		Uprooting		Indigenius	

ty, when it came under notice, intensity of

Format 5: Pests of Crops

1	2	3	4	5	6
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack
Maize	Cut worma	<i>Agrotis ipsilon</i>		Plan hilly	
Maize	Army fall worms	<i>Spodoptera frugiperda</i>		Plan hilly	
Maize	Corn leaf hoppers	<i>Hemiptera cicadellidae</i>		Plan hilly	
Maize	Cornthrips maize	<i>Frankliniella williamsi</i>		Plan hilly	
Maize	Stem borer stalk	<i>Busseola fusca</i>		Plan hilly	
Maize	Ear head bug	<i>Helicoverpa armigera</i>		Plan hilly	
Maize	Stem fly	<i>Atherigona orientalis</i>		Plan hilly	
Maize	Shoot fly	<i>Athrigona orientalis</i>		Plan hilly	
Wheat	Wheat Midge	<i>Sitocliplosis mosellane</i>	Wheat/ Kanak	Plan hilly	Early March
Wheat	Termite	<i>Microtermes obesi</i>		Plan hilly	
Wheat	Grass hoppers	<i>Caclifera</i>		Plan hilly	
Wheat	Wheat aphid	<i>Sitobion miscanthi</i>		Plan hilly	
Wheat	Army worm	<i>Spodoptera frugiperda</i>		Plan hilly	
Wheat	Ghujia weenil	<i>Sitophilus granarius</i>		Plan hilly	
Wheat	Gram pod borrer	<i>Heterodera avenae</i>		Plan hilly	
Wheat	Wheat gall nematodes	<i>Anguina tritici</i>		Plan hilly	
sugarcane	borers	<i>Diatraea saccharalis</i>	ganna	Plan hilly	

Other details may include possible reasons for insects/animal attack

7	8	9	10
Management mechanism	Associated TK	Other details	Community knowledge holder
Agriculture			
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Format 7: Peoplescape

1	2	3	4	5	6
Community & Population	Families & Major occupation	Sub-occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices
Hindu (2321Population)	Agriculture	Animal Husbandary	Agriculture Landscape	Agricultural resources of different nature	Plantation, Construction of Roads, Check Dams,DRSM, CONTOURS etc.
schedule cast (459 population)	Agriculture	Animal Husbandary	Agriculture Landscape	Agricultural resources of different nature	Plantation, Construction of Roads, Check Dams,DRSM, CONTOURS etc.
Schedule tribe	Farming labour	Animal Husbandary	Agriculture Landscape	Agricultural resources of different nature	Plantation, Construction of Roads, Check Dams,DRSM, CONTOURS etc.

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, rivers, forest etc.

Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, How the community manages the landscapes they use for satisfying different needs, their strategies How the community manages the resources they access for satisfying different needs, their strategies

7	8	9	10	11
Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs
Seasonal Practices		Normal	Permanent	
Seasonal Practices	SC	Normal	Mobile	
Seasonal Practices	ST	Normal	Mobile	

bandry, artisans, services Examples of depending landscapes are agriculture

and etc

; and perception

es and perception, conflicts etc

Format 8: Landscape

1	2	3	4	5	6
Agricultural land	Maize	Open land	Private	Wheat,maize,dal mash, bajra,soyabean,till	Monkey,rabbit, porcupine,rat, wild boar,pigeon,sp arrow
	Orchid	Close land	----do----		
	Vegetable	Garden	----do----		
Forest land			Forest	Chir, Khair, Sissoo, Kamila, Bamboo, Simble & Trimal etc	Monkey,peaco ck,jackel & pig,wild goat,rabbit,por cupine, etc
Fallow land			Forest/ State	-----	-----
Pond		Standing water for habitat of plants and animals	Forest/ State/	Algae,pteridophyt es,funi,bryophyll um, water lilies,water hyacinth,bhang,gr ass	Fishes Frog Snails Snakes Leech
			Private		

7	8	9	10	11	12
Locals	Crop rotation,tarrace farming	Food,fodder, oil, vegetables			Locals
Locals and nomadic grazers					Locals
		Timber,medic ines,fruit			Nomadic grazers
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Locals	Desilting,dredging,blue pond dye.	Drinking and irrigation purpose			Locals
					Wild animals

Format 9: Waterscape

1	2	3	4	5	6
Waterscape element type	Sub-type	Features and approx area	Ownership	General flora	General fauna
Pond		Standing water for habitat of plants and animals	forest/ State/	Bryophyllum	Fishes
			Private	Algae	Amphibians
				Pteridophyte	Prawn
				<i>Water hyacinth</i>	Snail
				Fern	Snakes
				<i>Nelumbo nucifera</i>	Leech
				Water lilies	Crab
					Mosquito turtle
Nallah			Private,	Algae	Amphibians
			Forest	Pteridophyte	Prawn
				<i>Water hyacinth</i>	Snail
				Fern	Snakes
				<i>Nelumbo nucifera</i>	Leech
					Crab
Bowali		Drinking water	State/private/ Forest Land	Algae	Prawn crab

7	8	9	10	11	12
Major uses	User groups	Management practices	General uses	Associated TK	Other details
Domestic purpose, irrigation, drinking	Locals	Desilting,			
Pisciculture.		Dredging,			
		Manual weeding,			
		Blue pond dye.			
Domestic purpose,	Locals				
Ecotourism.					
Domestic use	Locals				

Format 10: Soil type

1	2	3
Soil Type	Color & Texture	Features
Brown earth	Brown Fine particles	Water holding capacity,porous
Alluvial	Light brown ,porous	Water holding capacity ,anchoring property
Red soil	Red	Water holding capacity ,anchoring property,xerophytic
Clay	Light brown	Water holding capacity ,anchoring property,xerophytic
Rocky soil	black	Hard texture
Loamy soil	Dark brown	Water holding capacity ,anchoring property,xerophytic

4	5	6	7
Soil management	Plants / crop suitable	Flora and fauna	Associated TK
	Kharif and rabi crops All Herbicious and woody plants	Earthworm,bacteria,funghi,algae,prot ozoa,nematodes,acarids	
	Kharif and rabi crops All Herbicious and woody plants,ornamental plants	Earthworm,bacteria,funghi, algae,protozoa,nematodes,acarids	
	Cactus species,ganira,agave agave	Nematode ,round worm,scorpion ,lichen	
	ganira,agave agave, Cactus,aloe vera	bacteria,funghi,algae,protozoa, Earthworm nematodes,acarids,ant,centipede,mil ipede	
	bryophyte	Mosses,lichens,funghi,algae	
		Herbicious plants	

8

Other information

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

1	2	3	4	5	6
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds
herb	Patharchatta	<i>Bryophyllum pinnatum</i>	Indigenous	Wild	Wild
Shrub	Ashwagandha	<i>Withania somnifera</i>	Indigenous	Wild	Wild
herb	Aloe vera	<i>Aloe barbadensis</i>	Indigenous	Wild	Wild
Climber	Malkangni	<i>Celastrus paniculatus</i>	Indigenous	Wild	Wild

Herb	Datura	<i>Datura stramonium</i>	Indigenous	Wild	Wild
Shrub	Aak	<i>Calotropis gigantea</i>	Indigenous	Wild	Wild
Shrub	Nagfani (Cactus)	<i>Prickly pear</i>	Indigenous	Wild	Wild
Shrub	Amaltas	<i>Cassia fistula</i>	Indigenous	Wild	Wild
Shrub	Billan	<i>Aegle marmelos</i>	Indigenous	Wild	Wild
Tree	Jammun	<i>Syzygium cuminii</i>	Indigenous	Wild	Wild
Herb	Tulsi	<i>Ocimum sanctum</i>	Indigenous	Domesticated	Domesticated
Herb	Pudina	<i>Mentha arvensis</i>	Indigenous	Wild	Domesticated
Shrub	Black berry	<i>Rubus allegheniensis</i>	Indigenous	Wild	Wild
Shrub	Kakkar Singhi	<i>Pistacia integrima</i>	Indigenous	Wild	Wild
Shrub	Rumbal	<i>Ficus racemosa</i>	Indigenous	Wild	Wild
Tree	Trimbil	<i>Ficus auriculata</i>	Indigenous	Wild	Wild
Tree	Fakor	<i>Ficus palmata (Edible)</i>	Indigenous	Wild	Wild
Tree	Bhor	<i>Ficus bengalensis</i>	Indigenous	Wild	Wild
Tree	Aamla	<i>Emblica officinalis</i>	Indigenous	Wild	Wild

Tree	Behra	<i>Terminalia bellirica</i>	Indigenous	Wild	Wild
Shrub	Harad	<i>Terminalia chebula</i>	Indigenous	Wild	Wild
Shrub	Kakoa	<i>Flacourtia indica</i>	Indigenous	Wild	Wild
Tree	Kamila	<i>Mallotus phillippensis</i>	Indigenous	Wild	Wild
Shrub	Kayora	<i>Agave americana</i>	Indigenous	Wild	Wild
Shrub	Kainth	<i>Pyrus pashia</i>	Indigenous	Wild	Wild
Shrub	Thor	<i>Euphorbia royleana</i>	Indigenous	Wild	Wild
Tree	Palas	<i>Butea monosperma</i>	Indigenous	Wild	Wild
Tree	Bhera	<i>Terminalia bellirica</i>	Indigenous	Wild	Wild
Shrub	Rasount	<i>Berberis lycium</i>	Indigenous		
Vine	Andal kandal	<i>Cuscuta reflexa</i>	Indigenous	Wild	Wild
Vine	Jungali Karala	<i>Cydanthera pedate</i>	Indigenous	Wild	Wild
Shrub	Ama Haldi	<i>Curcoma amada</i>	Indigenous	Wild	Wild
Tree	Maida Sak	<i>Litsea chinensis</i>	Indigenous	Wild	Wild

7		8	9	10	11
Local status		Uses (usage)	Part used	Associated TK	Other details market/own use
Past	Present				
N/A	rare	Medicinal	leaves	Treatment of injury	Domestic use
N/A	rare	Medicinal	roots & fruit	Treatment of pain and inflammation, treat insomnia`	----do-----
N/A	plenty	Medicinal	leaves	Treatment of sunburn, improves digestion, cleanses acne etc	----do-----
rare	rare	Medicinal	seeds	Hair tonic, antiinflammatory, antidiabetic	----do-----
Abundent	Rare	Medicinal	Fruit	Aesthetic value	----do-----
Abundent	Rare	Medicinal	Leaves	Aesthetic value	----do-----
Abundent	Abundant	Medicinal	Leaves	To treat insomnia , weight loss	----do-----
Abundent	Abundant	Medicinal	Fruit	diabetics	----do-----
Abundent	Rare	Medicinal	Leaves	Aesthetic	----do-----
Abundent	Rare	Medicinal	Fruit	Increases Heamoglobin count	----do-----
Abundent	Abundant	Medicinal	Leaves	Improves digestion	----do-----
Abundent	Abundant	Medicinal	Leaves	Treat in digestion	----do-----
Abundent	Abundant	Medicinal	Fruits	Diarrhea treatment	----do-----
Abundent	Rare	Medicinal	Stem	Treating bronchitis	----do-----
Abundent	Abundant	Medicinal	Root	Skin diseases	----do-----
Abundent	Rare	Medicinal	Fruit	Indigestion treatment	----do-----
Abundent	Rare	Medicinal	Fruit	Edible fruit	----do-----
Abundent	Abundant	Medicinal	Leaves, fruit	Treat diseases of blood and head, ulcers	----do-----
Abundent	Rare	Medicinal	Fruit	Vit.c , improves metabolism	----do-----

Abundent	Decreased	Medicinal	Fruit	Respiratory diseases	----do----
Abundent	Decreased	Medicinal	Fruit	Constipation ,diabetis	----do----
Abundent	Rare	Medicinal	Fruit	Use in snake bite	----do----
Abundent	Abundant	Medicinal	Fruit	Skin diseases	----do----
Abundent	Decreased	Medicinal	Fruit	Intestinal gas and constipation	----do----
Abundent	Decreased	Medicinal	Fruit	Fever,headache	----do----
Abundent	Decreased	Medicinal	Stem	Paralysis ,earpain etc	----do----
Abundent	Decreased	Medicinal	Flower , Leaf	Cough	----do----
Abundent	Rare	Medicinal	Fuit	Cough	----do----
Abundent	Decreased	Medicinal	Root	Diabities	----do----
Abundent	Rare	Medicinal	whole plant	Fever,headache	----do----
Abundent	Rare	Medicinal	fruit	Diabities	----do----
Abundent	Rare	Medicinal	Rhizome	Fever,cough	----do----
Abundent	Rare	Medicinal	Bark	Joint Pain	----do----

12

**Community/
Know.
Holders**

Local people

Local people

Local people

Local people

Local people

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6	7	8	9	10
Commercial/ non-commercial	Uses	Associated TK	Other details	Community/ Know. holder
Non-Commercial	Ornamental			
Non-Commercial	Ornamental			
Non-Commercial	Ornamental			
Non-Commercial	Ornamental			
Non-Commercial	Ornamental			
Non-Commercial	Ornamental			
Non-Commercial	Ornamental			
Non-Commercial	Ornamental			
Non-Commercial	Ornamental			

Format 14: Timber Plants / Trees

1	2	3	4	5	
Plant Type	Local Name	Scientific Name	Habitat	Local status	
				Past	Present
Tree	Chir	<i>Pinus roxburghii</i>	Wild	Abundant	Abundant
Tree	Khair	<i>Acacia catechu</i>	Wild	Abundant	Abundant
Tree	Kambel	<i>Lenea coromendilca</i>	Wild	Abundant	Abundant
Tree	Tun	<i>Toona ciliata</i>	Wild	Abundant	Abundant
Tree	Kamila	<i>Mallotus philippensis</i>	Wild	Abundant	Abundant
Tree	Phulai	<i>Acacia modesta</i>	Wild	Abundant	Decreased
Tree	Draink	<i>Melia azadarach</i>	Wild	Abundant	Abundant
Tree	Toot	<i>Morus alba</i>	Wild	Abundant	Decreased
Tree	Tali	<i>Dalbergia Sisoo</i>	Wild	Abundant	Decreased
Tree	Safeda	<i>Eucalyptus glabra</i>	Agri fields	Abundant	Not Available
Tree	Khirak	<i>Celtis australis</i>	Wild	Abundant	Decreased
Tree	Simbal	<i>Bombax ceiba</i>	Wild	Abundant	Decreased
Tree	Poplus	<i>Populus Spp</i>	Agri fields	Rare	Rare

6	7	8	9	10
Wild/ home- garden	Other uses (multi)	Associated TK	Other details	Community/ Know. holder
Wild	Timber			Bakerwal,locals
Wild	Timber	Medicinal		Locals
Wild	Timber			Bakerwal
Wild	Timber			Locals
Wild	Timber	Medicinal		Local natives of area
Wild	Timber	As tooth brush		Local natives of area
Wild	Timber	medicinal		Local natives of area
Wild	Timber	fruit		Local natives of area
Wild	Timber			Local natives of area
Wild	Timber			Local natives of area
Wild	Timber			Local natives of area
Wild	Timber			Local natives of area
Agri fields	Timber			Local natives of area

WILD BIODIVERSITY

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

1	2	3	4	5	6	
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status	
					Past	Present
Herb	Snatha	<i>Dodonea viscosa</i>	Herb	Wild	Abundant	Declined
Herb	Brenker	<i>Adhatoda vasica</i>	Herb	Wild	Abundant	Declined
Herb	Bhang	<i>Cannabis sativa</i>	Herb	Wild	Abundant	Abundant
Herb	Dhatura	<i>Datura stramonium</i>	Herb	Wild	Abundant	Declined
Shrub	Thor	<i>Euphorbia royleana</i>	Shrub	Wild	Abundant	Declined
Shrub	Akk	<i>Ipomea carnea</i>	Shrub	Wild	Abundant	Declined
Herb	Jari	<i>Parthenium hysterophrus</i>	Herb	Wild	Not Available	Abundant
Herb	Anar	<i>Punica granatum</i>	Herb	Wild	Abundant	Declined
Herb	Jojra	<i>Pupalia lappacea</i>	Herb	Wild	Abundant	Abundant
Herb	Bana	<i>Vitex nigundo</i>	Herb	Wild	Abundant	Abundant
Shrub	Timbru	<i>Zanthoxylum armatum</i>	Shrub	Wild	Abundant	Declined
Shrub	Amarbel	<i>Cuscuta reflexa</i>	Shrub	Wild	Abundant	Declined
grass	Doab grass	<i>Cyanadon dactylon</i>	grass	Wild	Abundant	Abundant
Herb	Puthkanda	<i>Achyranthes aspra</i>	Herb	Wild	Abundant	Declined
grass	Kai	<i>Sacharum spontanum</i>	grass	Wild	Abundant	Abundant
Shrub	Giloe	<i>Tinospora cardifolia</i>	Shrub	Wild	Abundant	Abundant
Herb	Tulsi	<i>Ocimum sanctum</i>	Herb	Domesticated	Abundant	Abundant
Shrub	Kasrod	<i>Diplazium esculentum</i>	Shrub	Wild	Abundant	Declined
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Wild	Abundant	Abundant
Tree	Khair	<i>Acacia catechu</i>	Tree	Wild	Abundant	Abundant

Tree	Kambel	<i>Lenea coromendilca</i>	Tree	Wild	Abundant	Abundant
Tree	Tun	<i>Toona ciliata</i>	Tree	Wild	Abundant	Abundant
Tree	Kamila	<i>Mallotus philippensis</i>	Tree	Wild	Abundant	Abundant
Tree	Phulai	<i>Acacia modesta</i>	Tree	Wild	Abundant	Abundant
Tree	Draink	<i>Melia azadarach</i>	Tree	Wild	Abundant	Declined
Tree	Toot	<i>Morus alba</i>	Tree	Wild	Abundant	Declined
Tree	Tali	<i>Dalbergia Sisoo</i>	Tree	Wild	Abundant	Declined
Tree	Safeda	<i>Eucalyptus Spp</i>	Tree	Wild	Abundant	Declined
Tree	Khirak	<i>Celtis australis</i>	Tree	Wild	Abundant	Abundant
Tree	Simbal	<i>Bombax ceiba</i>	Tree	Wild	Abundant	Declined
Tree	Jamun	<i>Syzigium cuminii</i>	tree	wild	Abundant	Declined

7	8	9	10	11
Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
Own use	Leaves	Cordage & Soil binder	Hedge	Locals
----do----	Leaves	Use in ripening of fruit	Cough syrup	Locals
----do----	Leaves	Sedative		Locals
----do----	Flower	Aesthetic value	Rituals	Locals
----do----	Stem	Food(mixed with curd)		Locals
----do----	Root	Live hedge	Soil binder	Locals
		Weed		Locals
Own use	Fruit	Fruit		Locals
----do----	Leaves	Weed		Locals
----do----	leaves	Aesthetic value & biopesticide	Rituals	Locals
----do----	Fruit	Appetite booster		Locals
----do----	Stem	Medicinal		Locals
----do----	Leaves	Fodder	Rituals	Locals
----do----	Stem	Aesthetic	Rituals	Locals
----do----	Leaves	Aesthetic	Fodder	Locals
----do----	Stem	Stomach treatment	Medicinal	Locals
----do----	Leaves	Aesthetic & Medicinal value	Medicinal	Locals
----do----	Fruit	Food		Locals
----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals

----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals
----do----	Stem	Timber	Construction work	Locals
----do----	fruit	Timber & medicinal	diabetes	locals

Format 19: Wild Plant Species of Importance

1	2	3	4
Sl. No.	Local Name	Scientific Name	Variety
1	Tarad	<i>Dioscorea belophylla</i>	Wild
2	Phulai	<i>Acacia modesta</i>	Wild
3	Simbal	<i>Bombax ceiba</i>	Wild
4	Palash	<i>Butea monosperma</i>	Wild
5	Krangal	<i>Cassia fistula</i>	Wild
6	Safeda	<i>Eucalyptus glabra</i>	Wild
7	Trimbal	<i>Ficus auriculata</i>	Wild
8	Bohar	<i>Ficus bengalensis</i>	Wild
9	Fagora	<i>Ficus palmata</i>	Wild
10	Rumble	<i>Ficus racemosa</i>	Wild
11	Kakoa	<i>Flacourtia indica</i>	Wild
12	Dhaman	<i>Grewia optiva</i>	Wild
13	Kamila	<i>Mallotus philippensis</i>	Wild
14	Aam	<i>Mangifera indica</i>	Wild
15	Draink	<i>Melia azedarach</i>	Wild
16	Toot	<i>Morus alba</i>	Wild
17	Chir	<i>Pinus roxburghii</i>	Wild
18	Jamun	<i>Syzigium cumini</i>	Wild
19	Beer	<i>Zyzyphus jujuba</i>	Wild
20	Reetha	<i>Sapindus mukorossi</i>	Wild

5	6
Importance (as economic, social, cultural etc.)	Status
Food	Fairly available
Medicinal value	Abundent
Economic	Declined , few are available
Food wrapping items, cultural, aesthetic	Declined , few are available
Medicinal importance	Abundent
Reduce cough,cold etc	Not Available
Fodder,fruit	Fairly available
Medicinal, cultival Aesthetic	Fairly available
Edible fruit,medicinal	Fairly available
Healing power, used in tongue sore	Fairly available
Used in snakebite,arthritis	Declined , few are available
Leaf fodder	Fairly available
As dye,antioxidant	Fairly available
Fruit	Fairly available
Medicinal &,timber value	Fairly available
Timber	Declined , few are available
Timber,resin,medicinal	Abundent
Fruit,medicinal	Fairly available
Food, medicinal	Fairly available
Medicinal value	Declined , few are available

Format 20: Aquatic Biodiversity

1 Local Name	2 <i>Scientific Name</i>	3 Variety	4 Features	5 Habitat	6 Local Status	
					Past	Present
Mahseer	<i>Tor tor</i>	Indigenous fauna	Bony fishes	Streams/lakes		Fairly available
Gold mahseer	<i>Tor putitora</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Kaid	<i>Labeo dero</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Kaid	<i>Labeo boga</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Kaid	<i>Labeo bata</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Punta	<i>Puntius conchanius</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Punta	<i>Puntius sophor</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Punta	<i>Puntius ticto</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Top	<i>Barilius vagra</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Top	<i>Barilius bendelisis</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Lass	<i>Schizothorax</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Moda	<i>Garra gotyla</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Nai	<i>Glypto thorax</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Rohu	<i>Labeo rohita</i>	Indigenous fauna	Bony fishes	Streams/lakes		Available
Toad	<i>Duttaphrynus melanostictus</i>	Indigenous fauna	toad	Streams /lakes		Abudent
Frog	<i>Sphearopheca breviceps</i>	Indigenous fauna	Frog	Streams/lakes		Abudent
Bull Frog	<i>Hoplobatrachus piginus</i>	Indigenous fauna	Frog	ponds		Abudent
Snake	<i>Krait</i>	Indigenous fauna	snake	Streams/tawi		Abudent
Snake	<i>Russels viper</i>	Fauna	Snake	Streams/lakes		Abudent

Water hyacinth	<i>Eichhornia crassipes</i>	Indigenous fauna	Aquatic plant	Streams/lakes		Fairly available
Water lettuce	<i>Pistia stratiotes</i>	Indigenous fauna	Aquatic plant	Streams/lakes		Fairly available
Lucky 4-leaf clover	<i>Marsillia mutica</i>	Indigenous fauna	Aquatic plant	Streams/lakes		Available
Money wort	<i>Bacopa monnieri</i>	Indigenous fauna	Aquatic plant	Streams/lakes		Available
Water popy	<i>Hydrocleys nymphoides</i>	Indigenous fauna	Aquatic plant	Streams/lakes		Available
Water lilly	<i>Nelumbo nucifera</i>	Indigenous fauna	Aquatic plant	Streams/lakes		Available

7	8	9	10
Uses	Associated TK	Other details	Community/ Knowledge Holder
Edible	-----	-----	-----
Edible	-----	-----	-----
Edible	-----	-----	-----
Edible	-----	-----	-----
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Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4
Sl. No.	Local Name	<i>Scientific Name</i>	Variety
1	Water hyacinth	<i>Eichhornia crassipes</i>	Local
2	Water lettuce	<i>Pistia stratiotes</i>	Local
3	Lucky 4-leaf clover	<i>Marsillia mutica</i>	Local
4	Money wort	<i>Bacopa monnieri</i>	Local
5	Water popy	<i>Hydrocleys nymphoides</i>	Local
6	Water lilly	<i>Nelumbo nucifera</i>	Local

5	6
Importance	Trends
Use as eggcollector in breeding of fish	-----
Use as eggcollector in breeding of fish	-----
-----	-----
-----	-----
-----	-----
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Format 22: Wild Plants of Medicinal Importance

1 Plant (Herb, Shrub, Tree)	2 Local Name	3 Scientific Name	4 Variety	5 Landscape / Habitat	6 Local Status	
					Past	Present
Herb	Datura	<i>Datura stromanium</i>	Wild/ indigenous	Wild	Abudent	Declined
Tree	Billan	<i>Aegle marmelos</i>	Wild/ indigenous	Wild	Abudent	Few are available
Shrub	Banah	<i>Vitex negundu</i>	Wild/ indigenous	Wild	Abudent	Declined
Shrub	Timru	<i>Xanthoxylum armatum</i>	Wild/ indigenous	Wild	Abudent	Declined
Tree	Fakor	<i>Ficus palmata</i>	Wild/ indigenous	Wild	Abudent	Declined
Tree	Trimbal	<i>Ficus auriculata</i>	Wild/ indigenous	Wild	Abudent	Declined
Tree	Behra	<i>Terminallia bellerica</i>	Wild/ indigenous	Wild	Abudent	Declined
Tree	Harad	<i>Terminallia chebula</i>	Wild/ indigenous	Wild	Abudent	Declined
Tree	Amla	<i>Emblica officinale</i>	Wild/ indigenous	Wild	Abudent	Declined
Shrub	Kakoa	<i>Flacourtia indica</i>	Wild/ indigenous	Wild	Abudent	Declined
Shrub	Thor	<i>Euphorbia royleana</i>	Wild/ indigenous	Wild	Abudent	Declined
Shrub	Phulai	<i>Acacia modesta</i>	Wild/ indigenous	Wild	Abudent	Abudent
Shrub	Anardana	<i>Punica granatum</i>	Wild/ indigenous	Wild	Abudent	Declined
Tree	Kayora	<i>Agave americana</i>	Wild/ indigenous	Wild	Abudent	Declined
Herb	Kainth	<i>Pyrus pashia</i>	Wild/ indigenous	Wild	Abudent	Declined
Shrub	Bhang	<i>Cannabis sativa</i>	Wild/ indigenous	Wild	Abudent	Abudent
Shrub	Ber	<i>Zyziphus jujuba</i>	Wild/ indigenous	Wild	Abudent	Declined
Herb	Brenkad	<i>Adhatoda vassica</i>	Wild/ indigenous	Wild	Abudent	Declined

Herb	Pudina	<i>Mentha arvensis</i>	Wild/ indigenous	Wild	Abundent	Abundent
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7	8	9	10	11
Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
	Used in pooja	Fruit	Domestic use	Local people
	Liver tonic	Fruit	Domestic use	Local people
	Pesticide	Leaves	Domestic use	Local people
	Apetite booster	Fruit	Domestic use	Local people
		Fruit	Domestic use	Local people
	Fodder	Fruit	Domestic use	Local people
	Trifla	Fruit	Domestic use	Local people
	Trifla	Fruit	Domestic use	Local people
	Trifla	Fruit	Domestic use	Local people
	Immunity booster	Fruit	Domestic use	Local people
	Mixed with curd	Stem	Domestic use	Local people
	Used as Tooth brush	Branche s	Domestic use	Local people
	Chutney	Fruit	Domestic use	Local people
	Pickles	Fruit	Domestic use	Local people
	Wild fruit	Fruit	Domestic use	Local people
	Sedative	Leaves	Domestic use	Local people
	Fodder	Fruit	Domestic use	Local people
	Pesticide	Leaves	Domestic use	Local people

	Improve apetite	Leaves	Domestic use	Local people
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Format 23: Wild relatives of Crops

1 Local Name	2 <i>Scientific Name</i>	3 Associated crop	4 Landscape / Habitat	5 Local Status	
				Past	Present
Ber	<i>Ziziphus Jujube</i>	<i>Zyzyphus mauritiana</i>	Wild	Abundant	Declined
Wild Grapes	<i>Vitis vinifera</i>	<i>Vitis vinifera</i>	Wild	Abundant	Declined
Local Mango	<i>Mangifera indica</i>	<i>Mangifera indica</i>	Wild	Abundant	Fairly available
Wild Mooth	<i>Phynchosia minima</i>	<i>Rhynchosia minima</i>	Wild	Abundant	Declined
Wild Kulthi	<i>Atylosia scarabaeoides</i>	<i>Macrotyloma uniflorum</i>	Wild	Abundant	Declined
Spiral Ginger	<i>Cheilocostus speciosus</i>	<i>Zingiber officinalis</i>	Wild	Abundant	Rare
Wild Palak	<i>Ajuga reptans</i>	<i>Spinacia oleracea</i>	Wild	Abundant	Rare
Geranium	<i>Geranium wallichiana</i>	<i>Geranium platypetalum</i>	Wild	Abundant	Rare
Wild haldi	<i>Curcuma aromatica</i>	<i>Curcuma aromatica</i>	Wild	Abundant	Rare
Wild karela	<i>Cydanthera pedata</i>	<i>Momordica charantia</i>	Wild	Abundant	Rare
Wild Strawberry	<i>Fragarai nubicola</i>	<i>Fragaria ananassa</i>	Wild	Abundant	Rare
Wild tupil	<i>Tulipa sylvestris</i>	<i>Tupil Spp.</i>	Wild	Abundant	Rare
Wild Musroom	<i>Agaricus bisporus</i>	<i>Agaricus bisporus</i>	Wild	Abundant	Rare
Batangi	<i>Pyrus serotina</i>	<i>Pyrus pashia</i>	Wild	Abundant	Declined
Wild Tobbaco	<i>Verbascum thapsus</i>	<i>Nicotiana</i>	Wild	Abundant	Declined
Wild Isbagool	<i>Plantago Spp</i>	<i>Plantago major</i>	Wild	Abundant	Abundant

6	7	8	9	10
Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
Edible fruit	Fruit	Used to cure cronic cough	Domestic use	Local People
Edible fruit	Fruit		Domestic use	Local People
Edible fruit	Fruit	Pickle	Domestic use	Local People
Pulses	Seed	Pulses	Domestic use	Local People
Pulses	Seed	Pulses	Domestic use	Local People
Spices	Rhizome	Used as substitute of ginger	Domestic use	Local People
Edible leaf	Leaf		Domestic use	Local People
Fragrance	Flower		Domestic use	Local People
Spices	Rhizome	Used as substitute of Haldi	Domestic use	Local People
Vegetable	Fruit	Used as substitute of Bitter guard	Domestic use	Local People
Edible fruit	Fruit	Eaten raw	Domestic use	Local People
Ornamental	Flower		Domestic use	Local People
vegetable	Whole plant	Used as veegtable	Domestic use	Local People
Edible fruit	Fruit		Domestic use	Local People
Smoking	Whole plant		Domestic use	Local People
Lexative	Flower		Domestic use	Local People

Format 24: Ornamental Plants

1	2	3	4	5
Local Name	Scientific Name	Variety	Habitat	Commercial / Non-commercial Uses
Amaltas	<i>Cassia fistula</i>	Wild	Wild	Ornamental/Medicine
African daisy	<i>Senecio pterophorus</i>	Wild	Wild	Ornamental/Medicine
Cheese berry	<i>Rubus ellipticus</i>	Wild	Wild	Ornamental/Medicine
Paper mulbery	<i>Broussonetia papyrifera</i>	Wild	Wild	Ornamental/Medicine
Garden violet	<i>Viola odorata</i>	Wild	Wild	Ornamental/Medicine
Indian borage	<i>Trichodesma indicum</i>	Wild	Wild	Ornamental/Medicine
South african daisy	<i>Senecio inaequalis</i>	Wild	Wild	Ornamental/Medicine
Thistle	<i>Sonchus asper</i>	Wild	Wild	Ornamental/Medicine
Creeping wood sorrel	<i>Oxalis corniculata</i>	Wild	Wild	Ornamental/Medicine
California leek	<i>Melilotus indicus</i>	Wild	Wild	Ornamental/Medicine
Melancholy thistle	<i>Cirsium heterophyllum</i>	Wild	Wild	Ornamental/Medicine
Fine leaf fumitory	<i>Fumaria pasriflora</i>	Wild	Wild	Ornamental/Medicine
Spanish needle	<i>Pridens pilosa</i>	Wild	Wild	Ornamental/Medicine
Round leaf crane's bill	<i>Geranium rotundifolium</i>	Wild	Wild	Ornamental/Medicine
Physic nut	<i>Jatropha curcas</i>	Wild	Wild	Ornamental/Medicine
Datura	<i>Datura metel</i>	Wild	Wild	Ornamental/Medicine
Chain of love	<i>Antigonon leptopus</i>	Wild	Wild	Ornamental/Medicine
Ivy gourd	<i>Coccoloba grandis</i>	Wild	Wild	Ornamental/Medicine
India licorice	<i>Abrus precatorius</i>	Wild	Wild	Ornamental/Medicine
Wild Ocimum	<i>Leucas aspera</i>	Wild	Wild	Ornamental/Medicine
Beggar ticks	<i>Bidens frondosa</i>	Wild	Wild	Ornamental/Medicine
Shirazi tea	<i>Woodfordia fruticosa</i>	Wild	Wild	Ornamental/Medicine
Fern	<i>Adiantum pedatum</i>	Wild	Wild	Ornamental/Medicine
Kamala tree	<i>Mallotus philippensis</i>	Wild	Wild	Ornamental/Medicine
Wild strawberry	<i>Fragaria vesca</i>	Wild	Wild	Ornamental/Medicine
Chinese violet	<i>Telosma cordata</i>	Wild	Wild	Ornamental/Medicine
Tobacco	<i>Nicotiana glauca</i>	Wild	Wild	Ornamental/Medicine
Interrupted fern	<i>Osmunda claytoniana</i>	Wild	Wild	Ornamental/Medicine

Yello fruit night shade	<i>Solanum virginiamun</i>	Wild	Wild	Ornamental/Medicine
Obscure morning gloy	<i>Ipomoer obscurr</i>	Wild	Wild	Ornamental/Medicine
Slender watervine	<i>Cayrater trifolia</i>	Wild	Wild	Ornamental/Medicine
bye indigo	<i>Indigofera tinctoria</i>	Wild	Wild	Ornamental/Medicine
Morning gloy bush	<i>Ipomia cernea</i>	Wild	Wild	Ornamental/Medicine
Tellicherry back	<i>Holarrhenra pubescendens</i>	Wild	Wild	Ornamental/Medicine
Common prickly pear	<i>Opuntia monacantha</i>	Wild	Wild	Ornamental/Medicine
American sicklepod	<i>Senna obtusifolia</i>	Wild	Wild	Ornamental/Medicine
Oleander	<i>Nerium oleander</i>	Wild	Wild	Ornamental/Medicine
Jhkhya	<i>Cleome viscosa</i>	Wild	Wild	Ornamental/Medicine
Awna	<i>Boerhavia repens</i>	Wild	Wild	Ornamental/Medicine
Tiger's clen	<i>Martymia annua</i>	Wild	Wild	Ornamental/Medicine
Chocolate wood	<i>Melochia corchorifolea</i>	Wild	Wild	Ornamental/Medicine

6	7	8
Associated TK	Any other Detail	Community/ Knowledge Holder
----		Local people
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Format 25:**Fumigate /**

1	2	3	4	5	6
Plant (Herb, Shrub, Tree)	Local Name	Scientific	Variety	Habitat	Local
					Past
Shrub	Nimbu	<i>Citrus lemon</i>		Slopy/plain	Adudent
Herb	Puthkanda	<i>Achyranthes aspera</i>		Hilly	Adudent
Shrub	Lemon grass	<i>Cymbopogon citrates</i>		Plain	Adudent
Tree	Khair	<i>Acacia catechu</i>		Hilly	Adudent
Herb	Payaz	<i>Allium cepa</i>		Plain	Adudent
Herb	Thoom	<i>Allium sativum</i>		Plain	Adudent
Herb	Adhrak	<i>Zingiber officinale</i>		Plain	Adudent
Tree	Neem	<i>Azadirachta indica</i>		Plain	Adudent
Tree	Simbloo	<i>Berberis lyceum</i>		Hilly	Adudent
Shrub	Bhang	<i>Cannabis sativa</i>		Hilly /plain	Adudent
Tree	Papita	<i>Carica papaya</i>		Plain	Adudent
Herb	Haldi	<i>Curcuma longa</i>		Hilly	Adudent
Shrub	Brenker	<i>Adhatoda vasica</i>		Hilly	Adudent
Shrub	Geloy	<i>Tinospora cardifolia</i>		Plain/hilly	Adudent
Herb	Ashavgandha	<i>Withania sominifera</i>		Plain/slopy	Adudent
Shrub	Geloy	<i>Tinospora cardifolia</i>		Plain/hilly	
Herb	Aloevera	<i>Aloe barbadensis</i>		Plain/slopy	

	7	8	9	10	11
	Uses	Part	Associated	Other details	Community
Present					
Rare	As food	Fruit	Vit.c source	Replaced wild grafted	Local people
Adudent	Medicine	Leaves	Aesthetic value		Gujjar
Rare	Medicine	Leaves	.....		Gujjar
Adudent	Timber	Stem	Conjunctivitis		bakerwal
Adudent	Food	Stem	Diabetis		Gujjar
Adudent	Food	Bulb	High b.p		Gujjar
Adudent	Food	Root	Digestion		Bakerwal
Rare	Medicine	All	Leprosy		Mix
Rare	Medicine	All	Diabetis		Mix
Adudent	Medicine	Leaves	Sedative		Locals
Fairly available	Food	Fruit	Fruit		Locals
Adudent	Food	Root	Antiseptic		Locals
Adudent	Medicine	Leaves	preservative		Locals
Adudent	Medicine	Stem	Pharmaceutical		Locals
Rare	Medicine	All	Skin treatment		Locals
present	Medicine	Stem	pharmaceutical		Locals
present	medicine	All	Skin treatment		Locals

Format 26: Timber Plants

1	2	3	4		5
Local Name	Scientific Name	Habitat	Local Status		Other Uses, if any
			Past	Present	
Chir	<i>Pinus roxburghii</i>	Wild	Adudent	Adudent	Resin
Tun	<i>Toona ciliata</i>	Wild	Adudent	Declined	Timber
Drek	<i>Melia azadirach</i>	Wild	Adudent	Declined	Medicinal
Toot	<i>Morus alba</i>	Wild	Adudent	Declined	Timber
Tali	<i>Dalbergia sissoo</i>	Wild	Adudent	Declined	Timber
Safeda	<i>Eucalyptus globulus</i>	Wild	Adudent	Rare	Edible oil
Khirak	<i>Celtis australis</i>	Wild	Adudent	Declined	Timber
Simbal	<i>Bombax ceiba</i>	Wild	Adudent	Declined	Cotton fiber
Fly	<i>Acacia modesta</i>	Wild	Adudent	Adudent	Medicinal
Khair	<i>Acacia catechu</i>	Wild	Adudent	Adudent	Medicinal
Kamila	<i>Mallotus philippensis</i>	Wild	Adudent	Declined	Medicinal
Kambel	<i>Lenea coromendlica</i>	Wild	Adudent	Adudent	Timber
Akhroot	<i>Juglans regia</i>	Wild	Adudent	Rare	Medicinal

6	7	8
Associated TK	Other Details	Community/ Knowledge Holder
Timber	Available in Wild	Bakerwal and local public
Cotton fiber	Declined due to use in joinery industry	Local natives of area
Timber	Declined due to use in joinery industry	Local natives of area
Fruit	Replaced with Hybrid Shehtut	Local natives of area
Timber	Declined due to borer attack	Local natives of area
Timber	Not favoured by locals	Local natives of area
Edible seed	Over use in Joinery industry	Local natives of area
Timber	Reason not known	Local natives of area
Timber	Available in Wild	Local natives of area
Timber	Available in Wild	Local natives of area
Timber	Reason not known	Local natives of area
Timber	Available in Wild	Local natives of area
Edible fruit	Reason not known	Bakerwal, Locals

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

1	2	3	4	5
Animal Type	Local Name	Scientific Name	Habitat	Description
Carnivore	Eil	<i>Aegyptius monachus arboreal</i>	Forest	Bird
Herbivore	Titli	<i>Précis hierta arboreal</i>	Forest	Insect
Omnivore	Trida	<i>Poecilocerus pictus</i>	Forest	Insect
Omnivore	Murga	<i>Gallus galus</i>	Forest	Bird
Carni	Kaag	<i>Corvus splendens</i>	Forest	Bird
Omni	Papiya	<i>Clamotor jacopines</i>	Forest	Bird
Carnivore	Demak	<i>Calotermes domesticus</i>	Forest	Insect
Carnivore	Kronkal	<i>Scolopendra morsitans</i>	Forest	Insect
Herbivore	Khargosh	<i>Lepus nigricolis</i>	Forest	Mammal
Carnivore	Chamgadard	<i>Pteropus gigantea</i>	Forest	Mammal
Carnivore	Mynah	<i>Acridotheres tristis</i>	Forest	Bird
Carnivore	Gedhad	<i>Canis aureus</i>	Forest	Mammal
Omnivore	Gilhari	<i>Fanambulus pennati</i>	Forest	Mammal
	Chakki	<i>Helix aspera</i>	Forest	Insect
Omnivore	Bagla	<i>Bubalcuribis</i>	Forest	Bird
Carnivore	Mendak	<i>Rana tigrina</i>	Forest	Amphibian
Herbivore	Madhumakhi	<i>Apis dorsata</i>	Forest	Insect
Omnivore	Moor	<i>Pavo cristatus</i>	Forest	Bird
Carnivore	Saamp	<i>Naja naja</i>	Forest	Reptile
Omnivore	Bander	<i>Simiformes catarrhini</i>	Forest	Mammal
Carnivore	Leopard	<i>Panther pardus</i>	Forest	Mammal
Bird	Eurasian Eagle Owl	<i>Bubo bubo</i>	Forest	Bird
Bird	Oriental Magpie Robin	<i>Copsychus sauloris</i>	Forest	Bird
Bird	Scaly breasted munia	<i>Lonchura punctulate</i>	Forest	Bird
Bird	Long tailed minivet	<i>Pericrocotus ethologus</i>	Forest	Bird

Bird	Eurasian collared dove	<i>Streptopelia decaocto</i>	Forest	Bird
Bird	Slaty headed parakeet	<i>Psittacula himalayana</i>	Forest	Bird
Bird	Yellow billed blue Magpie	<i>Urocissa flavirostris</i>	Forest	Bird
Bird	Himalayan Swiftlet	<i>Aerodramus brevirostris</i>	Forest	Bird
Bird	Asian koel	<i>Eudynamis scolopaceus</i>	Forest	Bird
Bird	Hair crested drongo	<i>Dicrurus hottentottus</i>	Forest	Bird
Bird	Brown crake	<i>Drongo zepornia akool</i>	Forest	Bird
Bird	Jungle prinia	<i>Prinia sylvatica</i>	Forest	Bird
Bird	Black red start	<i>Phoenicurus ochruros</i>	Forest	Bird
Bird	White breasted weterhen	<i>Amaurornis phoenicurus</i>	Forest	Bird
Bird	Eurasion Hoopoe	<i>Upupa epops</i>	Forest	Bird
Bird	Barn Swallow	<i>Hirundo rustica</i>	Forest	Bird
Bird	White tailed eagle	<i>Haliaeetus albicilla</i>	Forest	Bird
Bird	Bron snake eagle	<i>Circeatus cinereus</i>	Forest	Bird
Bird	Himalaya Prinia	<i>Prinia crinigera</i>	Forest	Bird
Bird	Blue throated barbet	<i>Psilopogen asiaticus</i>	Forest	Bird
Bird	Black francolin	<i>Francolinus francolinus</i>	Forest	Bird
Bird	Shikra	<i>Accipiter badius</i>	Forest	Bird
Bird	Yellow throated sparrow	<i>Gymnoris xanthocollis</i>	Forest	Bird
Bird	Khalij pheasant	<i>Lophura leucomelanos</i>	Forest	Bird
Bird	India roller	<i>Coracias benglodensis</i>	Forest	Bird
Bird	Pied bushchat	<i>Saxicola caprate</i>	Forest	Bird
Bird	Oriental honey buzared	<i>Pernis ptiloshynchus</i>	Forest	Bird
Bird	Long billed crow	<i>Corvus mmacrorhynchos</i>	Forest	Bird
Bird	White throated kingfisher	<i>Halcyon smyrnensis</i>	Forest	Bird
Bird	Cattle egret	<i>Bubulcus ibis</i>	Forest	Bird
Bird	Cinereous tit	<i>Parus cinereus</i>	Forest	Bird
Bird	Rufous treepie	<i>Dendrocitta vagabunda</i>	Forest	Bird
Bird	Black drango	<i>Dicrurus macrocercus</i>	Forest	Bird
Bird	India grey hornbill	<i>Ocyceros birostris</i>	Forest	Bird
Bird	Common myna	<i>Acridotheres tristis</i>	Forest	Bird
Bird	Purple sunbird	<i>Cinnyris corone</i>	Forest	Bird
Bird	Blue whistling thrush	<i>Myophonus caeruleus</i>	Forest	Bird

Bird	Fulious brasted wood peckle	<i>Dendrocopos macci</i>	Forest	Bird
Bird	Greater coucal	<i>Centropus sinensis</i>	Forest	Bird
Bird	Grey hooded warbler	<i>Phylloscopus xanthosehistos</i>	Forest	Bird
Bird	Rock Pigeon	<i>Columba livia</i>	Forest	Bird
Bird	Rose ringed parakeet	<i>Psittacula urameri</i>	Forest	Bird
Bird	Grey francolin	<i>Ortygornis pondicerianus</i>	Forest	Bird
Bird	Red capped red start	<i>Phoemicurus leueocephalus</i>	Forest	Bird
Bird	House Crow	<i>Corvus splendens</i>	Forest	Bird
Bird	Chir Pheasant	<i>Catreus wallichii</i>	Forest	Bird
Bird	Sarkeer markoha	<i>Phaenicophaeus laschenaul</i>	Forest	Bird
Bird	Pea Fowl	<i>Pavo cristatus</i>	Forest	Bird
Animal	Barking Dear	<i>Muntiacus</i>	Forest	Animal
Animal	Rabbit	<i>Oryctolagus cuniculus</i>	Forest	Animal
Animal	Wild boar	<i>Sus scrofa</i>	Forest	Animal
Bird	House sparrow	<i>Passer domesticus</i>	Forest	Bird
Animal	Fox	<i>Vulpes</i>	Forest	Bird

6	7		8	9	10	11
Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details
	Past	Present				
November-December	Abundant	Rare	Scvanger		Nil	
All season	Abundant	Abundant	Nector collector		Nil	
October-November	Abundant	Abundant	Pollination		Nil	
All season	Abundant	Abundant	Eggs		Nil	
All season	Abundant	Abundant	Bioremediation		Nil	
July-August	Abundant	Rare	Pollination		Nil	
June-July	Abundant	Abundant	Decomposer		Nil	
July-August	Abundant	Rare	Decomposer		Nil	
All Year	Abundant	Fairly available	Meat		Nil	
All Year	Abundant	Abundant	pollination		Nil	
All Year	Abundant	Abundant	Pollination		Nil	
All Year	Abundant	Abundant	Carnivorus		Nil	
All Year	Abundant	Abundant			Nil	
July-August	Abundant	Abundant	Pollination		Nil	
All Year	Abundant	Abundant	Scavenger		Nil	
july-September	Abundant	Abundant	Scavenger		Nil	
All Year	Abundant	Rare	Honey		Nil	
All Year	Abundant	Abundant	Aesthetic value		Nil	
June-September	Abundant	Rare	.....		Nil	
All Year	Abundant	Abundant	.....		Nil	
July	Abundant	Rare	.....		Nil	
All season	Abundant	Rare	.....		Nil	
All season	Abundant	Abundant	.....		Nil	
All season	Abundant	Abundant	.....		Nil	
All season	Abundant	Abundant	.....		Nil	

All season	Abundant	Abundant	.....		Nil	
All season	Abundant	Abundant	.....		Nil	
All season	Abundant	Abundant	.....		Nil	
All season	Abundant	Abundant	.....		Nil	
All season	Abundant	Abundant	.....		Nil	
All season	Abundant	Abundant	.....		Nil	
All season	Abundant	Abundant	.....		Nil	
All season	Abundant	Abundant			Nil	
All season	Abundant	Rare			Nil	
All season	Abundant	Rare			Nil	
All season	Abundant	Abundant			Nil	
All season	Abundant	Abundant			Nil	
All season	Abundant	Abundant			Nil	
All season	Abundant	Abundant			Nil	
All season	Abundant	Rare			Nil	
All season	Abundant	Abundant				

**Community/
Knowledge Holder**

Local natives of area

Locals

Locals

Bakerwal

Bakerwal

Locals

Locals

Locals

Locals

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Locals

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Locals

Format 31: Any other information of local importanc

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Sr. No.	Information of local

End of Part II

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Remarks