People Biodiversity Register (PBR): General Details
Name of the Panchayat Samiti : Durang
Block / Taluk: Mandli
District: Kathua
State: J&K UT
Geographical Area of the Panchayat Samiti: 514 Hect.
Population under the Panchayat Samiti: Total: 2231
Male:- 1167 Female: 1064
Habitat and Topography: Hilly
Climate (Rainfall, Temperature and weather patterns)
Land Use (Nine fold classification available with village records): 65% for Agriculture Purpose
Date, Month and Year of PBR Preparation: 31/08/2020
Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM)

# Annexure 1 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: Sunit Gupta Age: Gender: M Address: Area of specialization: 2) Name: Babli Devi Age: Gender: F Address: Area of specialization: 3)Name: Sushma Devi Age: Gender: F Address: Area of specialization: 4)Name: Balbir Chand Age: Gender: M Address: Area of specialization: 5)Name: Kewal Kumar Age: Gender: M Address: Area of specialization: 6)Name: Nitish Thakur Age: Gender: M Address: Area of specialization: 7)Name: Gulam Dastheer Age:

Gender: M
Address:

Area of specialization:	

Annexure-2
List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village
1) Name : Nil
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
2) Name:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:
3) Name:
Age:
Gender:
Address:
Area of specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status:
Medicinal Use:

Annexure 3
List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty
1) Name of the Chairperson: Sh. Satpal S/o Mangal Singh
Age: 65 yrs
Gender: Male
Address: Durang
Area of specialization: Agriculture
2) Name of the Chairperson: Sh. Mast Ram S/o Bhagat Ram
Age: 55 yrs
Gender: Male
Address: Durang
Area of specialization: Agriculture
3) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:
4) Name of the Chairperson:
Age:
Gender:
Address:
Area of specialization:

Annexure 4
Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR
1) Contact Person: Nil
Name and Address:
2) Contact Person:
Name and Address:
3) Contact Person:
Name and Address:
4) Contact Person:
Name and Address:
You may add names of more institutions/NGO/Individuals etc, if necessary

# 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 Panchayat Detail of collection fee imposed and details of the benefit derived and endorsement by the imposed Anticipated mode of sharing benefits or quantum of benefits shared

# Format 1: Crop Plants

1	2	3	4	5	6	,	7	8	9	10	11	12	13	14
Crop	Scientific	Local Name	Variety	Landscape/ Habitat	Approx.	Local Status		Special features	Cropping	Uses	Associated	Other details	Source of	Community/ Knowledge
Стор	Name	Local Ivallie	variety		area shown	Past	Present	Special leatures	season	Uses	TK	Other details	Seeds/Plants	Holder
Maize	Zea mays	Makk, kukri, challi, Buhtta, jobawr	Ganga Safed -2	White grain Hyb. Suitable for Sub- tropical. Mauturees in 95-100 days		Abundant	Abundant	Hight yeilding Varity	June- Oct	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Maize	Zea mays	Makk, kukri, challi, Buhtta, jabawr	Vijay	Composite Maize Yellow grain variety High Yielding Vaiety suitable for Mid Hills		Abundant	Abundant	High yeilding Varity	June- Oct	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	Triticum aestivum	Kanak	HD-2967	150-155 cm	150-155 cm		Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Wheat	Triticum aestivum	Kanak	Raj -3077	135-140 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
wheat	Triticum aestivum	Kanak	Raj-3765	125-130 cm		Abundant	Abundant	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
	Triticum aestivum	Kanak	Sonalika	150-155 cm		Abundant	Rare	Dwarf High Yielding variety	Nov- Apr.	Food Fodder		Suitable of Plain & Mid Hills	Agri. Deptt.	
Rice	Oryza sativa	Dhan, Munji	PR-113	Suitable for Sub Tropical areas . Matures in 135 -140 day approx.		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder		Suitable for Cultivation in Low land , Mid HillsAreas, Hot & Humid Climate	Agri. Deptt.	

Rice	Oryza sativa	Dhan, Munji	IR-8	Plant Height 140-145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	
Rice	Oryza sativa	Dhan, Munji	Jaya	Plant Height 140-145 cm		Abundant	Abundant	Dwarf High Yielding variety	June - Oct	Food Fodder			Agri. Deptt.	
Rice	Oryza sativa	Dhan, Munji	Begumi	160-165 cm		Abundant	Rare	Tall in height, sweet in taste, High starch Content	June - Oct	Food Fodder	More Nutritive Value	Suitable of Plain & Mid Hills	Local	Pahari community
Pulses (Mash)	Vigna mungo	Maa/ Mash	T-9	Matures in 85-90 days. Suitable for plain & Mid hills		Abundant	Abundant	High yeilding Varity	June- Aug	Food	hight Protein contents	Suitable of Plain & Mid Hills	Agri. Deptt.	
Til	Seasamum indicum	til	Punjab til -1	White seed Variety . Matures in 80-85 days . Plant hight 1.3-1.6 mtr.		Abundant	Abundant	High yeilding Varity	June- Oct	Oil,		Suitable of Plain & Mid Hills	Agri. Deptt.	
Tomato	Solanum lycopersicum	Tamatar,	Kashi (DVRT- 2)	Plant are Green, Fruit are red , spherical medium to large sized		Abundant	Abundant	First harvest at 70-75 days after transplanting . Resistant to TLCV.	Transplanti ng Jan to Mid Feb	Food	Resistant to TLCV.	Suitable of Plain & Mid Hills	Agri. Deptt.	
Knol khol	Brassica oleracea	Kadam	Purple Vienna	Cool & moist climate		Abundant	Abundant	Matures in 70-75 days.Knobs are purplish & fleshy greenish white.	mainly as a winter crop.	As vegetable pickles.	Rich in fibre.	For early crop sandy or sandy loam soils & for late crop clay loam &silty soils are preffered.	Agri. Deptt.	
Okra	Abelmoschus esculentus Moench	Bhindi	Pusa A-4	Dark green andfruit size 12- 15 cm long		Abundant	Abundant	High yield Variety, tolerant to YVM and aphids, First picking starts in 45 days	Feb- March June- July (rainy season	Food		Suitable of Plain & Mid Hills	Agri. Deptt.	

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

### **Format 2: Fruit Plants**

1	2	3	4	5		6	7	8	9	10	11	12	
DI 4	C · A·C N	T IN	<b>V</b>	T 1 /TT 124	Local	Status	Source of	Season of	Associated	TI	Other details	Community /	
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Past	Present	Seeds/Plants	Fruiting	TK	Uses	market /own use	Knowledge holder	
Ber	Zizyphus mauritiana	Ber	Wild(unbudded)	agri.land	abundant	available	seeds/plants	feb-april			own use		
peach	Prunis Persica	Aado	Selection	agri.land	rare	rare	seeds/plants	mar-june			own use		
Toot	Morus Indica	shatoot	Wild(unbudded)	agri.land	abundant	available	plants	july-aug			own use		
Phagwari	Fragarria nubicola	Phagwoora	Wild(unbudded)	agri.land	abundant	rare	seeds/plants	april-june			own use		
Bael	Aegle marmelos	Bael	Wild(unbudded)	agri.land	rare	rare	seeds/plants	mar-june			own use		
Jamun	Syzygium cumini	Jamun	Desi, unbudded	agri.land	abundant	available	seeds	mar-july			own use		
Banana	Musa paradisica	Kela	Desi, unbudded	agri.land	available	rare	plants	july-aug			own use		
Mango	Mangifera indica	Aam	Desi, unbudded	agri.land	available	abundant	seeds/plants	mar-july			Market		
Guava	Psidium guajava	Ambrud	Desi, unbudded	agri.land	available	available	seeds/plants	aug-dec			Market		
Lemon	Citrus aurantifolia	nimbu	Desi, unbudded	agri.land	available	abundant	seeds/plants	nov-dec			Market		
Papaya	Carica papaya	Papita	Desi, unbudded	agri.land	available	available	seeds/plants	all season			own use		
Mandarin	Citrus retculata	Sangtra	Desi, unbudded	agri.land	available	available	seeds/plants	april-sept			own use		
Grapes	Vitis vinifera	Angoor,dakh	Desi, unbudded	agri.land	rare	rare	plants	june-sept			own use		
Anola	Phyllanthus embilica	Amla	Desi, unbudded	agri.land	abundant	available	seeds/plants	oct-dec			Market		

#### FORMAT: 3 FODDER CROPS / SPECIES

1	2	3	4	:	5	6	7	8	9	10
Plant	Scientific Name	Local name	Landscape / Habitat	Local	status	Source of Plant / Seeds	Associate TK	Associate TK Part Used Other details co Know	community / Knowledge Holder	
				Past	Present	3000				
Sorghum	Sorghum bicolor	Jowar	Warm climate crop	Plenty	Plenty	Agri. Deptt.	It has resistance to desiccation and tolerate to water logging condition.	Part used whole plant	Soil with clay loam texture having good water retention capcity are best suitable for its cultivation	
Berssem	Trifolium alexandrinum	Beerseen	winter forage.	Plenty	Plenty	Agri. Deptt.		Part used whole plant. Repeated cuts can be taken.	Improves phyical condion of soil . It can be grown in all types of soil expect very light sandy soil	

#### **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	Local	status	Uses if any	Management Option	Associate TK	Other details	community / Knowledge Holder
						Past	Present					
Bathua	Chenopodium sp	Baathu	Wheat	Broad leaf and consumed the nutrients of the plants and reduces the production	Germination in the field after 20 days	Plenty	Plenty	Nil	1.Use of weedicide		Hady and wider adoptability, multiply very fast	
Sitti	Phalaris minor	Sitti, Gehoon ka mama, Gulli Danda	Wheat	Compete with nutritions, light and space with wheat crop and reduces the productionNarrow Leav Weed	Grows with Wheat crop	Plenty	Plenty	Nil	1. Use of Weedicides metribuzinie @200Gms/ha dissolved in 500-600 l of water		Hady and wider adoptability, multiply very fast	
shol		Shol	Paddy	Broad leaf and consumed the nutrients of the plants and reduces the production	floating on the water	Plenty	Plenty	Nil	Drying of paddy field as a result leafs dry	-	Hady and wider adoptability, multiply very fast	Pahari Community
Shama		Shama	Paddy	compete with nutritions, light and space with Paddy crop and reduces the production	Tall growing just like paddy	Plenty	Plenty	Nil	Use of weedicide	•	-	-

#### FORMAT: 5 Pests of Crop

		T	1		T				
1	2	3	4	5	6	7	8	9	10
Host	Insect / Animal	Scientific Name	Local name	Habitat	Time / Season of Attack	Management Mechanism	Associate TK	Other details	community / Knowledge Holder
	Field Rats	Bandicota sp. Tatera sp.	Chua, Kees,	Burrow in soil .Rats are found in nearly all areas of Earth which are inhabited by human beings.	through out the year	Poison baiting 2. bund trimming to minimize harborage     3. use indigenous traps	Thjey cause have loss to standing wheat crop and harvested crop in stores.	Domestic rats differ from wild rats in many ways. They are calmer and less likely to bite; they can tolerate greater crowding; they breed earlier and produce more offspring; and their brains, livers, kidneys, adrenal glands, and hearts are smaller	
Wheat	Termites	Microtermes obesi	seenak, seonk, white ant,	Generally appears at wet places, lives in nests made under ground	through out the year	Destroy termitaria in an around field 2.  Never use raw FYM     For termites control in standing crop, dilute 4l of chlorpyriphos 20EC in 5l of water and mix in 50 kg of sand thoroughjly. Boradcast this treated soil in the infested areas.	41-4 1: 1 1 :	The demage plant dry up completely and are easily pulled out	
Maize	Stem borer	Chilo partellus	Lurhi, kidda,	Occurs through out the country	July onward . 15-20 days after Germination	1. apply granular insecticide carbofuran 3G @20 Kg / Ha 2. Uproot the stubbles of previous years crop and burn	It attacks immediately after germination and causes dead hearts in young plants .	The adult is medium sized straw coloured moth . The caterpiller is dirty white in color with short bristly hair on its body	
	Cut Worm	Agrotis ipsilon	Luhri	Occurs through out the country but especially Hilly areas	July onward .	1. Install light traps @2/Ha 2. Install Pheromones traps @40/Ha to attract to kill the male moths 3. Chlorpyriphos 30EC@3ml/of water	Larva cut the seedling at the ground level .	They live in soil during the day and feed at night . The caterpiller are in grey in colour	

Paddy	Grasshopper	Hieroglyphus niogrorepletum	Tidda , Raja da Gorha ,	Polyphagus	June to Novemeber	1.Destroy eggs by cleaning bunds 2. Spray the bunds with Malathion 5 % D @ 25 Kg / Ha	Both nymphs and Adults feed on the leaves , they devour the young shoots and newly farm ear heads.	Adults are like locust but smaller in size	
	Rice Hisppa	Dicladispa armigera	Neela tittu	Appeagrs in all varieties of rice	July -Sep	Clip the affected tips of leaves before transplanting	Quinalphos 25EC 1 litre per ha in 750 ltr of water	The grubs this pest mine into the leaves and adults are external fedders.	
cole crops	Cabbage butterfly	Pieris brassicae	Titali	The large white butterfly's habitat consists of large, open spaces, as well as farms and vegetable gardens, because of the availability of its food source.	Oct onwards	Release of Trichogramma chilionis @50000 adults/ha per release (6 times )at weekly interval in Mid January     2. Donot spray the crop near harvesting			
Vegetable	Fruit fly	Bactrocera cucurbitae	Titali	Fruit flies are of concern both as nuisance pests and as serious contaminators of food.	After Summer Rains when Humidity is high.	1. Install methyl eugenol traps @ 5-100/Ha 2. Spray Malathion @ 1ml +10 Grms gur/ ltr of water at evening hours when fruits flies are congregated on the leave surface.	Female fruit flies lay their eggs on the surface of rotting fruits and vegetables. Each female may lay as many as 500 eggs. These eggs hatch into larvae which molt twice before becoming fully grown.	Adults may be dull yellowish, brownish yellow, or brownish black in color and range from 1/10 to 1/5 inch long. Most species have red eyes. Larvae are very small (ranging from 1/10 to 1/5 inch long), dirty white, and maggotshaped. They can be recognized by the stalked posterior spiracles on the last abdominal segment.	
		Cercopithecidae	Monkey						
		Sus scrofa domesticus	Pig						
						_			

	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
Mixed & 2231	Agriculture	Labour	Agriculture	-	-	-	-	-	-	-

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
Majo	or Landscap	es		Features and			General	User	Management	~ .	Associated	Other	Community
Agricultural land	Pond	Fallow Land	Sub - Landscapes	approx. Area	Ownership	General flora	fauna	groups	practices	General uses	TK	details	accessed
Cultivated Land	Not Applicable	Not Applicable	Cultivated Land	60% 423 Ha	Agricultural Lands are Privately Owned	Crop Plants	Snakes,Jackel,Fox , Dogs Etc	Nil	Nil	Used for raising crops and Fodder for animals	N/A	Nil	Low-Income Community
Non-Cultivated	Not Applicable	Not Applicable	Non-Cultivated	445 Ha	Govt,/Private	Plants,Some wild Plants	Insects,Cows,Fox, Dogs etc	Nil	Nil	Used for rearing Cattles	N/A	Nil	Low-Income Community
Non-Irrigated Land	Not Applicable	Not Applicable	Non-Irrigated Land	172 Ha	Govt,/Private	Local Plants	Insects,Cows,Fox, Dogs etc	Nil	Nil	Used for Grazing Purposes	N/A	Nil	Low-Income Community

Note: The information Filled in by the Forest Deptt. is not exhaustive and the inputs from other concerned department may be incorporated for the detailed filled up of the PBR Formats.

Form	at 9: Water	scape					
6	7	8	9	10	11	12	13
General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed

Small Check

Dams

Check Dams

For Irrigation, Sand and

Gravel are used for

Construction of

Buildings etc

For Irrigation and

Drinking of

Domesticated animals

and Wild Animals

Nil

Nil

Nil

Nil

Local Villagers

Local Villagers

Note: The information Filled in by the Forest Deptt. is not exhaustive and the inputs from other concerned department may be incorporated for the detailed filled up of the PBR Formats.

Irrigation

Irrigation

Farmers

Farmers

1

Waterscape

element type

Nallas

Khaads

2

Sub- type

Nil

Nil

3

Features and

approx area

Tributary of

Khaad's

Originates from

the foothills of

Mountains

4

Ownership

Panchayat and

Govt.Deptt.

Govt. and

Panchayat

5

General flora

Wild and

Aquatic Plants

Wild and

Aquatic Plants

Frog, Tadpoles, Toad, Crab, Fishes, Water

Snake etc

Frog,Tadpoles,Fishes ,Water,Water

Snakes, Crabs 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
Clay	Reddish,Brown,Fine Grained	Retain water	Recharges with canal bed silt,Leafy Manure ,animal waste,Compost	Paddy,Maize,Wheat,Mustar d,Pulses,Fruit crop,Vegetables	Wheat,Maize,Tuni,Draink,et c. Snakes,Cows,Jacket,Fox etc	Nil	Nil
Sandy Clay	Brown & Gritty	Retains water	Recharged with tank bed silt,leafy manure,animal waste,composite	wheat,Barley,Lentil,Mustard ,Maize, Beans and some Off-season vegetables	Fodder and Crop plants,Frog ,snakes,Jackel,Fo x etc	Nil	Nil

#### Format 11: FRUIT TREES DOMESTICATED BIODIVERSITY 2 1 3 4 6 8 9 10 11 12 13 **Local Status** Scientific Landscape/ Source of Season of Other details Community/ **Plant Type Local Name** Variety Uses (usage) Associated TK Habitat Fruiting market/own use Know. holder Name plant/seeds Past Present Mangifera indica agri.land seeds/plants mar-july Desi, unbudded available abundant Market Mango Aam seeds/plants Litchi chinesis Litchi Desi, unbudded available mar-june Market Lychee agri.land rare Psidium guajava agri.land seeds/plants aug-dec Desi, unbudded available available Market Guava Ambrud Desi, unbudded available Citrus aurantifolia agri.land seeds/plants Lemon nimbu abundant nov-dec Market Carica papaya seeds/plants Papita Desi, unbudded agri.land available available all season Papaya own use seeds/plants april-sept Mandarin Citrus retculata Sangtra Desi, unbudded agri.land available available own use Phyllanthus embilica Desi, unbudded Anola Amla agri.land abundant available seeds/plants oct-dec Market

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

1	2	3	4	5	6	7	7	8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/seeds	Local	status	Uses (usage)	Part used	Associated TK	Other details market/own	Community/ Know.
					piant/secus	Past	Present			1 K	mar ket/own	
Shrubs	Drainkdu	Murraya koenigii		Lower shiwalik	Seed	Abundant	Abundant	Edible and Good for cleaning teeth	Leaves / Branches	N.A	N.A	Generally, held by community
Shrubs	Bana	Vitex negundo		Upper Shiwalik	Seed	Abundant	Abundant	Good for cleaning teeth	Branches	N.A	N.A	Generally, held by community
Shrubs	Bareyan	Acorus calamus		Sub-Tropical area	Root	Abundant	Abundant	Medicinal use	Root	N.A	N.A	Generally, held by community
Shrubs	Bhang	Canabis sativia		Lower shiwalik	Seed	Abundant	Abundant	Medicinal use	Leaves	N.A	N.A	Generally, held by community
Trees	Amla	Phyllanthus emblica		Lower shiwalik	Seed	Rare	Rare	Medicinal use	Fruit	N.A	N.A	Generally, held by community
Trees	Bair	Ziziphus xylocarpa		Lower shiwalik	Seed	Rare	Rare	Medicinal use	Fruit,Leaves	N.A	N.A	Generally, held by community
Trees	Bheda	Terminalia bellerica		Lower shiwalik	Seed	Rare	Rare	Medicinal use	fruit	N.A	N.A	Generally, held by community
Trees	Bill-Patre	Angle mermelos		Lower shiwalik	Seed	Rare	Rare	Used in Poojas and posses medicinal properties	Leaves, Fruits	N.A	N.A	Generally, held by community
Trees	Jaman	Syzygium cumini		Lower shiwalik	Seed	Abundant	Abundant	Medicinal use and Edible	Fruit	Useful for Sugar Patients	N.A	Generally, held by community

Trees	Kringal	Casia fistula	Lower shiwalik	Seed	Rare	Rare	Medicinal use	Fruit	N.A	N.A	Generally, held by community
Trees	Retha	Sapindus Mukorossii	Lower shiwalik	Seed	Rare	Rare	Medicinal use	Fruit	N.A	N.A	Generally, held by community
Trees	Arjun	Terminalia arjuna	Lower shiwalik	Seed	Rare	Rare	Medcinal Use	Bark	Useful for Heart Pateints	N.A	Generally, held by community
Climbers	Galoi	Tinospora cordifolia	Lower shiwalik	Seed	Abundant	Abundant	Medicinal Use	Whole Plant	N.A	N.A	Generally, held by community

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
Bushes/Shrubs	Nerium	Nerium Oleander		Nurseries	Non commercial	Ornamental/ Landscaping	Epiplepsy, cancer	Avenue plantation	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Kaner	Thevetia Peruviana		Nurseries	Non commercial	Ornamental/ Landscaping	Fevers	Flower most of the year	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Bottle Brush	Callistemmon spp.		Nurseries	Non commercial	Ornamental/ Landscaping	Theraputic uses	Foilage and flowers	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Golden Duranta	Duranta repens		Nurseries	Non commercial	Ornamental/ Landscaping	Beneficial in itching, malaria, asthma etc.	Foliage, Edging	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Hibiscus	Hibiscus Rosasinensis		Nurseries	Non commercial	Ornamental/ Landscaping	Used in fever, constipation	Flower throughout the year	Floriculturists/ Nurserymen/Gardeners
Bushes/Shrubs	Motia	Jasminum sambac		Nurseries	Non commercial	Ornamental/ Landscaping	Used in Hepatitis, dysentry	Flower throughout the year	Floriculturists/ Nurserymen/Gardeners
Herbs Seasonals	Guldopahar	Portulaca Grandiflora		Nurseries	Non commercial	Ornamental/ Landscaping	Antioxidant, antibacterial	Summer annual flower	Floriculturists/ Nurserymen/Gardeners
Pot Plants	Agave	Agave angustifolia		Nurseries	Non commercial	Ornamental/ Landscaping	Traditional medicines	Succulent	Floriculturists/ Nurserymen/Gardeners
							_		

				Forma	at 14: Tim	ber Plants	s / Trees			
1	2	3	4	5		6	7	8	9	10
Plant	Local Name	Scientific Name	Habitat	Local s	tatus	Wild/ home-	Other uses	Associated TK	Other details	Community/ Know. holder
Туре	Local Name	Scientific (Vallie	Habitat	Past	Past Present		(multi)	Associated TK	Other details	Community/ Know. noider
Tree	Cambel	Lannea coromandelica	Lower shiwalik	Abundance	Abundance	Wild	own	nil	nil	Generally, held by community
Tree	Drankh	Melia azedarach	Lower shiwalik	Abundance	Rare	Wild	own	nil	nil	Generally, held by community
Tree	Jaman	Syzygium cumini	Lower shiwalik	Abundance	Abundance	Wild	own	maintains sugar level in human body	nil	Generally, held by community
Tree	Mangoo	Mangifera Indica	Lower shiwalik	Abundance	Abundance	Wild/ home- garden	own	nil	nil	Generally, held by community
Tree	Ola	Albizzia chinensis	Lower shiwalik	Rare	Rare	Wild	own	nil	nil	Generally, held by community
Tree	Retha	Sapindus Mukorossii	Lower shiwalik	Rare	Rare	Wild	own	nil	nil	Generally, held by community
Tree	Safeda	Eucalyptus spp.	Lower shiwalik	Rare	Abundance	Wild	commercial	nil	nil	Generally, held by community
Tree	Sree	Albizzia lebbeck	Lower shiwalik	Abundance	Abundance	Wild	own	nil	nil	Generally, held by community
Tree	Simbal	Bombax ceiba	Lower shiwalik	Abundance	Abundance	Wild	commercial	nil	nil	Generally, held by community
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Abundance	Abundance	Wild	own	nil	nil	Generally, held by community

Tree	Tuni	Toona ciliata	Lower shiwalik	Abundance	Abundance	Wild	own	nil	nil	Generally, held by community
Tree	Popular	Populus ciliata	Lower shiwalik	Rare	Abundance	Wild	own	nil	nil	Generally, held by community
Tree	Arjun	Terminalia arjuna	Lower shiwalik	Rare	Abundance	Wild	own	nil	nil	Generally, held by community

#### **Format 15: Domesticated Animals**

1	2	3	4	5	6		7	8	9	10	11	12
Animal Type	Local Name	Scientific	Breed (local/	Features	Method of	Loca	l status	Uses	Associated TK	Commercial	Other details including	Community Know.
Timmai Type	Local (valle	Name	hybrid)	reacures	keeping	Past	Present	Oses	Associated TX	rearing	products and services	Holders
	Sheep	Olvis- aries	Local	Small size, rough coat								
	Sheep	Oivis- aries	Cross breed	Large size, fine wool, white face and white legs							Mutton, Wool,	
Small Ruminants			Bakarwali/Kaghani	Large size, white/Grey/brown/black Body, coat long hair	Conventional & Traditional					Yes	The department provides all the necessary medical facilities and	Yes
	Goat	Capra- hircus	Beetal	Usually red or black pendulous ears							sceintific system of rearing	
			Beetal cross	Smaller size, shorter Ears								
Cow	Gaay	Bos sps.	Hybrid	High Fertility, High Milk yield	Domesticated	Available	Available	Milk+ Cow	Highly Nutritious & complete diet	Yes	Nil	Self observed
Cow	Gaay	Bos sps.	Local	Low milk yield adoptable to local climate condition	Bonesticated	Available in Hilly Belt	Available in Hilly Belt	Dung	Highly Nutritious	No	Nil	Self observed
Buffalo	Bhains	Bubalus sps.	Local/upgraded	Black in colour/ moderate t o high milk yield with high Fat %age	Domesticated	Available	Available	Milk+ Cow Dung	Considered more energetic due to High fat %age	Commercial in upgraded, Non commercial in local	Nil	Self observed

Ox	Bael	Bos sps.	Local/Hybrid	Ploughing & carriage	Domesticated	Available	Available	Plouging & Carriage	No	Nil	Self observed
dog	Kutta	Canine sps.	Local/Hybrid	Pet & stray	Domesticated & Stray	Available	Available	Guarding & watching	No	Nil	Self observed
horse/ Mules/Donkey	Ghoda/ Khachar/ Gadha	Equine Sps.	Local/Hybrid	Pack animals, muscular body	Domesticated	Available	Available	Carriage & Cart Pulling	No	Nil	Self observed
Cat	Billi	Felis sps.	Local	Pet & stray	Domesticated & Free Roaming	less	less	No	No	Nil	Self observed
Poultary	Kukad/ Kukdi	Gallus sps.	Local/Hybrid	Dual purpose	Domesticated	Available	Available	Meat & egg Production	No	Nil	Self observed

Uses include milk, meat, skin, fur and etc

**Format 16: Culture Fisheries** 

1	2	3	4	5	6		7	8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape	Loca	al status	Uses	Associated TK	Commercial	Other details	Community Know.
1 isii 1 ypc	Escar i valle	Scientific Plante	variety	1 catales	(pond/bheri/talao)	Past	Present	CSCS	rissociated III	rearing	other details	Holders
Warm water	Rohu	Labeo	IMC	Ellongated torpedo shaped body	Pond	Abundant	Govt./Private farms	Commerciallly important food fish	-	Reared in Private/Govt. Farms	Highly nutritious fish	Commercial Knowledge Holders/Sh Farmers/Maha geers
Warm water	Catla	Catla-Catla	IMC	Ellongated torpedo shaped body with big head	Pond	Abundant	Govt./Private farms	Commerciallly important food fish	-	Reared in Private/Govt. Farms	Highly nutritious fish	Commercial Knowledge Holders/Sh Farmers/Maha geers
Warm water	Mragg	Cirrhinus mrigala	IMC	Ellongated torpedo shaped body	Pond	Abundant	Govt./Private farms	Commerciallly important food fish	-	Reared in Private/Govt. Farms	Highly nutritious fish	Commercial Knowledge Holders/Sh Farmers/Maha geers
warm water& cold water	Grass carp	Ctenopharyngon idella	Exotic	Ellongated torpedo shaped body	Pond	Abundant	Govt./Private farms	Commerciallly important food fish used for weed control in ponds	-	Reared in Private/Govt. Farms	Highly nutritious fish	Commercial Knowledge Holders/Sh Farmers/Maha geers
warm water& cold water	Silver Carp	Hypopthal michthys molitrix	Exotic	Deep body littely compressed,silvery in colour	Pond	Abundant	Govt./Private farms	Commerciallly important food fish	-	Reared in Private/Govt. Farms	Highly nutritious fish	Commercial Knowledge Holders/Sh Farmers/Maha geers
warm water& cold water	Common Carp	Cyprinus carpio	Exotic	Deep body littely compressed with black lips barbels present	Pond	Abundant	Govt./Private farms	Commerciallly important food fish	-	Reared in Private/Govt. Farms	Highly nutritious fish	Commercial Knowledge Holders/Sh Farmers/Maha geers

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

	Forma	nt 17: Markets /	Fairs for Domes	sticated Animals	, Medicinal Pla	nts and other pr	oducts	
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

#### WILD BIODIVERSITY

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

1	2	3	4	5		6	7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local	status	Commercial / own	Part collected	Associated Tradinitional	Other details	Community Knowledge Holder
					Past	Present	use		Knowledge	details	Holder
Trees	Aaran	Prunus Persica	Trees	Lower shiwalik	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Trees	Amla	Phyllanthus emblica	Trees	Lower shiwalik	Rare	Rare	own	Fruit	posses medicinal properties	nil	Generally, held by community
Trees	Bair	Ziziphus xylocarpa	Trees	Lower shiwalik	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Bill-Patre	Aegle marmelos	Trees	Lower shiwalik	Rare	Rare	own	Fruit	posses medicinal properties	nil	Generally, held by community
Trees	Cambel	Lannea coromandelica	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Charmood	Ehretia laevis	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Cheundi	Xylosma longifolium	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Chilla	Casearia tomentosa	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Dhaman	Grewia optiva	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem/Bark	nil	nil	Generally, held by community
Trees	Drankh	Melia azedarach	Trees	Lower shiwalik	Abundance	Rare	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Fakwara	Ficus palmata	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Flai	Acacia Modesta	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Galdey	Rhamnua triquetra	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Trees	Guaid	Spermadictyon suaveolens	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community

Trees	Guvava	Psidium Guajava	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Fruit	posses medicinal properties	nil	Generally, held by community
Trees	Harad	Terminalia chebula	Trees	Lower shiwalik	Rare	Rare	own	Stem/Fruit	Good for digestion	nil	Generally, held by community
Trees	Jaman	Syzygium cumini	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Fruit	maintains sugar level in human body	nil	Generally, held by community
Trees	Kainth	Pyrus paschia	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Trees	Kakad-Singhi	Pistacia khinjuk	Trees	Lower shiwalik	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Kamla	Malotus philippensis	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Trees	Kandla	Premna Serratifolia	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Karal	Bauhinia variegata	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Flower	nil	nil	Generally, held by community
Trees	Khadak	Celtis Tetrandra	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Trees	Khad-Manju	Neolitsea Pallens	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Khair	Acacia catechu	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Khajur	Phoenix Sylvestris	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Trees	Khini	Ficus semicordata	Trees	Lower shiwalik	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Khroo	Trema Palitoria	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Kiker	Acacia Nilotica	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Kringal	Casia fistula	Trees	Lower shiwalik	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Trees	Laana	Ficus hispidia	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Trees	Lusada	Cordia dichotoma	Trees	Lower shiwalik	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Mangoo	Mangifera Indica	Trees	Lower shiwalik	Abundance	Abundance	own	Stem/Fruit	nil	nil	Generally, held by community

Trees	Ola	Albizzia chinensis	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Pansra	Wendlandia heynei	Trees	Lower shiwalik	Rare	Abundance	own	Stem	nil	nil	Generally, held by community
Trees	Prag	Alnus nitida	Trees	Lower shiwalik	Abundance	Abundance	own	Stem	nil	nil	Generally, held by community
Trees	Rada	Catunaregum spinosa	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Retha	Sapindus Mukorossii	Trees	Lower shiwalik	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Trees	Reu	Cotoneaster Bacilleris	Trees	Lower shiwalik	Rare	Rare	own		nil	nil	Generally, held by community
Trees	Rumbal	Ficus racemosa	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Safeda	Eucalyptus spp.	Trees	Lower shiwalik	Rare	Abundance	commercial	Stem	nil	nil	Generally, held by community
Trees	Sree	Albizzia lebbeck	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Simbal	Bombax ceiba	Trees	Lower shiwalik	Abundance	Abundance	commercial	Leaves/Stem	nil	nil	Generally, held by community
Trees	Talli	Dalbergia sissoo	Trees	Lower shiwalik	Abundance	Abundance	own	Stem	nil	nil	Generally, held by community
Trees	Tantra	Oroxylum indicum	Trees	Lower shiwalik	Rare	Rare	own		nil	nil	Generally, held by community
Trees	Tooth	Morus alba	Trees	Lower shiwalik	Rare	Abundance	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Trimbal	Ficus auriculata	Trees	Lower shiwalik	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Trees	Tuni	Toona ciliata	Trees	Lower shiwalik	Abundance	Abundance	own	Stem	nil	nil	Generally, held by community
Trees	Badoo	Ficous Banglensis	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Rean	Litsea chinensis	Trees	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Trees	Makora	Lonicera quinquelocularis	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Oan	Lyonia ovalifolia	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Sukhchain	Pongamia pinnata	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community

Trees	Popular	Populus ciliata	Trees	Lower shiwalik	Rare	Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Trees	Arjun	Terminalia arjuna	Trees	Lower shiwalik	Rare	Abundance	own	Leaves/Bark	nil	nil	Generally, held by community
Trees	Chuntar	Bischofia javanica	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Trees	Kau	Olea cuspidata	Trees	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Shrubs	Sentha	Dodonea Viscosa	Shrubs	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Shrubs	Trimuru	Zantho Xylum Aurmatum	Shrubs	Lower shiwalik	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Shrubs	Kimb	Citrus Karna	Shrubs	Lower shiwalik	Rare	Abundance	own	Fruit	nil	nil	Generally, held by community
Shrubs	Gandera	Thevetia peruviana	Shrubs	Lower shiwalik	Abundance	Abundance	own		nil	nil	Generally, held by community
Shrubs	Thub	Erythrina indica	Shrubs	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Shrubs	Anardana	Punica granatum	Shrubs	Sub-Tropical area	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Shrubs	brankad	Adha toda vesica	Shrubs	Lower shiwalik	Abundance	Abundance	own	Flower	nil	nil	Generally, held by community
Shrubs	Drainkdu	Murraya koenigii	Shrubs	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Shrubs	Dussa	Colebrookia oppositifolia	Shrubs	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Shrubs	Bana	Vitex negundo	Shrubs	Upper Shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Shrubs	Akk	Ipomea fistulosa	Shrubs	Lower shiwalik	Abundance	Abundance	own		nil	nil	Generally, held by community
Shrubs	Akk Datura	Calotropis procera	Shrubs	Lower shiwalik	Abundance	Abundance	own	Fruit	nil	nil	Generally, held by community
Shrubs	Garna	Carissa opaca	Shrubs	Lower shiwalik	Abundance	Abundance	own	Leaves/Fruit	nil	nil	Generally, held by community
Shrubs	Thor/Shuu	Euphorbia royleana	Shrubs	Lower shiwalik	Rare	Rare	own	Stem	nil	nil	Generally, held by community
Shrubs	Aakhe	Rubus ellipticus	Shrubs	Lower shiwalik	Abundance	Abundance	own	Fruit	nil	nil	Generally, held by community
Shrubs	Bareyan	Acorus calamus	Shrubs	Sub-Tropical area	Abundance	Abundance	own	Root	posses medicinal properties	nil	Generally, held by community

Shrubs	Bhang	Canabis sativia	Shrubs	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Herbs	Dudlu	Taraxacum officinale	Herbs	Temperate area	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Herbs	Tarad	Dioscorea belophylla	Herbs	Lower shiwalik	Abundance	Abundance	own	Root	nil	nil	Generally, held by community
Herbs	Jungli putna	Mentha arvensis	Herbs	Lower shiwalik/Temperate area	Abundance	Abundance	own	Leaves	posses medicinal properties	nil	Generally, held by community
Herbs	Banfsha	Viola odorata	Herbs	Lower shiwalik/Temperate area	Abundance	Abundance	Commercial	Flower	posses medicinal properties	nil	Generally, held by community
Grasses	Bamboo	Dendrocalamus Strictus	Grasses	Lower shiwalik	Abundance	Abundance	commercial	Leaves	nil	nil	Generally, held by community
Grasses	Drub/Khabbal	Cyanodon dactylon	Grasses	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Grasses	Monja	Saccharum benghalense	Grasses	Temperate area	Rare	Rare	own	Stem	nil	nil	Generally, held by community
Grasses	Kai/Kaana	Saccharum spontaneum	Grasses	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Climbers	Galoi	Tinospora cordifolia	Climbers	Lower shiwalik	Abundance	Abundance	own	Stem	nil	nil	Generally, held by community

# **Format 19: Wild Plant Species of Importance**

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Amla	Phyllanthus emblica		economic/cultural	Abundance
2	Bair	Ziziphus xylocarpa		economic/cultural	Rare
3	Bheda	Terminalia bellerica		economic	Rare
4	Bill-Patre	Aegle marmelos		Social/Culture	Rare
5	Drankh	Melia azedarach		economic	Abundance
6	Harad	Terminalia chebula		economic/cultural	Abundance
7	Jaman	Syzygium cumini		economic/cultural	Abundance
8	Kakad-Singhi	Pistacia khinjuk		economic	Abundance
9	Karal	Bauhinia variegata		economic	Abundance
10	Khair	Acacia catechu		economic	Abundance
11	Kringal	Casia fistula		social	Abundance
12	Lusada	Cordia dichotoma		economic	Rare
13	Mangoo	Mangifera Indica		economic/cultural	Abundance
14	Retha	Sapindus Mukorossii		economic	Rare
15	Rumbal	Ficus racemosa		economic	Rare
16	Sree	Albizzia lebbeck		economic	Abundance

17	Talli	Dalbergia sissoo	economic	Abundance
18	Trimbal	Ficus auriculata	economic	Abundance
19	Trimuru	Zantho Xylum Aurmatum	economic	Rare
20	Tuni	Toona ciliata	economic	Rare
21	Jatrofa	Jatropha Curcas	economic	Abundance
22	Arjun	Terminalia arjuna	economic	Abundance
24	brankad	Adha toda vesica	economic	Abundance
25	Drainkdu	Murraya koenigii	economic	Abundance
26	Dussa	Colebrookia oppositifolia	economic	Abundance
27	Bana	Vitex negundo	cultural	Abundance
28	Kau	Olea cuspidata	economic	Rare
29	Akk Datura	Calotropis procera	Cultural	Abundance
30	Dudlu	Taraxacum officinale	cultural	Rare
31	Thor/Shuu	Euphorbia royleana	economic	Rare
32	Bareyan	Acorus calamus	economic	Rare
33	Bhang	Canabis sativia	economic	Abundance
35	Tarad	Dioscorea belophylla	economic	Abundance
36	Jungli putna	Mentha arvensis	Medicinal	Abundance
37	Galoi	Tinospora cordifolia	Medicinal	Abundance
38	Banfsha	Viola odorata	Medicinal	Abundance

1	2	3	4	5		6		8	9	10	
Local Name	Scientific Name	Variety	Features	Habitat	Local	Status	Uses	Associated TK	Other details	Community/	
Local Ivalie	Scientific (Value	variety	reatures	Habitat	Past			Associated TK	Other details	Knowledge Holder	
Daryayi Chaahl	Oxygaster bacaila	Fish	cutting abdomen	slow moving nullas	Abundant	Abundant	Edible	fishermen use them as bait for other big fishes	N.A.	Generally, held by Local Fisherman	
Pathrili Chaahl	Barilius spp.	Fish	cutting abdomen	slow moving nullas	Abundant	Abundant	Edible	N.A.	N.A.	Generally, held by Local Fisherman	
Bootal	Crossocheilus diplochilus	Fish	Large snout	Rivers	Abundant	Abundant	Edible	N.A.	N.A.	Generally, held by Local Fisherman	
Sol	Channa marulius	Fish	Black ocellus on the caudal fin	muddy and slow moving nulla	Abundant	Abundant	Edible	N.A.	N.A.	Generally, held by Local Fisherman	
Garoj	Mastacembelus armatus	Fish	Shy in nature, generally hidden under stones	Rivers	Abundant	Abundant	Edible	N.A.	N.A.	Generally, held by Local Fisherman	
Tarakla	Xenentodon cancila	Fish	swims like an arrow on the surface of water	slow moving nullas	Abundant	Abundant	Edible	N.A.	N.A.	Generally, held by Local Fisherman	

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	Nadru	Nelumbo nucifera		Edible Vegitable								
2	Water thyme	Hydrilla		Resistance to high salinity in water								
3	Nappa	Nymphea										

### Format 22: Wild Plants of Medicinal Importance

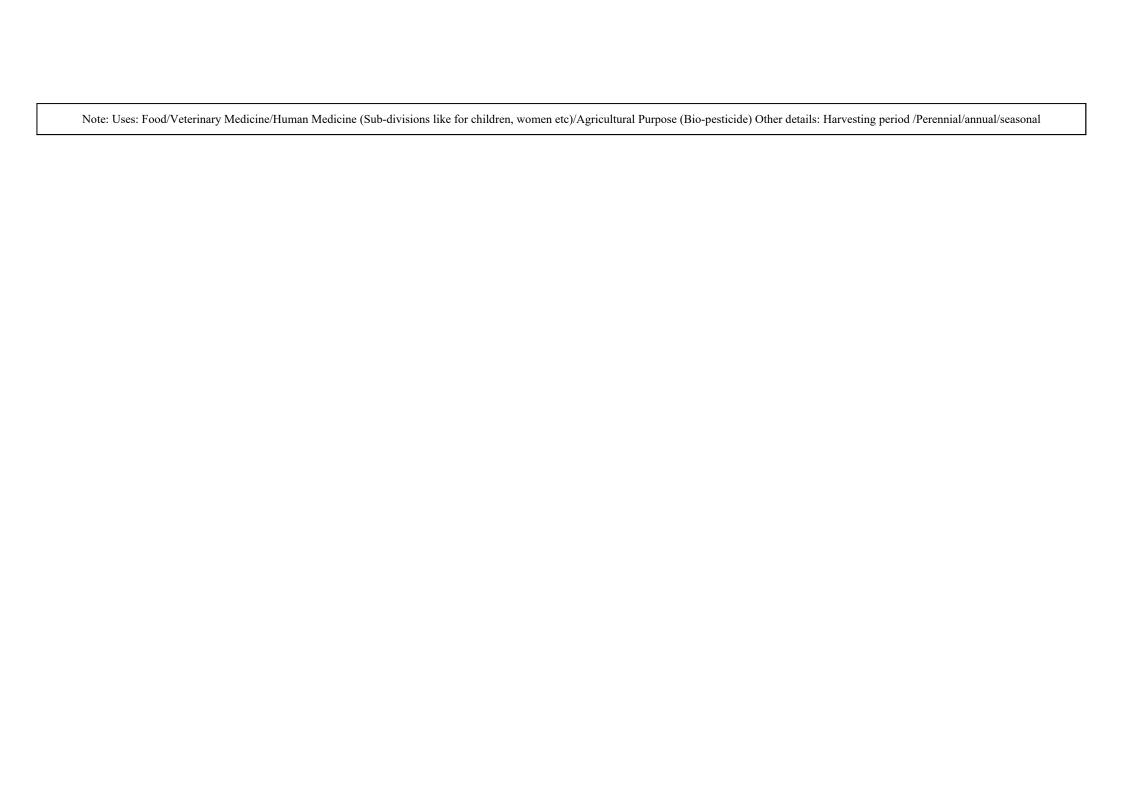
1	2	3	4	5	(	6	7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape / Habitat	Local	Status	Associated TK	Uses (usage)	Part used	Other details market/ own	Community/ Knowledge Holder
Siliub, 11ee)					Past	Present	1K			use	noider
Herb	Dudlu	Taraxacum officinale		Temperate area	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Herb	Tarad	Dioscorea belophylla		Lower shiwalik	Abundance	Abundance	own	Root	nil	nil	Generally, held by community
Herb	Jungli putna	Mentha arvensis		Lowershiwalik/ Temperate area	Abundance	Abundance	own	Leaves	posses medicinal properties	nil	Generally, held by community
Shrub	Trimuru	Zantho Xylum Aurmatum		Lower shiwalik	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Shrub	Jaflota	Jatropha Curcas		Lower shiwalik	Rare	Abundance	own		nil	nil	Generally, held by community
Shrub	Kimb	Citrus Karna		Lower shiwalik	Rare	Abundance	own	Fruit	nil	nil	Generally, held by community
Shrub	Gandera	Thevetia peruviana		Lower shiwalik	Abundance	Abundance	own		nil	nil	Generally, held by community
Shrub	Thub	Erythrina indica		Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Shrub	brankad	Adha toda vesica		Lower shiwalik	Abundance	Abundance	own	Flower	nil	nil	Generally, held by community
Shrub	Drainkdu	Murraya koenigii		Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Shrub	Dussa	Colebrookia oppositifolia		Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Shrub	Bana	Vitex negundo		Upper Shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Shrub	Akk	Ipomea fistulosa		Lower shiwalik	Abundance	Abundance	own		nil	nil	Generally, held by community
Shrub	Akk Datura	Calotropis procera		Lower shiwalik	Abundance	Abundance	own	Fruit	nil	nil	Generally, held by community

Shrub	Thor/Shuu	Euphorbia royleana	Lower shiwalik	Rare	Rare	own	Stem	nil	nil	Generally, held by community
Shrub	Aakhe	Rubus ellipticus	Lower shiwalik	Abundance	Abundance	own	Fruit	nil	nil	Generally, held by community
Shrub	Bareyan	Acorus calamus	Sub-Tropical area	Abundance	Abundance	own	Root	posses medicinal properties	nil	Generally, held by community
Shrub	Bhang	Canabis sativia	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Tree	Aaran	Prunus Persica	Lower shiwalik	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Tree	Amla	Phyllanthus emblica	Lower shiwalik	Rare	Rare	own	Fruit	posses medicinal properties	nil	Generally, held by community
Tree	Baadh	Ficus religiosa	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Bair	Ziziphus xylocarpa	Lower shiwalik	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Tree	Bheda	Terminalia bellerica	Lower shiwalik	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Tree	Bill-Patre	Angle mermelos	Lower shiwalik	Rare	Rare	own	Fruit	posses medicinal properties	nil	Generally, held by community
Tree	Cambel	Lannea coromandelica	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Tree	Charmood	Ehretia laevis	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Cheundi	Xylosma longifolium	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Tree	Chilla	Casearia tomentosa	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Dhaman	Grewia optiva	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem/ Bark	nil	nil	Generally, held by community
Tree	Drankh	Melia azedarach	Lower shiwalik	Abundance	Rare	own	Leaves/Stem	nil	nil	Generally, held by community
Tree	Fakwara	Ficus palmata	Lower shiwalik	Abundance	Abundance	own	Leaves/Fruit	nil	nil	Generally, held by community
Tree	Flai	Acacia Modesta	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Galdey	Rhamnua triquetra	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community

Tree	Guaid	Spermadictyon suaveolens	Lower sh	niwalik Abundan	ce Abundance	own	Leaves	nil	nil	Generally, held by community
Tree	Guvava	Psidium Guajava	Lower sh	niwalik Abundan	ce Abundance	own	Leaves/Fruit	posses medicinal properties	nil	Generally, held by community
Tree	Harad	Terminalia chebula	Lower sh	niwalik Rare	Rare	own	Stem/Fruit	Good for digestion	nil	Generally, held by community
Tree	Jaman	Syzygium cumini	Lower sh	niwalik Abundan	ce Abundance	own	Leaves/Fruit	maintains sugar level in human body	nil	Generally, held by community
Tree	Kainth	Pyrus paschia	Lower sh	niwalik Abundan	ce Abundance	own	Leaves	nil	nil	Generally, held by community
Tree	Kakad-Singhi	Pistacia khinjuk	Lower sh	niwalik Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Tree	Kakuya	Flacourtia indica	Lower sh	niwalik Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Kamla	Malotus philippensis	Lower sh	niwalik Abundan	ce Abundance	own	Leaves	nil	nil	Generally, held by community
Tree	Kandla	Premna Serratifolia	Lower sh	niwalik Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Karal	Bauhinia variegata	Lower sh	niwalik Abundan	ce Abundance	own	Leaves/Flower	nil	nil	Generally, held by community
Tree	Khadak	Celtis Tetrandra	Lower sh	niwalik Abundan	ce Abundance	own	Leaves	nil	nil	Generally, held by community
Tree	Khad-Manju	Neolitsea Pallens	Lower sh	niwalik Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Khair	Acacia catechu	Lower sh	niwalik Abundan	ce Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Tree	Khajur	Phoenix Sylvestris	Lower sh	niwalik Abundan	ce Abundance	own	Leaves	nil	nil	Generally, held by community
Tree	Khini	Ficus semicordata	Lower sh	niwalik Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Tree	Khroo	Trema Palitoria	Lower sh	niwalik Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Kiker	Acacia Nilotica	Lower sh	niwalik Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Kringal	Casia fistula	Lower sh	niwalik Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Tree	Lusada	Cordia dichotoma	Lower sh	niwalik Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community

Tree	Mangoo	Mangifera Indica	Lower shiwalik	Abundance	Abundance	own	Stem/Fruit	nil	nil	Generally, held by community
Tree	Ola	Albizzia chinensis	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Pansra	Wendlandia heynei	Lower shiwalik	Rare	Abundance	own	Stem	nil	nil	Generally, held by community
Tree	Plash	Butea monosperma	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Prag	Alnus nitida	Lower shiwalik	Abundance	Abundance	own	Stem	nil	nil	Generally, held by community
Tree	Pulla	Kydia calycina	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Punna	Ehretia acuminata	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Rada	Catunaregum spinosa	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Retha	Sapindus Mukorossii	Lower shiwalik	Rare	Rare	own	Fruit	nil	nil	Generally, held by community
Tree	Reu	Cotoneaster Bacilleris	Lower shiwalik	Rare	Rare	own		nil	nil	Generally, held by community
Tree	Rumbal	Ficus racemosa	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Safeda	Eucalyptus spp.	Lower shiwalik	Rare	Abundance	commercial	Stem	nil	nil	Generally, held by community

Tree	Sree	Albizzia lebbeck	Lower shiwalik	Abundance	Abundance	own	Leaves/Stem	nil	nil	Generally, held by
Tree	Simbal	Bombax ceiba	Lower shiwalik	Abundance	Abundance	commercial	Leaves/Stem	nil	nil	Generally, held by
										community  Generally, held by
Tree	Sumi	Glochidion velutinum	Lower shiwalik	Rare	Abundance	own	Leaves/Stem	nil	nil	community
Tree	Talli	Dalbergia sissoo	Lower shiwalik	Abundance	Abundance	own	Stem	nil	nil	Generally, held by community
Tree	Tantra	Oroxylum indicum	Lower shiwalik	Rare	Rare	own		nil	nil	Generally, held by community
Tree	Tooth	Morus alba	Lower shiwalik	Rare	Abundance	own	Leaves/Fruit	nil	nil	Generally, held by community
Tree	Trimbal	Ficus auriculata	Lower shiwalik	Rare	Rare	own	Leaves/Fruit	nil	nil	Generally, held by community
Tree	Tuni	Toona ciliata	Lower shiwalik	Abundance	Abundance	own	Stem	nil	nil	Generally, held by community
Tree	Badoo	Ficous Banglensis	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Rean	Litsea chinensis	Lower shiwalik	Abundance	Abundance	own	Leaves	nil	nil	Generally, held by community
Tree	Makora	Lonicera quinquelocularis	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Oan	Lyonia ovalifolia	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Sukhchain	Pongamia pinnata	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Popular	Populus ciliata	Lower shiwalik	Rare	Abundance	own	Leaves/Stem	nil	nil	Generally, held by community
Tree	Sanan	Desmodium oegensis	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Froh	Grewia sapida	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Arjun	Terminalia arjuna	Lower shiwalik	Rare	Abundance	own	Leaves/Bark	nil	nil	Generally, held by community
Tree	Chuntar	Bischofia javanica	 Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community
Tree	Kau	Olea cuspidata	Lower shiwalik	Rare	Rare	own	Leaves	nil	nil	Generally, held by community



## Format 23: Wild relatives of Crops

1	2	3	4	5	6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	<b>Local Status</b>	Uses ( usage)	Part Used	Associated TK	Other details	Community / Know holder
Flai	Acacia Modesta	Kikker	Scattered in forest	Rare	Fodder	leaf/branches	Good for Teeth Healing		Generally, held by community
Jungli putna	Mentha arvensis	Putna	Along the Nalla's	Abundance	Medicinal use	Leaf	Medicinal Properties		Generally, held by community

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

			Format 24:	Ornamental Plan	nts		
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
Kareer	Rosa acicularis		Lower to upper shiwalik	Non-Commercial	N.A	N.A	Generally, held by community
kringal	Casia fistula		Lower shiwalik	Non-Commercial	N.A	N.A	Generally, held by community
Gandera	Nerium oleander		Lower Shiwalik	Non-Commercial	N.A	N.A	Generally, held by community
Thub	Erythrina indica		Lower Shiwalik and Plains	Non-Commercial	N.A	N.A	Generally, held by community
Badah	Salix alba		Lower Shiwalik and Plains	Non-Commercial	N.A	N.A	Generally, held by community

# Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6	7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status	Uses ( usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
Shrub	Trimuru	Zantho Xylum Aurmatum		Forest	Rare	use for teeth Cleaning/Medicinal Purpose	Fruit,Branches	N.A	N.A	Generally, held by community
Shrub	brankad	Adhatoda vesica		Locally present	Abundance	Medicinal purpose	Flower	N.A	N.A	Generally, held by community
Shrub	Drainkdu	Murraya koenigii		Locally present	Abundance	Edible	Leaf	N.A	N.A	Generally, held by community
Shrub	Bana	Vitex negundo		Locally present	Rare	use for teeth Cleaning	Branches	N.A	N.A	Generally, held by community
Tree	Flai	Acacia Modesta		Forest	Rare	Medicinal purpose	Branches	N.A	N.A	Generally, held by community

				Format 26	: Timber Plants			
1	2	3		4	5	6	7	8
Local Name	Scientific Name	Habitat	Local	l Status	Other Uses, if any	Associated TK	Other Details	Community/ Knowledge Holder
			Past	Present	, , , , , , , , , , , , , , , , , , , ,			
Drankh	Melia azedarach	Lower shiwalik	Abundance	Rare	own	nil	nil	Generally, held by community
Jaman	Syzygium cumini	Lower shiwalik	Abundance	Abundance	own	maintains sugar level in human body	nil	Generally, held by community
Khair	Acacia catechu	Lower shiwalik	Abundance	Abundance	own	nil	nil	Generally, held by community
Kiker	Acacia Nilotica	Lower shiwalik	Rare	Rare	own	nil	nil	Generally, held by community
Mangoo	Mangifera Indica	Lower shiwalik	Abundance	Abundance	own	nil	nil	Generally, held by community
Safeda	Eucalyptus spp.	Lower shiwalik	Rare	Abundance	commercial	nil	nil	Generally, held by community
Sree	Albizzia lebbeck	Lower shiwalik	Abundance	Abundance	own	nil	nil	Generally, held by community
Simbal	Bombax ceiba	Lower shiwalik	Abundance	Abundance	commercial	nil	nil	Generally, held by community
Talli	Dalbergia sissoo	Lower shiwalik	Abundance	Abundance	own	nil	nil	Generally, held by community
Tooth	Morus alba	Lower shiwalik	Rare	Abundance	own	nil	nil	Generally, held by community
Tuni	Toona ciliata	Lower shiwalik	Abundance	Abundance	own	nil	nil	Generally, held by community
Popular	Populus ciliata	Lower shiwalik	Rare	Abundance	own	nil	nil	Generally, held by community

Kau	Olea cuspidata	Lower shiwalik	Rare	Rare	own	nil	nil	Generally, held by community
Chir	Pinus roxburghii	Lower & Upper shiwalik	Abundance	Abundance	own	nil	Resin	Generally, held by community

				Format 27 A	A: Coastal and	l Marine Flora	ı			
1	2	3	4	5	5	6	7	8	9	10
DI (T		G		Local	Status	Parts Collected	Commercial			Community/
Plant Type	Local Name	Scientific Name	Habitat	Past	Present	( if any)	Uses ( if any)	Other Uses	Associated TK	Knowledge Holder
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

			1	Format 27 I	3: Coastal	and Marine Fau	na			
1	2	3	4	:	5	6	7	8	9	10
Animal Type	Local Name	Scientific Name	Habitat	Local	Status	Parts Collected (if		Other Uses	Associated TK	Community/ Knowledge Holder
Ammai Type	Edeal Ivalite	Scientific Ivame	Habitat	Past	Present	any)	(if any)	Other Uses	Associated TK	Knowledge Holder

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

1	2	3	4	5	6		7	8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen		l Status	Uses (if any)	Associated TK	Mode of Hunting,	Other details	Community/
Animal Type	Local Name	Scientific Name	париас	Description	Season when seen	Past	Present	Uses (II any)	Associated 1 K	collecting (if any)	Other details	Knowledge Holder
Mammals	Chitra	Panthera pardus	Forest	-	Summer Season	ı	-	-	-	-	-	Generally, held by community
Mammals	Jungali Billi	Felis chaus	Forest	-	-	ı	-	-	-	-	-	Generally, held by community
Mammals	Mangoose	Herpsters aurpunctatus	Forest	-	-	ı	-	-	-	-	-	Generally, held by community
Mammals	Jackal	Canis aureus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Indian Fox	Vulpes bengalensis	Forest	-	-	ı	-	-	-	-	-	Generally, held by community
Mammals	Five Stripped Palm Squirrel	Funambulus penanti	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Field Mouse	Mus boodnga	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Indian Porcupine (sahi)	Hustrix indica	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Indian Hare (khargosh)	Lepus negricolis	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Barking Deer (Kakkarh)	Muntiacus mountjak	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Mammals	Indian Wild Boar (Jungali Sour)	Sus scrofa	Forest	-	-	ı	-	-	-	-	-	Generally, held by community
Birds	Common or Grey Quail	Conturnix conturnix	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Blue-Rock Pigeon	Columba Lioia	Forest	-	-	-	-	-	-	-	-	Generally, held by community

Birds	White Backed Bengal Vultures	Psuedogypes bengalensis	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Jungle Crow	Corvous marcorhynchos	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	House Crow	Corvous splendens	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Rollel or Blue Jay	Coracras bengalensis	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Koel	Eudynamys scolopacea	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Common Hawk Cuckoo	Cuculus varius	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Indian Myna	Acridotheres tristis	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Black Headed Myna	Sturnus pagodarus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Wood Pecker	Dryobates himalayansis	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Toota (Mansari)	Psittacula crameri	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Cheel	Milousmegrans	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Moor	Pavo cristatus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Tailor Bird	Orthotomous sustorius	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Indian Robin	Saxicolaides fulicata	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Paradise Fly Catcher	Terpsiphon paradisi	Forest	-	-	-	-	-	-	-	-	Generally, held by community

Birds	White Spotted Fantail Fly Catcher	Rhepidura albicollis	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Whitte Breasted king Fisher	Halcyon amyrnensis	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	House Sparrow	Passer domesticus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	The Hoopoe	Upupa epops	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	White Checked Bulbul	Pycnonotus leucogenys	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Birds	Goldern oriola	Oriolus oriolus	Forest	-	-	-	-	-	-	-	-	Generally, held by community
Reptiles	Cobra/Naag	Naja naja	Forest/Cultivated Areas/Along Water Bodies		Summer Season		-	-	-	-	-	Generally, held by community
Reptiles	Krait/Sanjuth	Zamenies mucosus	Forest/Cultivated Areas/Along Water Bodies		Summer Season		-	-	-	-	-	Generally, held by community
Reptiles	Python/Sangni	Python morulus	Forest/Cultivated Areas/Along Water Bodies		Summer Season		-	-	-	-	-	Generally, held by community
Reptiles	Himalayan Pit Viper	Viper rusellii	Forest/Cultivated Areas/Along Water Bodies		Summer Season		-	-	-	-	-	Generally, held by community
Amphibians	Mendak/meenk	Rana tigrina	Pond/Land		Rainy Season		-	-	-	-	-	Generally, held by community
Amphibians	Toad/Dadu	Buff melanostictus	Pond/Land		Rainy Season		-	-	-	-	-	Generally, held by community

#### Format 29: FloraURBAN BIODIVERSITY

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

			Format 30: 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.)
NA	NA	NA	NA	NA	NA

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