People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Mangal devi-A
Taluk: Seri
District: Rajouri
State: J&K
Geographical Area of the Panchayat Samiti: 1235.53 (Acres)
Population under the Panchayat Samiti: Total 1130
Male 605 Female 525
Habitat and Topography: Forest, Hilly, Natural
Climate (Rainfall, Temperature and weather patterns) All weather
Land Use (Nine fold classification available with village records)
Date, Month and Year of PBR Preparation 22/08/2020
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body; not less than one third to be women and not less than 18% belonging to SC/ST) 1)Name of the Chairperson: Balwant Raj 63 Yrs Age: Gender: Male Address: Mangal Devi-A Area of specialization: Sarpanch 2) Name: Nobat Ram Age: 47 Yrs Gender: Male Address: Mangal Devi-A Area of specialization: Member secretary (VLW) 3)Name: Sureshta Devi 68 Yrs Age: Gender: Female Mangal Devi-A Address: Area of specialization: Member 4)Name: Kiran Bala 42 Yrs Age: Gender: Female Address: Mangal Devi-A Area of specialization: Member Ashok Kumar 5)Name: 40 Yrs Age: Gender: Male Address: Mangal Devi-A Area of specialization: Member 6)Name: Prem Singh Age: 60 Yrs Gender: Male Address: Mangal Devi-A Area of specialization: Member 7)Name: Bishan Dass Age: 46 yrs Gender: Male Address: Mangal Devi-A Area of specialization: Member 8)Name: Vijay Kumar 58 yrs Age: Gender: Male Address: Mangal devi-A

Area of specialization: Member

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: Khoja Ram S/O Amar Nath
Age: 65 Yrs
Gender: Male
Address: Mangal Devi-A
Area of specialization: Vaid
Location from which the person accesses biological material: All diseases
Perception of the practitioner on the resource status:N/A
Medicinal Use:N/A
2) Name: Sham Lal S/O Bhagat Ram
Age: 90 Yrs
Gender: Male
Address: Mangal Devi-A
Area of specialization: Animal treatment
Location from which the person accesses biological material: N/A
Perception of the practitioner on the resource status:N/A
Medicinal Use:N/A
3) Name:N/A
Age:N/A
Gender:N/A
Address:N/A
Area of specialization:N/A
Location from which the person accesses biological material: N/A
Perception of the practitioner on the resource status:N/A
Medicinal Use:N/A

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
Name of the Chairperson: Naresh Paul
Age: 45 Yrs
Gender: Male
Address: Mangal Devi-A
Area of specialization: Fisheries
2) Name of the Chairperson: Dharam Paul
Age: 70 Yrs
Gender: Male
Address: Mangal Devi-A
Area of specialization: Agriculture
3) Name of the Chairperson:N/A
Age:N/A
Gender:N/A
Address:N/A
Area of specialization:N/A
4) Name of the Chairperson:N/A
Age:N/A
Gender:N/A
Address:N/A
Area of specialization:N/A

De inv	etails of schools, colleges, dep volved in the preparation of	artments, universities, government institutions, non-governmental organization and individuals the PBR
1)	Contact Person:	9419955626
	Name and Address:	Rakesh Kumar S/O Krishan lal R/O Mangal Devi-A
	Name and Address:	Anil Kumar S/O Kuldeep Raj R/O Mangal Devi-A
3)	Contact Person:	N/A
	Name and Address:	N/A
4)	Contact Person:	N/A
	Name and Address:	N/A
Yo	ou may add names of more in	astitutions/NGO/Individuals etc, if necessary

Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing

S.no	Name and address of the Person/Institute/company others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the Panchayat	Detail of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared
	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

Format 1: Crop Plants

1	2	3	4	5	6		7	8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape / Habitat	Approx. area shown	Local Past	Status Present	Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
Maize	Zea mays	Makka	Rasi4794, Kh517, Kh-612, DD	Hilly & Lower Hills		Plenty	Plenty	HYV, Resistant to Draught and lodging	Kharif	Food/ Fodder	Stapple Food		Agri. Deptt.	Farmers
Wheat	Triticum aestivum	Gandham	Raj 3765, HD 2967, HD 3086	Hilly & Lower Hills		Plenty	Plenty	HYV, Draught Resistant, Short Duration	Rabi	Food / Fodder	Stapple Food		Agri. Deptt.	Farmers
Mustard	Brassica juncea	Sarson	Pusa bold, Gobi Sarson	Cool & dry		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. Deptt.	Farmers
Red Kidney Beans	Phaseoius vulgaries	Rajma	Local Variety	Hilly & Temprate		Rare	Normal	Medium Yielding	Kharif(May to October)	Source of Protein/Ener gy	Preferred food for parties as well as domestic consumption	Food	Agri. Deptt.	Farmers
Bottle Guard	Lagenaria siceraria	Kaddu	PSPL, Punjab Komal	Sub tropical & intermediate		Normal	Normal	Green Veg.	Khaif	Green Veg	Green Veg		Agri. Deptt./Local	Farmers
Knol Khol	Brassica Oleracea	Kadam	King of Market, White Vienna, Purple Vienna	Sub tropical & intermediate		Normal	Normal	Green Leafy Veg.	Rabi	Swollen stem and leaves are consumed as vegetables			Agri Deptt./Local	Farmers
Cauliflower	Brassica oleracae var.botrytis	Ful gobi	Pusa snow ball, Pusa katki, Girja	Sub tropical & intermediate		Normal	Normal		Rabi	Curd used as vegetable	Also good source of protein, carbohydrate,ph osporus and Iron		Agri Deptt./Local	Farmers
Cabbage	Brassica oleracae var.capitata	Band Gobi	Golden Acre, Pride of India, Green Flesh	Sub tropical & intermediate		Normal	Normal	Round head green colour	Rabi	Head used as vegetable Salad	Also good source of protein, carbohydrate,ph osporus and Iron		Agri Deptt./Local	Farmers
Tomato	Solanum lycopersicum	Tamater	Pusa Rubi, Pusa Early Dwarf, Manisha Plus/Local	Sub tropical & intermediate		Normal	Normal		Kharif	Rich in Ascorbic acid	Tomatoes are rich in iron & vitamin A & C	Used as vegetable Salad, Soup	Agri Deptt./Local	Farmers

Onion	Allium cepa	Pyaj	Pusa Red, Nasik Red, N-53, Liberty	Cool Weather at vegetative stage followed by warm weather at bulb stage	Normal	Normal		Rabi	Vegetable & Salad use	Good source of dietary fiber, vitamin B6, C, Pottassium and folic acid		Agri Deptt./Local	Farmers
Potato	Solanum tuberosum	Aaloo	Kufri Sindhuri, Kufri badsha, kufri jyoti	Potato is an herbaceous annual, require cool weather, mostly rainfed condition	Normal	Normal	Tubers are round to ovoid, creamish white to light red in colour with shallow eyes		under ground tubers are used as vegetable egips etc.		High carbohydrate	Agri Deptt./Local	Farmers

Format 2: Fruit Plants

Plant	Scientific Name	Local Name	Variety	Landscape/ Habitat	Loca Past	l Status Present	Source of Seed /Plants	Season of Fruiting	Associated TK	Uses	Other details market/Own use	Communicate/ Knowledge holder
Mango	Mangifera indica	Aam	Desi, Dusheri, Malda	Subtropical	Plenty	Plenty	Nurseries	June-August		Fruit,Pickling , Preserves	Maketing, own use	Knowledge noder
Citrus fruits	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	
Guava	Psidium guajava	Amrood	Local, L-49, Allahabadi Safeda etc.	Subtropical	Plenty	Plenty	Nurseries	July-August		Fruit	Maketing, own use	
Grapes	Vitis vinifera	Angoor	Local Dakh, Perlette,	Subtropical,Mid hills	Rare	Rare	Nurseries	July-August		Fruit		
Aonla	Phyllanthus emblica	Ambla	Local selection , NA-7	Subtropical	Plenty	Plenty	Nurseries, local collection	Nov-Dec		Pickling, Preserves, Juices etc.	Maketing , own use	
Ber	Zizyphus mauritiana lamk.	Ber	gola, Banarasi	Subtropical	Plenty	Rare	local raised	July-August		Fruit	Own use	
Pomegran ate	Punica granatum	Anar, Druni	Ganesh, Kandhari, Local	Subtropical, mid hills	Rare	Rare	Nurseries, locally raised, wild	May-August		Fruit, anardana	Own use	
Pear	Pyrus spp.	Nakh	Patharnakh, China pear	Mid hill	Plenty	Plenty	Nurseries	Aug-Sept		Fruit	Own use	
Peach	Prunus persica(L.) batsch.	Aaroo	July Elberta, Quetta	Mid hill	Rare	Rare	Nurseries	June-July		Fruit	Maketing , own use	
Apricot	Prunus armeniaca	Khubani, Sadi	Local apricot, Bebco	Mid hills	Plenty	Plenty	Nurseries	June-July		Fruit	Own use	
Pecan	Carya illinoenis	Pecan	Western shelley	Mid hills /Temperate	Rare	Rare	Nurseries	Sept-Oct		Dry Fruit	Marketing	

Plum	Prunus salicinia	Aaloo Bukhara	santa Rosa, Allubukhara	Mid Hills	Rare	Rare	Nurseries, locally raised	July-August		Fruit	Maketing , own use	
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Format 3: Fodder Crops / Species

1	2	3	4		5	6	7	8	9	10
Plant	Scientific	Local	Landscape / Habitat	Local	Status	Source of Plants / Seeds	Associated	Part	Other details	Community / Knowledge
Tiant	Name	Name	Lanuscape / Habitat	Past	Present	Source of Flants / Secus	TK	Used	Other details	holder
Oats	Avena sativa	Javi	Sub tropical/Intermediate	Rare	Rare	Agri. Deptt/ Local	Nutrious & Palatable Fodder	Whole Part	Suitable for fodder	Farmers
Sorghum	Sorghum spp.	Charry/Jawar	Sub tropical/Intermediate	Rare	Plenty	Agri. Deptt/ Local	Source of energy	Whole Part	Suitable for fodder	Farmers
Barseem	Trifolium alexandrinum	Shatala	Sub tropical/Intermediate	Rare	Rare	Agri. Deptt/ Local	Nutrious & Palatable Fodder	Whole Part	Suitable for fodder	Farmers
Chilli	Capsicum annuum	Mirch	Sub tropical/Intermediate	Rare	Rare	Agri. Deptt/ Local	Village Head	Dry fruit	Contains good amount of Vitamin A & C	Farmers
Ginger	Zingiber officinale	Adrak	Sub tropical/Intermediate	Rare	Rare	Agri. Deptt/ Local	Medicinal Value	Rhizome	Spice use	Farmers
Garlic	Allium sativum	Thom	Sub tropical/Intermediate	Rare	Rare	Agri. Deptt/ Local	Medicinal Value	Clove	Spice use	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
Plant	Scientific Name	Local Name	Affected crop	Impact	Landscape / Habitat	Loca	l Status	Uses if	Management options	Associated TK	Other details	Community / Knowledge
T Main	Scientific (valid	Local Ivalie	Ameeted crop	Impact	Emiliscape / Habitat	Past	Present	any	Management options	Associated TK	like exotic	holder
Guli Danda	Phalaris minor	Sitti	Wheat	Compete with crop	Sub tropical / Intermediate	Plenty	Plenty	Nil	Chemical/ Manual Control	Source for high quality protein	Local	Farmers
Parathenium	Parthenium hysterophorus	Congress Grass	All crops	Alleopathy effect reduce yield	Sub tropical / Intermediate	Rare	Plenty	Nil	Chemical/ Manual Control	Abnoxious weed difficult to manage	exotic	Farmers
Bathua	Chenopodium album	Bathua	Wheat, Vegetables	Compete with main crop for space and nutrients	Sub tropical / Intermediate	Plenty	Plenty	Leavy Vegetables	Chemical Control	Rich source of protein, Vit. A, Calcium, Phasporus and Potash	Used as green vegetable	Farmers
Wild Oats	Avena spp.	Jungli Javi	Wheat	Compete with main crop for space and nutrients	Sub tropical / Intermediate	Plenty	Plenty	Green fodder for animals	Chemical/ Manual Control	Source for high quality protein	Local	Farmers
Bhang	Cannabis sativa	Bhang	Maize, Wheat,Vegetabl es	Alleopathy effect compete with crop	Sub tropical / Intermediate	Plenty	Plenty	Psychoacti ve effects	Chemical/Manual Control	Intoxicating causes dehydration, nausea and headache	Local	Farmers
Barnyard grass	Achinocloa crusgalli	Swanki	Rice/ Maize	Compete with crops	Sub tropical / Intermediate	Plenty	Plenty	Fodder and Animals	Chemical/Manual Control	nil	Local	Farmers

Nut Grass	Cyprus rotandus	Dilla/Motha	Paddy, Maize, Vegetable	Perennial	Agri. & Non Agri Land	Plenty	Plenty	Fodder and Animals	Physical, Mechanical, Chemical	Nil	Traditionally used as medicine	Farmers

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
Rice	Rice Hispa	Dicladispa armigera	Kali pundi	Sub tropical/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Rice	Stem borer	Scirpophaga incertulas	Dhain Ka-Kida	Sub tropical/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Maize	Blister Beetle	Mylabris phalerata	Bhundi	Sub tropical/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Maize	Cut Worm	Agrotis spp.	Makki Ka kida	Sub tropical/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Maize	Maize stem borer	Chilo partellus	Sundi	Sub tropical/ interemedite	July to Sept.	Mechanical/ Chemical Control	-	Causes dead hearts in young plants	Farmers
Maize/ Wheta	Termite	Odontotermes obesus	Sink	Sub tropical/ interemedite	Kharif/ Rabi	Chemical Control	-	Feed on crop leaves	Farmers
Brinjal/ Tomato	Fruit Borer	Helicoverpa armigera	Sundi	Sub tropical/ interemedite	Kharif	Chemical Control	-	Feed on crop leaves	Farmers
Wheat/Maize/ Rice	Rat	Tatera indica	Chuha	Sub tropical/ interemedite	Kharif/ Rabi	Chemical Control	1	Feed on crop leaves	Farmers
Maize /Potato	Porcupine	Erethizon dorsatum	She	Sub tropical/interemedite	Kharif/ Rabi	NA	-	Feed on Potato tubers, vegetables and crops	Farmers
Mustard	Aphide	Lipaphis erysimi	Aphid tilla	Sub tropical/ interemedite	DecMarch	Chemical Control	-	-	Farmers

Other details may include possible reasons for insects/animal attack

Format 6: Markets for Domesticated animals

1	2	3	4	5	6	7	8	9
Name of the market & location	Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1]	Types of animals bought and sold [2]	Types and Average Number of animals transacted in a day	Places from which animals are brought	Places to which the animals are sold / transported	Name and location of fish market	Types of fishes sold	Source of fish

Note: [1] (D) – day; (M) – month;
[2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast / tribe	Social condition	Nature of inhabitants	No. of HHs

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.

Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc

How the community manages the landscapes they use for satisfying different needs, their strategies and perception

How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

Format 8: Landscape

	1		2	3	4	5	6	7	8	9	10	11	12
Major	Landscape	es											
Agricultural land	Agricultural land Pond Fallow land		Sub - Landscapes	Feature s and approx. area	Ownershi p	General flora	General fauna	User groups	Manageme nt practices	General uses	Associated TK	Other details	Community accessed
	•												

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

Format 9: Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed

Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc.,

Format 10: Soil type

1	2	3	4	5	6	7	8
Soil Type	Color & Texture	Features	Soil management	Plants / crop suitable	Flora and fauna	Associated TK	Other information
Brown earth	Brown fine particles	Water holding capacity, porous		Kharif and rabi crops all herbicious and woody plants	Earthworm, becteria, fungi, algae, protozoa, nematodes,acarids		
Red Soil	Red	water holding capacity, anchoring property, xerophytic		Cactus species, ganira,agave	nematode, round worm, scorpion, lichen		
Sandy soil	Light grey color, coars texture	Highly porous low nutrients poor water holding exapacity		All herbicious plants, angiosperms and gymnosperms, maiz, barley, wheat, amla	Bacteria, fungi, algae, protozoa, earthworm nematodes, acarids, ant, centipede, milipede		
Clay	Light brown	Water holding capacity, anchoring property, xerophytic		ganira, agave cactus, aloe vera	Bacteria, fungi, algae, protozoa, earthworm nematodes, acarids, ant, centipede, milipede		

Format 11: Fruit Trees

1	2	3	4	6		7	8	9	10	11	12	13
					Loc	al Status					04 14 3	
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Past	Present	Source of plant/seeds	Season of Fruiting	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
	·											
	·											

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

1	2	3	4	5	6		7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Loc	al status	Uses (usage)	Part used	Associated TK	Other details market/own	Community/ Know. Holders
						Past	Present				use	Holders
Tree	kamila	Mallotus phillippensis	one	Forest	Natural	Rare	Increase	H.med	All parts	chir grarn etc	own use	30%
	Kaskain		one	Forest	Natural	Rare	Increase	H.med	All parts	chir grarn etc	own use	25%
	Mango	Mangifera indica	two	Local and Forest		Rare	decrease		All parts		Market Town use	
Herbs	Amla	Phyllanthus emblica	two	Forest	Seeds		Decrease	H.Med	All parts		Market Town use	10%
	Aloe	Aloe barbadensis	one	Local	natural		decrease		All parts			
	Amaltas	Cassia fistula	one	Forest	Seeds				All parts			
Shrubs	Ber	Ziziphus mauritiana	Two	Forest local	Seeds		increase	M.Med	All parts			
	Garna	Carissa Spinarum	one	Forest local	Natural					Chir kamila etc	own use	
	Akhrai		one	Forest	Natural		Decrease					
	Bana	Vitex negundo	one		Natural				all parts			

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide)
Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal

Format 13: Ornamental Plants/ Trees/Climbers etc.

1	2	3	4	5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Variety	Source of plant/seeds	Commercial/ non- commercial	Uses	Associated TK	Other details	Community/ Know. holder

Format 14: Timber Plants / Trees

1	2	3	4		5	6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat		ocal status	Wild/ home- garden	Other	Associated TK	Other details	Community/ Know. holder
				Past	Present		uses (multi)			Know. noider
Tree	Jamun	Syzygium cumini	Forest	Rare	Increasing	Wild	Furniture		Fire wood	
Tree	Sisso	Dalbergia sissoo	Forest	Plunty	Increasing	Wild	Furniture		Fire wood	
Tree	Toon	Toona ciliata	Forest	Plunty	Decreasing	Wild	Furniture		Fire wood	
Tree	Chair	Pinus roxburghii	Forest	Plunty	Increasing	Wild	Furniture		Fire wood	

Format 15: Domesticated Animals

1	2	3	4	5	6		7	8	9	10	11	12										
Animal Type I	Local Name	Scientific Name	Breed (local/	Features	Method of keeping		Local status		status				I		I				Associated TK	Commercial rearing	Other details including products and	Community Know. Holders
			hybrid)			Past	Present				services											

Uses include milk, meat, skin, fur and etc

Format 16: Culture Fisheries

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

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 from where the animals are arrived	Places to where the animals are transported
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WILD BIODIVERSITY

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

1	2	3	4	5		6	7	8	9	10	11
Dlant Tyma	Local Name	Scientific Name	Habit	Habitat	Loc	cal status	Commercial / own use	Part collected	Associated TK	Other details	Community Vnoviledge Helder
Plant Type	Locai Name	Scientific Name	Habit	навцас	Past	Present	Commercial / own use	Part collected	Associated 1 K	Other details	Community Knowledge Holder
Herb	kangrass	Parthenium hysterophorus	Forest			increasing	H. Med				
Herb	Aloevera	Aloe barbadensis	Forest			Decreasing	own use				
Shrubs	Sanatha	Piper auritum	Forest			Decreasing	own use				
Shrubs	Garna	Carissa Spinarum	Forest			Decreasing	own use				
Climber	Meelo Dhari		Forest			Decreasing	H. Med				
Climber	Gloe	Tinospora cordifolia	Forest			Decreasing	own use				
Tree	Tali	Dalbergia sissoo	Forest			Decreasing	own use				
Tree	Pipal	Ficus religiosa	Forest			Decreasing	own use				
Tree	Toon	Toona ciliata	Forest			increasing	own use				
Tree	Mango	Mangifera indicia	Forest			Decreasing	own use				
Tree	Kaie		Forest			increasing	own use				
Tree	Barbian grasses	Aegilops triuncialis	Forest			increasing	own use				

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	Chir	Pinus roxburghii		Economic	
2	Amla	Phyllanthus emblica		Economic	
3	Kamila	Mallotus philippensis		Economic	
4	Khirak			Economic	
5	Faware			Economic	
6	Simbal	Bombax ceiba		Economic	
7	Karngal	Cassia fistula		Economic	
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Format 20: Aquatic Biodiversity

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat		al Status	Uses	Associated TK	Other details	Community/ Knowledge Holder
					Past	Present				Holder
Punta	Puntius sophor	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Punta	Puntius ticto	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Тор	Barilius vagra	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Тор	Barilius Bendelisis	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Lass	Schizothorax spp.	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Moda	Garra otyla	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
nai	Glypthrax spp.	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Rohu	Labeo rohita	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Toad	Duttaphrynus melanostictus	Indigenous fauna	toad	Stream/lakes	Good	Good		-	-	-
Frog	Rana spp.	Indigenous fauna	Frog	Stream/lakes	Good	Good		-	-	-
Bull Frog	Lithobates catesbeianus	Indigenous fauna	Frog	Ponds	Good	Good		-	-	-
Snake	Bungarus caeruleus	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Snake	Daboia russelii	fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Water hyacinth	Eichhornia crassipes	fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Water lettuce	Pistia stratiotes	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-
Lucky 4- leaf clover	Marsillia mutica	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good		-	-	-

Money wort	Bacopa monnieri	Indigenous fauna	Stream/lakes	Stream/lakes	Good	Good	-	-	-
Water popy	Hydrocleys nymphoides	Indigenous fauna	toad	Stream/lakes	Good	Good	-	-	-
Water Lily	Nymphaeaceae spp.	Indigenous fauna	Frog	Stream/lakes	Good	Good	-	-	-
		Indigenous fauna	Frog	Ponds	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
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Lucky 4 leaf clover	Marsillia mutica	Aquatic Plant	-	-
2	Money wort	Bacopa monnieri	Aquatic Plant	-	-
3	Water Popy	Hydrocleys nymphoides	Aquatic Plant	-	-
4	Water Lily	Nymphaeaceae spp.	Aquatic Plant	-	-

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat		al Status Present	Associated TK	Uses (usage)	Part used	Other details market/ own use	Community/ Knowledge Holder
Harbs	Pudina	Mentha spp.		Agri. Land		Rare		H.Use	Leaf	Own Use	
Harbs	banafsha	Viola odorata		Forest	Inc	creasing		H.Use	Leaf	Own Use	
Shrubs	Bhang	Cannabis sativa		Agri. Land	Inc	creasing		H.Use	Leaf	Own Use	
Shrubs	Ginera			Forest	Inc	creasing		H.Use	Leaf	Own Use	
Shrubs	Chitaak			Agri. Land		Rare		H.Use	Leaf	Own Use	
Shrubs	Poranker Adhudob			Forest	Increasing			H.Use	Leaf	Own Use	

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)
Other details: Harvesting period /Perennial/annual/seasonal

Format 23: Wild relatives of Crops

1	2	3	4		5	6	7	8	9	10	
Local	Scientific	Associated crop	Landscape / Habitat	I	ocal Status	Uses	Part	Associated	Other details	Community / Know holder	
Name	Name	Associated crop	Lanuscape / Habitat	Past	Present	(usage)	Used	TK	Other details	Community / Know noticer	
Bar	Ziziphus Jujube	Zipus Mouritina	Wild	Good	Good	Edible Fruit	Fruit				
Kainthi	Pyrus Pyrifolia	Pyrus Communis	Wild	Good	Good	Edible Fruit	Fruit				
Wild Grapes	Vitis vinifera	Vitis	Wild	Good	Good	Edible Fruit	Fruit				
Local mango	Magnifera indica	Mangifera Indica	Wild	Good	Good	Edible Fruit	Fruit				

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
Ashoka Tree	Polyanthia ilongifolia	-	1	Ornamental	-		Local
Morpankhi	Platycladus orientalis	-	-	Ornamental	-		Local
Red Bottle brush	Cellistemon citrinus	-	-	Ornamental	-		Local
Money Plant	Helianthus spp.	-	-	Ornamental	-		Local
Sunflower	Helianthus	-	-	Ornamental	-		Local
Rose	Rosa indica	-	-	Ornamental	-		Local
Bougainvillea	Bougainvillea glabra	-	-	Ornamental	-		Local

Format 25: Fumigate / Chewing Plants

1	2	3	4	5		6	7	8	9	10	11
Plant (Herb, Shrub,	Local	Scientific	Vanista	Habitat	Loca	l Status	Uses	Dant used	Associated	Other details	Community knowledge
Tree)	Name	Name	Variety	навиас	Past	Present	(usage)	Part used	TK	(mode of use)	holder
Tree	Phallie	Acacia modesta		L.land Forest			Timber				
Tree	Timbru	Zanthoxylum armatum		L.land Forest							
Tree	Laou			Forest							
Herbs	Thoom	Allium sativum		Agriculture			Seed			Acidity	
Herbs	Pudina	Mentha spp.		Agriculture			Leaf			Acidity	
Herbs	Dhaniya	Exyoraium foeidus		Forest			Leaf/Seed			Acidity	
Shrubs	ganira			Forest			H.Med				
Shrubs	Branker	Adatoda vasica					H.Med				
								I			

Format 26: Timber Plants

1	2	3	4		4		5	6	7	8						
Local Name	Scientific Name	Habitat	Local Status		Local Status		Local Status		Local Status		Local Status		Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
Local Name	Scientific Name	Парнас	Past	Present	Other Uses, if any	Associated 1K	Other Details	Community/ Knowledge Holder								
Tali	Dalbergia sissoo	Wild	Increasing	Decreasing	Fire wood/Furniture											
Chir	Pinus roxburghii	Wild	Increasing	Decreasing	Resion/F.Wood	Kamila/Ganira etc										
Toon	Toona ciliata	Wild	Increasing	Decreasing	Furniture											

Format 27 A: Coastal and Marine Flora

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

Format 27 B: Coastal and Marine Fauna

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

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

1	2	3	4	5	6	7		8	9	10	11	12
						Loca	l Status					
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Past	Present	Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
Birds	Peacock	Pavo cristatus	Forest		Everytime		Rare					
Birds	Crow	Corvus spp.	Forest		Everytime		Rare					
Birds	Eagle	Haliaeetus leucocephalus	Forest		Everytime		Rare					
Mammals	Pig	Sus spp.	Forest		Everytime		Increase					
Insects	Ant.	Formicidae spp.	All other		Everytime		Rare					
Insects	Butterfly	Rhopalocera spp.	All other		Everytime		Rare					

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.)

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	Monkey	Macaca mulatta	Mammals	Forest	
2	Fox	Vulpes vulpes	Mammals	Forest	
3	Honey Bee	Apis mellifera	Insect	Forest	
4	Snake	Serpentes spp.	Reptiles	Forest	
5	Peacock	Pavo cristatus	Birds	Forest	
6	Pig	Sus spp.	Mammals	Forest	
7	Goats	Capra aegagrus	Mammals	Forest	
8	Ant.	Formicidae spp.	Insects	Forest	
9	jakle	Canis aureus	Mammals	Forest	

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

End of Part II