

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samity: **Tatani**

Taluk: **Drabshalla**

District: **Kishtwar**

UT: **Jammu & Kashmir**

Geographical Area of the Panchayat Samity: **7.6 sqkm**

Population under the Panchayat Samity: Total = **2432**

Male **1302** Female **1130**

Habitat and Topography: **Hilly terrain**

Climate (Rainfall, Temperature and other weather patterns) Land Use (Nine fold classification available with village records) Date, Month and Year of PBR preparation: **03-06-2022**

Management Regime: **Reserve Forests (RF) / Joint Forest Management (JFM) / Protected Areas (PA) / Community Owned and Managed Forests (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: Akhter Hussain Lone

Age: 40

Gender: Male

Address: Tatani

Area of specialization: Farmer

Gender: Female

Address: Tatani

3) Name: Naseema Banoo

Age: 36

Gender: Female

Address: Tatani

Area of specialization: Housewife

4) Name: Ab Qayoom

Age: 25

Gender: Male

Address: Tatani

Area of specialization: Farmer

5) Name: Mohd Ramzan Kharwani

Age: 62

Gender: Male

Address: Tatani

Area of specialization: Ret. teacher

6) Name: Ved Prakash

Age: 28

Gender: Male

Address : Tatani

Area of specialization: Business

7) Name: Bhagat Ram

Age: 70

Gender: Male

Address: Tatani

Area of specialization: Farmer

Annexure 2

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

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:-

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:

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 forestry

Name:
Age:
Gender: Address:
Area of specialization:

Name:
Age:
Gender: Address:
Area of specialization:

Name:
Age:
Gender: Address:
Area of specialization:

Annexure4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR

1) Contact Person Name and Address: Mohd Shafi(Forest Guard)
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2) Contact Person Name and Address: Gh Nabi(Pharmacist)
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3) Contact Person Name and Address:

4) Contact Person Name andAddress:

You may add names of more institutions / NGO / Individuals, etc. if necessary.
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Annexure5

Details of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefits derived and the mode of theirsharing					
No	Name and address of the Person /institution/ company/ others	Local and Scientific Name of the biological material Accessed and quantity	Date and resolution of the BMC and endorsement by the panchayat	Details of collection fee imposed	Anticipated mode of sharing benefits or quantum of benefits shared

Part II

**PBR – Formats
AGROBIODIVERSITY**

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 Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>	Dhan / tamul	Veliyan	Temperate conditions	NA	Plenty	Rare	Tall, high yield variety resistant to drought, pests & diseases	Aug-Sept	Food Fodder Fuel	Provides more energy	Not-known	Local preserved	Locals
Wheat	<i>Triticum aestivum</i>	Gundam	Local	Temperate conditions	NA	Plenty	Plenty	-do-	May-June	Food Fodder	Provides more energy	Not-known	Local preserved / Agriculture Deptt.	Locals
Barley	<i>Hordeum vulgare</i>	Jow	Local	Temperate conditions	NA	Plenty	Rare	-do-	May-June	Food Fodder	Provides more energy	Not-known	Local preserved	Locals
Maize	<i>Zea mays</i>	Makki	Local	Temperate conditions	NA	Plenty	Plenty	-do-	Sept-Oct	Food Fodder	Provides more energy	Not-known	Local preserved	Locals
Oat	<i>Avena sativa</i>	Lawn	Local	Temperate conditions	NA	Rare	Plenty	-do-	May-June	Fodder	Provides more energy	Not-known	Local preserved / Agriculture Deptt.	Locals
Beans	<i>Phaseolus vulgaris</i>	Rajmash	Local	Temperate conditions	NA	Plenty	Plenty	Resistant to drought, pests & diseases	Sept-Oct	Food Fodder	Provides more energy	Not-known	Local preserved	Locals

Pulse	<i>Lens culinaris</i>	Masoor	Local	Lowland valleys	NA	Plenty	Plenty	Resistant to drought, pests & diseases	April- May	Food Fodder	Provides more energy	Not-known	Local preserved	Locals
Cucumber	<i>Curmis sativus</i>	Khira	Local / Hybrid	Temperate conditions	NA	Plenty	Plenty		Aug-Sept	Provides more energy	Nutritious value	Commercial/ own use	Local preserved / Seed shops	Locals
Radish	<i>Raphanus sativus</i>	Mooli	Local turnip shaped radish	Temperate conditions	NA	Plenty	Plenty	NA	2-3 crops in a year	Eaten raw, used as vegetable and pickle making	Traditional variety and cultivation practice	Round, sharp, white colored	Local preserved	Locals
Tomato	<i>Lycopersicum esculentum</i>	Tamatar	Local / Hybrid	Temperate conditions	NA	Plenty	Plenty	NA	July-Sept	as vegetable and jam	Rich in vitamin C and Lycopene	NA	Local preserved	Locals
Kale	<i>Brassica oleroca</i>	Haak	Local / Hybrid	Temperate conditions	NA	Plenty	Plenty	High yield production	twice in a year	Ass vegetable	Rich in fibre	NA	Local preserved / Agriculture Deptt.	Locals
Bottle gourd	<i>Lagenaria siceraria</i>	Ghiya	Local/ Hybrid	Temperate conditions	NA	Plenty	Plenty	High yield production	May- Aug	As vegetable	Good for health	NA	Local preserved / Agriculture Deptt.	Locals
Potato	<i>Solanum tuberosum</i>	Aalu	Local pahadi aalu	Temperate conditions	NA	Plenty	Plenty	High yield production	May- Aug	As vegetable	Rich in proteins and carbohydrates	NA	Local preserved / Agriculture Deptt.	Locals
Green Chilly	<i>Capsicum annum</i>	Mirchi	Local/ Hybrid	Temperate conditions	NA	Plenty	Plenty	High yield production	May- Aug	As vegetable	Improve immune system	NA	Local preserved / Agriculture Deptt.	Locals

Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting (Repining)	Associated TK	Uses	Other details market/ownuse	Community / Knowledge holder
					Past	Present						
Apple	<i>Malus domestica</i>	Saib	Red delicious, Golden delicious, Ambri	Lowland valley / home gardens	Plenty	Plenty	Local preserved / Horticulture Deptt./ Pvt. Nursery	Aug-Sept	Reducing cholesterol, lowering blood sugar level	Nutritious value	Market / own use	Locals
Apricot	<i>Prunus armeniaca</i>	Khubani	Safeda, Qadri	-do-	Plenty	Rare	Local preserved / grafting	June-July	Cures heart diseases	Nutritious value	Market / own use	Locals
Walnut	<i>Juglans regia</i>	Akhroot	Local	Lowland valley / Agricultural land	Plenty	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Reduces prostrate cancer and diabetes	Nutritious value	Market / own use	Locals
Pear	<i>Pyrus communis</i>	Tang	Babugosha, Moti Daddi, Half red Naak	-do-	Plenty	Plenty	Local preserved / grafting	Aug-Sept	Uses for mild digestion problems, diarrhea, severe cholera	Nutritious value	Market / own use	Locals
Peach	<i>Prunus persica</i>	Aadu	Local, Shan-e-Punjab, Amba	-do-	Plenty	Rare	Local preserved	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals
Pomegranate	<i>Punica granatum</i>	Anardana	Local wild / Ganesh, Kandhari	-do-	Plenty	Rare	Local preserved	Sept-Oct	Provides more energy	Nutritious value	Market / own use	Locals

Grapes	<i>Vitis vinifera</i>	Angoor	Local / Hybrid	-do-	Rare	Rare	Local preserved	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals
Plum	<i>Prunus domestica</i>	Alu Bukhara	Santa Rosa / Local	Agriculture land	Rare	Rare	Local preserved / Seed shops	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals
Quince	<i>Cydonia oblonga</i>	Beehi	Local	Agriculture land	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals

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 Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Oak	<i>Quercus ilex</i>	Heru	Lowland / Forest	Plenty	Plenty	Natural propagation	Green leaves as fodder which provides more energy to livestock	Green Leaves	Also used as fuel wood & soil binder	Locals
Robenia	<i>Robinia pseudoacacia</i>	Kikar	Lowland / Forest	Rare	Rare	Natural propagation / Artificial regeneration	-do-	Green Leaves	Also a good soil binder plant	Locals
Ban oak	<i>Aescules indica</i>	Gug	Lowland / Forest	Rare	Rare	Natural propagation / Artificial regeneration	-do-	Green Leaves	Also used as fuel wood	Locals
Ailanthus	<i>Ailanthus altissima</i>	Fak kul	Lowland / Forest	Plenty	Plenty	Natural propagation	-do-	Green Leaves	Also used as fuel wood	Locals
Willow	<i>Salix alba</i>	Ier kul	Lowland / Forest	Plenty	Plenty	Natural propagation / Artificial regeneration	-do-	Green Leaves	Also used as fuel wood	Locals
Fig	<i>Ficus carica</i>	Figura/Fog	Lowland / Forest	Plenty	Rare	Natural propagation	Provides fodder and more energy to livestock	Green / dry Leaves	Fruit edible & also used as fuel wood	Locals
Rice	<i>Oryza sativa</i>	Dhan / tamul	Temperate/ Lowland valleys		Rare	Local preserved	Provides fodder and more energy to livestock	Whole plant	Also provides food grains	Locals
Wheat	<i>Triticum aestivum</i>	Gundam	Temperate/ Lowland valleys	Plenty	Plenty	Local preserved / Agriculture Deptt.	Provides fodder and more energy to livestock	Whole plant	Also provides food grains	Locals
Barley	<i>Hordeum vulgare</i>	Jow	Temperate/ Lowland valleys	Plenty	Rare	Local preserved	Green & dry plant used as fodder for the livestock	Whole plant	Also provides food grains	Locals
Maize	<i>Zea mays</i>	Makki	Temperate/ Lowland valleys	Plenty	Plenty	Local preserved	Provides fodder and more energy to livestock	Whole plant	Also provides food grains	Locals

Oat	<i>Avena sativa</i>	Lawn	Temperate/ Lowland valleys	Rare	Plenty	Local preserved / Agriculture Deptt.	Green & dry plant used as fodder for the livestock	Whole plant	Fodder crop	Locals
Bathua	<i>Chenopodium album</i>	Kunh	Temperate/ Lowland valleys	Plenty	Plenty	Natural propagation	As Fodder	Whole plant	Eaten as a highly nutritious vegetable	Locals

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 options	Associated TK	Other details like exotic	Community / Knowledge holder
						Past	Present					
Grass	<i>Cynodon dactylon</i>	Dhrub	Every crop	Less growth of affected crop	Forest / Lowland	Plenty	Plenty	Fodder grass	Pesticide spraying / plucking out	Religious purpose	Not reported	Locals
Grass	<i>Echinochloa crus-galli</i>	Grass	Rice	-do-	Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	Locals
Grass	<i>Anagallis arvensis</i>	Grass	Maize	-do-	Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	Locals
Grass	<i>Lolium temulentum</i>	Rye grass	Wheat	-do-	Lowland	Plenty	Plenty	-	Manual plucking out	Weed adversely affect crop quality	Not reported	Locals
Shrub	<i>Malva sylvestris</i>	Sotsal	Vegetables	-do-	Lowland	Plenty	Plenty	-	Manual plucking out	Medicinal use	Not reported	Locals
Herb	<i>Cannabis sativa</i>	Bhang	Every crop	-do-	Forest /Lowland	Plenty	Plenty	Making Charas (intoxicating drug)	Manual plucking out	Religious purpose	Not reported	Locals
Herb	<i>Carduus nutans</i>	Kond posh	Every crop	-do-	Forest /Lowland	Plenty	Plenty	-	Manual plucking out	Weed	Invasive alien species	Locals

Herb	<i>Utrica dioica</i>	Soi	Every crop	-do-	Forest /Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	Locals
Herb	<i>Matricaria chamomilla</i>	Chamomile	Every crop	-do-	Forest /Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	Locals

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
Deodar tree	Insect	<i>Ectropis deodarae</i>	Deodar defoliator	On host	July to Oct	Insecticide application	Not reported	Leaf defoliator	Farmers, locals and Deptt. of agriculture and horticulture
Kail tree	Fungi	<i>Lophodermium macchi</i>	Fungus	On host and fallen needles	July to Oct	Insecticide application	Not reported	Leaf defoliator	
Fir tree	Fungi	<i>Fusarium pallidoroseum</i>	Fungus	On host and fallen needles	July to Oct	Insecticide application	Not reported	Leaf defoliator	
Maize	Insect	<i>Helicoverpa zea</i>	Corn earworm	Farm fields	-	Insecticide application	Leaf damager	Not known	
Maize	Animal	<i>Rattus norvegicus</i>	Rat	Farm fields	After flowering	Chemical pesticide	Roots and fruit damager	Not known	
Wheat	Insect	<i>Odontotermes obesus</i>	Termites	Farm fields	Ripening period	Insecticide application	Damages the food grain	Not known	
Polyphagous	Insect	<i>Spodoptera exigua</i>	yan/ White cabbage butterfly	Leaf feeder	May- Sept	Insecticide application	Damages plant and reduces crop yield	Not known	

Peach, plum Insect *Brachycaudus helichrysi* Leaf- curling aphid On host May- October Insecticide application Damages the crop Leaf defoliator

Apple, Pear Insect *Eriosoma lanigerum* Woolly aphid On host and fallen leaves May- October Insecticide application Damages the plant and crop Not known

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	Caste/ Tribe	Social condition	Nature of inhabitants	No. of HHs
General and Scheduled caste & Schedule tribe	Agriculture	Collection of NTFP, Cattle rearing, Artisans & Govt. Servants	Forest (Hilly terrain)/ Agriculture landscape	Agriculture for the purpose of food grains and fodder	Terrace farming	Traditional resource management practices	General / SC / ST	Socially privileged	Most of them do own jobs, economically less privileged	540

Format-8 : Landscape.

1			2	3	4	5	6	7	8	9	10	11	12
Major Landscapes			Sub-Landscapes	Features and approx. area	Ownership	General flora	General fauna	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Agricultural land	Pond	Fallow land											
Cultivated	nil	nil	Mountainous	Rocky/ sandy land	Property/ shamlat	Deodar	Leopard	Local Inhabitants	Self management	cultivation	Indigenous knowledge of local communities	---	---
						Kail	Black bear						
						Fir	Monkey						
						Spruce	Jackal						
						Champ	Wild goat						
						Anar	Fox						
						Akhroot	Wild cat						
						Dhoop	Rat						
						Nagchhatri	Lizard						
						Apricot	Snake						
						Heru	Pigeon						
						Mohru	House Sparrow						
						Kiker	Koel						
						Mush Kapoor	Crow						
						Muchakballa	Spider						
						Guchhies	Butterfly						
						Kour	Bee						
Kuth	Owl												
Bankhoor	Mosquito												
Kumlaie	Partridge												
Phrast	Bulbul												

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	Ownership	General Flora	General Fauna	Major Uses	User Group	Management Practices	General uses	Associated TK	Other Detail	Community Accessed
Nallah	Spring	Bimal nag, Tributary of river Chenab	Govt./ Panchayat	Mostly ferns, bryophytes and pteridophytes	Amphibians and insects	Irrigation and drinking	Local population	De-silting	Irrigation		Religious place	Local population
	Gadh											

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 soil and sandy loamy soil, Mountainous	Sandy/Grayish brown, small grained mixture	Does not retain water frequent irrigation	Recharged with leaf manure, animal waste compost	Conifer plants, broad leaved plants, Fruit plants, NTFP species, Wheat, barley, maize, rice and some seasonal vegetables.	Domesticated /wild plants and animals	Provides good quality of timber, fuelwood, NTFP, food and fodder	-

DOMESTICATED BIODIVERSITY

Format 11: Fruit Trees

1	2	3	4	6	7		8	9	10	11	12	13
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/seeds	Season of Fruiting (Repining)	Uses (usage)	Associated TK	Other details market/own use	Community/ Know. holder
					Past	Present						
Apple	Saib	<i>Malus domestica</i>	Red delicious, Golden delicious, Ambri	Lowland valley / home gardens	Rare	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Nutritious value	Reducing cholesterol, lowering blood sugar level	Market / own use	Locals
Apricot	Khubani	<i>Prunus armeniaca</i>	Safeda, Qadri	-do-	Plenty	Rare	Local preserved / grafting	June-July	Nutritious value	Cures heart diseases	Market / own use	Locals
Walnut	Akhroot	<i>Juglans regia</i>	Local	Lowland valley / Agricultural land	Plenty	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Nutritious value	Reduces prostate cancer and diabetes	Market / own use	Locals
Pear	Tang	<i>Pyrus communis</i>	Babugosha, Moti Daddi, Half red naak	-do-	Plenty	Plenty	Local preserved / grafting	Aug-Sept	Nutritious value	Uses for mild digestion problems, diarrhea, severe cholera	Market / own use	Locals
Peach	Aadu	<i>Prunus persica</i>	Local, Shan-e-Punjab, Amba	-do-	Plenty	Plenty	Local preserved	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
Pomegranate	Anardana	<i>Punica granatum</i>	Local	-do-	Plenty	Plenty	Local preserved	Sept-Oct	Nutritious value	Provides more energy	Market / own use	Locals
Grapes	Angoor	<i>Vitis vinifera</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
Cucumber	Khira	<i>Curmis sativus</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
Plum	Ore	<i>Prunus domestica</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals

Quince	Beehi	<i>Cydonia oblonga</i>	Local	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
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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	Location status		Uses (usage)	Part used	Associated Tk	Other details market/ own use	Community/ Knowledge Holders
						Past	Present					
Herb	Rohan-hak/Pran/ Gogcheegma	<i>Allium carolinianum</i>	MFP	Forest	Natural	Plenty	Rare	Contain sulphur compounds (which give them their onion flavour) help to reduce blood cholesterol levels, acts as a tonic to the digestive system	Bulbs, Leaves, Flowers			
Herb	Dhrub	<i>Cynodon dactylon</i>	MFP	Forest	Natural	Plenty	Rare	used as a laxative, coolant, expectorant, & as a brain & heart tonic used for all types of bleedings & skin troubles.	Whole plant			
Tree	Horse chest nut	<i>Aesculus hippocastanum</i>	B/L	Forest	Natural	Plenty	Rare	used for treatment of dysentery, bronchitis, hemorrhoids.	Leaves			
Herb	Vena	<i>Mentha longifolia</i>	MFP	Forest	Natural	Plenty	Endangered	Respiratory ailments, treat wounds	Leaves			
Tree	Haadi	<i>Prunus armeniaca</i>	B/L	Forest	Natural	Plenty	Rare	Antispasmodic, chronic bronchitis	Whole plant			
Herb	Bhang	<i>Cannabis sativa</i>	MFP	Forest	Natural	Plenty	Rare	used for recreational or medicinal purposes	Whole Plant			
Herb		<i>Viola canescens</i>	MFP	Forest	Natural	Plenty	Rare	used for cough, cold, flu, fever & malaria	Leaf, Flower			
Herb		<i>Viola indica</i>	MFP	Forest	Natural	Plenty	Rare	Respiratory tract congestion asthma, sore throat	Flowers			
Herb	Suchal	<i>Malva neglecta</i>	MFP	Forest	Natural	Plenty	Rare	Astringent, demulcent, diuretic	Leaves, Flowers, Root			
Tree	Fog, feku	<i>Ficus palmata</i>	B/L	Forest	Natural	Plenty	Rare	used for skin diseases, treatment of lungs & bladder diseases	Fruit			
Tree	Akhroot	<i>Juglans regia</i>	B/L	Forest	Natural	Plenty	Rare	leaves are used in treatment of chronic coughs, asthma & purify blood and treat diabetes	Leaves, Fruit,			
Tree		<i>Populus alba</i>	B/L	Forest	Natural	Plenty	Rare	used in the treatment of arthritis, gout, lower back problem and reduce fever	Stem, Bark			
Tree	Kahu	<i>Olea cuspidata</i>	B/L	Forest	Natural	Plenty	Rare	bark used for fracture, leaf use for treatment of malaria, UTI	Bark, Leaves			
Herb	Hamesh-Bahar	<i>Calendula officinalis</i>	MFP	Forest	Natural	Plenty	Rare	Applied on Skin disease, Burns	Flower, leaf			

Local people have ample knowledge with respect to the identification of the species as well their common usage

Herb	Banafsha	<i>Viola odorata</i>	MFP	Forest	Natural	Plenty	Rare	<i>Throat problem, Cold, cough</i>	Flower
Herb		<i>Amaranthus viridis</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of fever, pain, asthma	Whole part
Herb	Ganda	<i>Allium cepa</i>	MFP	Forest	Natural	Plenty	Rare	Anti inflammatory, antiseptic	Bulb, Leaves
Herb		<i>Allium humile kunth</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of cholera, dysentery, cough	Bulbs
Herb	Thom	<i>Allium sativum</i>	MFP	Forest	Natural	Plenty	Rare	Fever, diabetics, swellings	Bulbs
Herb	Dhaniya	<i>Coriandrum sativum</i>	MFP	Forest	Natural	Plenty	Rare	Measles, hemorrhoids, toothache & joint pain	Leaves, Seeds
Herb	Mooli	<i>Raphanus sativus</i>	MFP	Forest	Natural	Plenty	Rare	To treat constipation, chronic tracheitis & hypertension	Leaves root
Herb	Sunflower	<i>Helianthus annuus</i>	MFP	Forest	Natural	Plenty	Rare	High fever, snake bite	Leaf, Seed
Climber	Kaakid	<i>Cucumis sativus</i>	MFP	Forest	Natural	Plenty	Rare	Blemished skin, heart rash, burns, sores	Whole part
Climber	All, kaddu	<i>Cucurbita pepo</i>	MFP	Forest	Natural	Plenty	Rare	Anti inflamentry, anti viral, anti ulcer	Whole part
Tree	Shehtut	<i>Morus alba</i>	MFP	Forest	Natural	Plenty	Rare	Asthma, Bronochits	Bark
Herb	Green Chilly	<i>Capsicum annum</i>	Local	Temperate	Cultivated	Plenty	Plenty	Improve immune system	Fruit

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
Broad leaved	Chinar	<i>Platanus orientalis</i>	Local	Forest / private nurseries	Non-commercial	Ornamental	Provides cool shade and home for many birds	Dried leaves are used as Kangri fuel	Locals
Evergreen tree	Sarv Kull	<i>Cupressus cashmeriana</i>	Local	Private nurseries	Non-commercial	Ornamental	Provides scenery and beauty of area	Unknown	Locals
Shrub	Gainda	<i>Tagetes erecta</i>	Local	Preserved seed	Non-commercial	Ornamental	Provides beauty of home garden	Also used for religious purpose	Locals
Shrub	Gulab	<i>Rosa indica</i>	Local	From cuttings	Non-commercial	Ornamental	Provides beauty to home garden	Also used for religious purpose	Locals
Shrub	Dhaliya	<i>Dahlia pinnata</i>	Local	Rhizomes of flower plant	Non-commercial	Ornamental	Provides beauty to home garden	Also used for religious purpose	Locals

Format-14 : Timber Plants/ Trees.

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local status		Wild/ home garden	Other uses (multi)	Associated TK	Other details	Community/ Know holder
				Past	Present					
Trees	Kikar	<i>Robinia pseudoacacia</i>	Temperate	Plenty	Common	Wild/homegrown	Fuel wood, fodder			Local zamindars have got ample knowledge with respect to identification of the species as well their common usage
Trees	Akhrot	<i>Juglans regia</i>	Temperate	Plenty	Common	Wild/homegrown	Firewood,medicine			
Trees	Phrast	<i>Populus alba</i>	Temperate	Plenty	Common	Wild/homegrown	Firewood,Fodder			
Trees	Shisham	<i>Dalbergia sisoo</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/timber			
Trees	Kharshu	<i>Quercus spp</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood			
Trees	Haadi	<i>Prunus armeniaca</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/Fodder			
Trees	Heru	<i>Quercus ilex</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/Fodder			
Trees	Kahu	<i>Olea cospidate</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/timber			

Format 15: Domesticated Animals

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Breed (local/hybrid)	Features	Method of keeping	Local status		Uses	Associated TK	Commercial rearing	Other details including products and services	Community Know. Holders
						Past	Present					
Sheep	Bhead	<i>Ovis aries</i>	Local	Small size rough coat	Flock rearing	Plenty	Rare	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Locals/Nomads
Sheep	Bhead	<i>Ovis aries</i>	Rambouillet cross bread	Large size low body weight	Flock rearing	Rare	Plenty	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Locals/Nomads
Goat	Bakri	<i>Capra hircus</i>	Local	Small size low body weight	Flock rearing	Plenty	Rare	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Goat	Bakri	<i>Capra hircus</i>	Kaghani, bakasooli	Large size high body weight	Flock rearing	Rare	Plenty	Mutton and wool	Yes	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Cow	Gaay	<i>Bos taurus</i>	Local/ Desi/Jersey	Cow have hooves on there feet and can weight upto 400 pounds	Flock rearing/ Domestication	Plenty	Rare	Milk, Cow dung	Milk good for health	Yes	High milk production	Local/Nomads
Buffalo	Bhains	<i>Bubalus bubalis</i>	Local	Dark slab colour less	Domestication	Common	Common	Milk, Dung	Milk good for health	Yes	High milk production	Local/Nomads
Ox	Bael	<i>Bos taurus</i>	Local	For ploughing	Domestication	Plenty	Rare	For ploughing	Use for ploughing	Yes	Use for ploughing	Local/Nomads
Dog	Kutta	<i>Canis familiaris</i>	Local/ Bakerwal	Small to median height, white, brown black in colour	Domestication	Plenty	Common	Guard, hunting dog	Nil	Nil	Nil	Local/Nomads
Cat	Billi	<i>Felis catus</i>	Local	Small, greyish black, white in colour	Wild/ Domestication	Common	Common	Pest control	Nil	Nil	Nil	Local/Nomads
Horse	Ghoda	<i>Equus caballus</i>	Local	Large strong animals, 60-	Domestication/	Common	Common	Used in riding and	Nil	Nil	N/A	Local/Nomads

HORSE	उद्गुण	<i>Equus caballus</i>	Local	70 inches in height	Flock rearing	Common	Common	transport	Nil	Nil	NA	Local/Nomads
Mule	Khacchar	<i>Equus mulus</i>	Local	Generally brown, grey or black in colour, 55 to 65 inches in height	Domestication	Common	Common	Used as draught and pack animal	Nil	Nil	Nil	Local/Nomads
Poultry	Kukad	<i>Gallus domesticus</i>	Desi/ Hybrid	Enriched meat flavour, high egg yield	Domestication/ Rearing	Common	Common	Egg/Meat	Nil	Nil	Nil	Locals/Nomads
Donkey	Gadha	<i>Equus asinus</i>	Local	White, black or grey in colour, smaller than a horse	Domestication	Common	Common	Used as a beast of burden	Nil	Nil	NA	Local/Nomads

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 (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
NA	NA	NA	NA	NA	NA	NA	NA	NA	-	NA	NA	NA

Format-17 : Markers/ Fairs for Domesticated Animals, Medicinal Plants and other products.

1	2	3	4	5	6	7	8	9
Name of the Weekly Market/ Fair	Location	Weekly/ Fortnightly & others Bi-annual/ Annual	Day held	Month incase of bi-annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported
-----Nil-----								

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 use	Part collected	Associated Tk	Other details	Community Knowledge Holder
					Past	Present					
Shurb	Rhubarb (Churko)	<i>Rheum spiciforme</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower/ stem			
Herb	Kuth	<i>Saussurea costus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root/ Rhizome			
Herb	Murg jawain, Bajarbhang	<i>Hyoscyamus niger</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seeds			
+	Guggal/Dhoop	<i>Jurinea dolomiaea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots			
Herb	Rohan-hak/Pran/ Gogcheegma	<i>Allium carolinianum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Bulbs, Leaves, Flowers			
Herb	Gaozabaan (Ratanjot)	<i>Arnebia benthamii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots, Rhizomes			
Shurb	Dhatura	<i>Datura stramonium</i>	MFP	Temperate	Common	Plenty	Commercial and own use	Seeds			
Herb	Gokhru	<i>Tribulus terrestris</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves & Flowers			
Shurb	Seski (murin)	<i>Artemisia brevifolia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves			
Herb	Zakhm-e-hayaat	<i>Bergenia ciliata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves & Roots			
Herb	Surajan-e-talakh	<i>Colchicum luteum</i>	MFP	Temperate	Common	Common	Commercial and own use	Corms			
Herb	Salam-panja	<i>Dactylorhiza hatagirea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots, Rhizomes			
Climber	Shingli-mingli	<i>Dioscorea deltoidea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots			
Shurb	Kalveuth	<i>Prunella vulgaris</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves & Flowers			
	Ravend-Chini (Pambchalan)	<i>Rheum australe</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots, Rhizomes			
Herb	Handh	<i>Taraxacum officinale</i>	MFP	Temperate	Common	Common	Commercial and own use	Leaves			
Herb	Mushakbala	<i>Valeriana hardwickii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots			
Shurb	Kasrore	<i>Diplazium esculentum</i>	MFP	Temperate	Common	Common	Commercial and own use	Leaves			

Herb	Shivlingi	<i>Diplocyclos palmatus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Ariel plants parts	
Herb	Patrees	<i>Aconitum heterophyllum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Herb	Pushkarmula	<i>Inula racemosa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots, Rhizomes	
Herb	Tilpushpi (Foxglove)	<i>Digitalis purpurea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Shrub	Gur-Krandel	<i>Ferula jaeschkeana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb	Resha-Khatmi	<i>Lavatera cashmeriana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Roots & Flowers	
Herb	Kour, Kutki, Kadu, Kadvi	<i>Picrorhiza kurroa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
	Chuka Ladur	<i>Polygonum alpinum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf stems	
				Temperate	Common	Rare			
Herb	Marchi, Jungli ajwain	<i>Thymus linearis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb	Rumkath, Budarkath, Bantambaku (Gidar Tambakoo)	<i>Verbascum thapsus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb	Kuhushbondhri (Gas plant)	<i>Dictamnus albus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Bark & Root	
Tree	Khareu	<i>Ilex dipyrena</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower, Leaf & Fruit	
Herb	Kasnil Hand	<i>Cichorium intybus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb	Pambechalan/chukri	<i>Rheum emodi</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Tree	Zum	<i>Prunus cornuta</i>	MFP	Temperate	Common	Rare	Commercial and own use	Timber	
Herb	Neelkanth	<i>Ajuga bracteosa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Herb	Choru/Chohori	<i>Angelica glauca</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Herb	Cow Parsnip	<i>Heracleum candicans</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Climber	Agranth	<i>Hedera nepalensis</i>	MFP	Temperate	Common	Common	Commercial and own use	Leaves	
Shrub	Bakru	<i>Lonicera quinquelocularis</i>	MFP	Temperate	Common	Common	Commercial and own use	Stem., Braches	
Shrub	Chalander	<i>Viburnum grandiflorum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fruit	
Herb	Goose grass(Kuri, khourti)	<i>Galium aparine</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Stem	
Herb	Mushkbala	<i>Valeriana jatamansi</i>	MFP	Temperate	Common	Rare	Commercial and own use	Dried roots & Rhizomes	
Tree	Fir	<i>Abies pindrow</i>	CONIFER	Temperate	Common	Rare	Commercial and own use	Seeds, Timber	

Tree	Deodar	<i>Cedrus deodara</i>	CONIFER	Temperate	Common	Rare	Commercial and own use	Seeds ,Timber oil	
Tree	Spruce	<i>Picea smithiana</i>	CONIFER	Temperate	Common	Rare	Commercial and own use	Seeds, Timber	
Tree	Kail	<i>Pinus wallichiana</i>	CONIFER	Temperate	Common	Rare	Commercial and own use	Timber	
Herb	Gentheer	<i>Adiantum capillus-veneris</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb	Sapp Guggal	<i>Arisaema flavum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Tubers	
Herb	Deela	<i>Cyperus rotundus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes, Roots	
Herb	Drub	<i>Cynodon dactylon</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole plant	
Herb	Palain	<i>Dichanthium annulatum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole plant	
Herb	Kai	<i>Saccharum spontaneum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers, Grass	
Shrub	Vethur	<i>Juniperus communis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Stem	
Herb	Gul-e-sanobar	<i>Geranium wallichianum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots, Bark	
Herb	Chuku	<i>Oxalis corniculata</i>	MFP	Temperate	Common	Common	Commercial and own use	Whole plant	
Herb	Hillu	<i>Impatiens glandulifera</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower	
Shrub	Sanglidhoop	<i>Skimmia anquetilia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Shrub	Beri	<i>Ziziphus oxyphylla</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fruit	
Tree	Horse chest nut	<i>Aesculus hippocastanum</i>	B/L	Temperate	Common	Rare	Commercial and own use	Leaves	
Tree	Kanjil	<i>Acer caesium</i>	B/L	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb	Neelkanth	<i>Ajuga bracteosa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf	
Herb	Jungli pudina	<i>Mentha arvensis</i>	MFP	Temperate	Common	Common	Commercial and own use	Leaves	
Herb	Vena	<i>Mentha longifolia</i>	MFP	Temperate	Common	Common	Commercial and own use	Leaves	
Herb	Kal viuth	<i>Prunella vulgaris</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Shrub	Sheshak	<i>Rabdosia rugosa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb	Kashmir sage	<i>Salvia hians</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Parts	
Herb	Gaddo	<i>Salvia moorcroftiana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Shrub	Kanhaji	<i>Sorbaria tomentosa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb	DhadKopdi	<i>Bergenia stracheyi</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Herb	Dand jari	<i>Rhodiola himalensis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Bark	
Herb	Kuuppadd jari	<i>Sedum ewersii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole plant	
Tree	Ringkul	<i>Crataegus songarica</i>	B/L	Temperate	Common	Rare	Commercial and own use	Whole plant	
Herb	Wild Strawberry	<i>Fragaria nubicola</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fruit	
Tree	Haadi	<i>Prunus armeniaca</i>	B/L	Temperate	Common	Rare	Commercial and own use	Whole plant	

Herb	Patrishi	<i>Aconitum heterophyllum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Not Available	
Herb	Tatnu	<i>Caltha palustris</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves,Stem	
Herb	Sornai, morning glory	<i>Ipomaea purpurea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seeds	
Herb		<i>Cuscuta europaea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seeds,vegetable	
				Temperate	Common	Rare			
Herb	Jala-Kafal	<i>Atropa acuminata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole plant	
Herb	Brand	<i>Phytolacca acinosa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves,Roots	
Herb	Himalayan rhubarb	<i>Rheum australe</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes,Roots	
Herb	Moor craft's rhubarb	<i>Rheum moorcroftianum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes,Roots	
Herb	Mulain	<i>Inula royleana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Parts	
				Temperate	Common	Rare			
Herb	Lesser's violet dandelion	<i>Lactuca lessertiana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Not available	
Herb	Himalayan edelweiss	<i>Leontopodium himalayanum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Parts	
Herb		<i>Saussurea heteromalla</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf, root	
Herb		<i>Saussurea lappa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
				Temperate	Common	Rare			
Herb	Jarjam	<i>Senecio chrysanthemoides</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb		<i>Senecio gradiflorus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Herb		<i>Senecio nudicaulis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb	Pinja phooli	<i>Solidago virgaurea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers,Leaves	
Herb	Sow thistle	<i>Sonchus arvensis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Stems,Leaves	
Herb		<i>Sonchus asper</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves,Stem,Tops	
Herb		<i>Sonchus oleraceus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Stem & Leaves	
Herb		<i>Tanacetum gracile</i>	MFP	Temperate	Common	Rare	Commercial and own use	Dried Aerial Parts	
Herb	Handh	<i>Taraxacum officinale</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fruits,Leaves	
Shrub		<i>Lyonia ovalifolia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves& Buds	
Shrub		<i>Rhododendron campanulatum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Shrub		<i>Elaeagnus parvifolia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers,Seed	
Climber		<i>Viscum album</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves,Stem,Pea sized Berries	
Herb		<i>Euphorbia cognata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seed Stem	

Herb		<i>Euphorbia rothiana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Stem Bark	
Herb	Milkweed, doodil	<i>Euphorbia helioscopia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Stem,Root	
Herb		<i>Girardinia heterophylla</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb	Soy	<i>Urtica dioica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Tree	Brimij	<i>Celtis australis</i>	B/L	Temperate	Common	Rare	Commercial and own use	Leaves,Root	
Tree		<i>Ulmus wallchiana</i>	B/L	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb		<i>Cannabis sativa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb		<i>Viola canescens</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf,Flower	
Herb		<i>Viola indica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Viola betoniifolia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Dianthus jacquemontii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Gypsophila cerastioides</i>	MFP	Temperate	Common	Rare	Commercial and own use	Not Available	
Herb		<i>Lychnis indica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots,Flowers	
Herb		<i>Silene edgeworthii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb		<i>Stellaria media</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole plant	
Herb		<i>Hypericum elodeoides</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Parts	
Shrub		<i>Hypericum oblongifolium</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Parts	
Herb		<i>Hypericum perforatum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Parts	
Herb	Suchal	<i>Malva neglecta</i>	MFP	Temperate	Common	Common	Commercial and own use	Leaves,Flowers,Root	
Herb		<i>Geranium polyanthes</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower	
Herb	Gugchuk, Ringrash	<i>Geranium pretense</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Shrub	Tung	<i>Cotinus coggygria</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves,Bark	
Shrub		<i>Rhus succedanea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fruits	
Herb		<i>Astragalus grahamianus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Shrub		<i>Astragalus himalayanaus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Gum	
Shrub	Shemar	<i>Desmodium elegans</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Shrub		<i>Indigofera heterantha</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers ,Branches	
Shrub		<i>Indigofera tinctoria</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowering & Fruiting Branches	

Herb		<i>Trifolium fragiferum</i>	MFP	Temperate	Common	Common	Commercial and own use	Flowers,Leaves	
Herb	White clover	<i>Trifolium repens</i>	MFP	Temperate	Common	Common	Commercial and own use	Flowers,Leaves	
Herb		<i>Trigonella emodi</i>	MFP	Temperate	Common	Rare	Commercial and own use	Stem ,Leaves	
Herb		<i>Vicia sativa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seed	
Herb		<i>Vicia sepium</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes,Leaves	
Tree	Fog, feku	<i>Ficus palmata</i>	B/L	Temperate	Common	Rare	Commercial and own use	Fruit	
Tree		<i>Morus serrata</i>	B/L	Temperate	Common	Rare	Commercial and own use	Root ,Wood	
Tree	Akhroot	<i>Juglans regia</i>	B/L	Temperate	Common	Rare	Commercial and own use	Leaves,Fruit,	
Tree	Champ	<i>Alnus nitida</i>	B/L	Temperate	Common	Rare	Commercial and own use	Bark	
Tree	Bhoj patra	<i>Betula utilis</i>	B/L	Temperate	Common	Rare	Commercial and own use	Bark	
Tree		<i>Quercus baloot</i>	B/L	Temperate	Common	Rare	Commercial and own use	seeds	
Tree		<i>Populus alba</i>	B/L	Temperate	Common	Rare	Commercial and own use	Stem,Bark	
Tree		<i>Populus ciliata</i>	B/L	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Shrub	Willow	<i>Salix alba</i>	MFP	Temperate	Common	Rare	Commercial and own use	Stem	
Shrub	Kareel- kaimbal, khumlai	<i>Berberis aristata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root,Stem,Leaves	
Shrub		<i>Berberis jaeschkeana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes,Fruit	
Shrub	Kaimal/Daruhalidi	<i>Berberis lycium</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots ,Stem,Bark	
Herb	Ban kakri	<i>Podophyllum hexandrum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes	
Herb	Guli neelam, kandyari	<i>Meconopsis aculeata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb		<i>Papaver somniferum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb		<i>Meconopsis latifolia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Corydalis cachemiriana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers,Stems,Leaves	
Herb	Bhutiyata	<i>Corydalis govaniana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb		<i>Corydalis thyrsoiflora</i> Prain	MFP	Temperate	Common	Rare	Commercial and own use	Leaves,Flowers	
Herb	Pit papara, papara	<i>Fumaria indica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb	Shephard's purse, toree ghas	<i>Capsella bursa-pastoris</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seeds,Leaves	
Herb		<i>Erysimum melicentae</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seeds	
Herb	Nargis	<i>Narcissus tazetta</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Herb		<i>Fritillaria roylei</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Herb		<i>Gagea elegans</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	

Herb		<i>Notholirion thomsonianum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower,Leaves	
Herb		<i>Polygonatum multiflorum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Herb		<i>Polygonatum verticillatum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Tender leaves,Young shoots	
Herb		<i>Trillium govanianum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes,Roots	
Herb		<i>Tulipa stellata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb		<i>Arisaema jacquemontii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Herbs		<i>Valeriana pyrolifolia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Herbs	Phulee	<i>Dipsacus inermis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fresh & Dried Leaves	
Herbs	Kim	<i>Morina longifolia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herbs	Puth kanda	<i>Achillea millefolium</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Parts	
Herbs		<i>Ainsliaea aptera</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Herbs		<i>Anaphalis nubigena</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Parts	
Herbs		<i>Artemisia scoparia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers, Stem, Seeds	
Herbs		<i>Artemisia gmelini</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf, Stem	
Herbs	Mooin	<i>Artemisia maritima</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leraves, Flowering	
Herbs		<i>Aster amellus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf, Flower, Root	
Herbs		<i>Cirsium arvense</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Herbs		<i>Cirsium falconeri</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herbs		<i>Dubyaea hispide</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes	
Herbs		<i>Echinops cornigerus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Herbs		<i>Erigeron canadensis</i>	MFP	Temperate	Common	Abundant	Commercial and own use	Whole Plant	
Herbs		<i>Filago germanica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fruit	
Herbs		<i>Galinsoga parviflora</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herbs		<i>Gnaphalium luteoalbum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Shrub	Shutenger	<i>Rhododendron anthopogon</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herbs		<i>Anagallis arvensis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herbs		<i>Androsace rotundifolia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Dried Plant	

Herbs		<i>Primula rosea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower,Leaves	
Tree		<i>Fraxinus excelsior</i>	B/L	Temperate	Common	Rare	Commercial and own use	Bark,Leaf	
Herbs		<i>Jasminum grandiflorum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Not Available	
Herbs		<i>Jasminum humile</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root,Flower	
Tree	Kahu	<i>Olea cuspidata</i>	B/L	Temperate	Common	Rare	Commercial and own use	Bark,Leaves	
Shrub		<i>Buddleja paniculata</i>	MFP	Temperate	Common	Common	Commercial and own use	Leaves	
Herbs		<i>Gentiana carinata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Herbs		<i>Gentiana kurroo</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes	
Herbs	Kazuban	<i>Arnebia benthamii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowering, Shoots & Roots	
Tree	Trikanni	<i>Acer pictum</i>	B/L	Temperate	Common	Rare	Commercial and own use	Whole plant	
Tree	Bren	<i>Ulmus villosa</i>	B/L	Temperate	Common	Rare	Commercial and own use	Bark,Leaves	
Tree	Bankhoor	<i>Aesculus indica</i>	B/L	Temperate	Common	Rare	Commercial and own use	Leaves,Flowers	
Herb	Hamesh-Bahar	<i>Calendula officinalis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower,leaf	
Herb	Banafsha	<i>Viola odorata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower	
Herb	Nirbisha	<i>Dephinium denudatum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Shrub	Tutfoor,Rachi	<i>Ephedra gerardina</i>	MFP	Temperate	Common	Rare	Commercial and own use	Twigs	
Herb	Tengu,Tyangu	<i>Hyssopus officinalis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower	
Fungi		<i>Morchella conica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi	Gucchi	<i>Morchella esculenta</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Agaricus campestris</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Agaricus macrocarpus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Cantharellus cibarius</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Coprinus atramentaria</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Coprinus comatus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Schizophyllum commune</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Fomes fomentarius</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Fomitopsis pinicola</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Ganoderma applanatum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Ganoderma lucidum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	

Local population

Fungi		<i>Trametes versicolor</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Sparassis crispa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Fungi		<i>Pleurotus spp.</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Amaranthus viridis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
				Temperate	Common	Rare			
Herb		<i>Allium humile kunth</i>	MFP	Temperate	Common	Rare	Commercial and own use	Bulbs	
				Temperate	Common	Rare			
Herb		<i>Allium semenovii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Bulbs	
Herb		<i>Bupleurum jucundum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Part	
Herb		<i>Bupleurum longifolium</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Part	
				Temperate	Common	Rare			
Herb		<i>Oenanthe javanica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Pleurosermum brunonis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Pleurosermum stellatum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb	Khoree	<i>Aralia cachemirica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Arisaema propinquum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes	
Herb		<i>Begonia rubella</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Hackelia uncinata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Myosotis alpestris</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Onosma hispidum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Herb		<i>Alliaria petiolata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Arabis bijuga</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Hesperis matronalis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Lepidium virginicum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Thlaspi arvense</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seed, Leaf	
Herb		<i>Thlaspi cochleariforme</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Shrub		<i>Sarcococca pruniformis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Root	
Herb		<i>Codonopsis clematidea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Codonopsis ovata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Cyananthus lobatus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Root	
Shrub		<i>Lonicera obovata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Part	
Shrub		<i>Scabiosa speciosa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	

Herb		<i>Arenaria bryophylla</i>	MFP	Temperate	Common	Rare	Commercial and own use	Aerial Part	
Herb		<i>Cerastium cerastoides</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers, stem	
Herb		<i>Dianthus angulatus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb		<i>Anaphalis nepalensis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Anaphalis triplinervis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Anaphalis margaritacea</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Artemisia dubia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
				Temperate	Common	Rare			
Herb		<i>Artemisia vestita</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb		<i>Aster diplostephioides</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Aster falconeri</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers, Root	
Herb		<i>Aster flaccidus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers, Root	
Herb		<i>Aster molliusculus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers, Root	
Herb		<i>Cicerbita macrorhiza</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Gnaphalium stewartii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb	Sunflower	<i>Helianthus annuus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf, Seed	
Herb	Pushkarmula	<i>Inula grandiflora</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes	
Herb	Gomchooi	<i>Ligularia fischeri</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Sonchus asper</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb		<i>Tanacetum dolichophyllum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb		<i>Tussilago farfara</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf	
Herb		<i>Waldheimia glabra</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Waldheimia tomentosa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Youngia japonica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Rhodiola heterodonta</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes	
Herb		<i>Rhodiola wallichiana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Rosularia alpestris</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Climber	Kaakid	<i>Cucumis sativus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Climber	All, kaddu	<i>Cucurbita pepo</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Shrub		<i>Datisca cannabina</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Herb		<i>Equisetum arvense</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	

Shrub		<i>Gaultheria trichophylla</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Euphorbia cornigera</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Euphorbia thomsoniana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Tree		<i>Quercus baloot</i>	B/L	Temperate	Common	Rare	Commercial and own use	Whole part	
Tree		<i>Quercus semecarpifolia</i>	B/L	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Gentiana cachemirica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Gentiana ornata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Gentiana phyllocalyx</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf, sepal	
Herb		<i>Gentiana tianschanica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Gentianella moorcroftiana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf	
Herb		<i>Jaeschkea oligosperma</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Swertia ciliata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Swertia petiolata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Swertia speciosa</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root	
Herb		<i>Erodium cicutarium</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Geranium lambertii</i>	MFP	Temperate	Common	Rare	Commercial and own use	Dried leaves	
Herb		<i>Geranium himalayense</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Geranium nepalense</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
		<i>Geranium pusillum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Geranium rotundifolium</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
				Temperate	Common	Rare			
Shrub		<i>Ribes nigrum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Shrub		<i>Ribes himalense</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fruit	
Herb		<i>Hypericum japonicum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Shrub		<i>Philadelphus tomentosus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Ajuga integrifolia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf	

Herb		<i>Clinopodium vulgare</i>	MFP	Temperate	Common	Rare	Commercial and own use	leaves	
Herb		<i>Elsholtzia ciliata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Shrub		<i>Isodon rugosus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Lamium album</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb		<i>Leonurus cardiaca</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seed	
Herb	Soyabean	<i>Glycine max</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seed	
Herb		<i>Lotus corniculatus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Shrub		<i>Robinia pseudoacacia</i>	MFP	Temperate	Common	Rare	Commercial and own use	Dried leaves	
		<i>Vicia rigidula</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves flower	
Herb		<i>Lilium polyphyllum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Bulbs	
Herb		<i>Lavatera cashmeriana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaf, Flower	
Tree		<i>Ficus carica</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fruit, leaves	
Climber		<i>Jasminum officinale</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flower	
Shrub		<i>Syringa emodi</i>	MFP	Temperate	Common	Rare	Commercial and own use	Seed, Fruit	
Herb		<i>Epilobium angustifolium</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Tree		<i>Morus alba</i>	MFP	Temperate	Common	Rare	Commercial and own use	Bark	
Herb		<i>Epilobium latifolium</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Epilobium royleanum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Calanthe tricarinata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves flower	
Herb		<i>Cypripedium cordigerum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Fruit	
Herb		<i>Thalictrum virgatum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Root, Rhizomes	
Herb		<i>Potentilla cuneata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	
Herb	Sanjeevani	<i>Rhodiola fastigiata</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb	Guggi Van	<i>Pleurospermum candollei</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Shrub		<i>Arundo donax</i>	MFP	Temperate	Common	Rare	Commercial and own use	Grass	
Herb		<i>Bothriochloa ischaemum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Grass	
Herb		<i>Bromus catharticus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Grass	
Herb		<i>Aquilegia fragrans</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Aquilegia nivalis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes	
Herb		<i>Delphinium brunonianum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	

Format-19 : Wild Plant Species of Importance.

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Akhrot	<i>Juglans regia</i>	Wild	Economic & Social	Do exist
2	Hatab	<i>Parraotia jacquemontiana</i>	Wild	Economic & Social	Do exist
3	Phras	<i>Populus alba</i>	Wild	Economic & Social	Do exist
4	Kiker	<i>Robenia pseudoacacia</i>	Wild	Economic & Social	Do exist
5	Champ	<i>Alnus nitida</i>	Wild	Economic & Social	Do exist
6	Heru	<i>Quercus ilex</i>	Wild	Economic & Social	Do exist
7	Kolum	<i>Viburnum novasum</i>	Wild	Economic & Social	Do exist
8	Mohru	<i>Quercus floribunda</i>	Wild	Economic & Social	Do exist
9	Bren	<i>Ulmus wallichiana</i>	Wild	Economic & Social	Do exist
10	Mooiin	<i>Artemisia meritima</i>	Wild	Economic & Social	Do exist
11	Bhoj Patar	<i>Betula utilis</i>	Wild	Cultural & Social	Do exist
12	Pudina	<i>Mentha longifolia</i>	Wild	Economic & Social	Do exist
13	Socchal	<i>Malva neglecta</i>	Wild	Economic & Social	Do exist
14	Pamachari/Pamchalan	<i>Rheum australe</i>	Wild	Economic & Social	Do exist
15	Kuth	<i>Saussurea lappa</i>	Wild	Economic & Social	Do exist
16	Kakarsinghi	<i>Pistacia intergerrima</i>	Wild	Economic & Social	Do exist
17	Naghchatri	<i>Trillium govaniaum</i>	Wild	Economic & Social	Do exist

18	Ber	<i>Ziziphus mauritiane</i>	Wild	Economic & Social	Do exist
19	Plum	<i>Prunus persica</i>	Wild	Economic & Social	Do exist
20	Zakhamahayat	<i>Bergenia ligulata</i>	Wild	Economic & Social	Do exist
22	Jangli gulab	<i>Rosa maschata</i>	Wild	Economic & Social	Do exist
24	Ban tambaku	<i>Verbascum thapsus</i>	Wild	Economic & Social	Do exist
25	Banafsha	<i>Viola odorata</i>	Wild	Economic & Social	Do exist
26	Bankakdi	<i>Podophyllum hexandrum</i>	Wild	Economic & Social	Do exist
27	Belladonna	<i>Atropa belladonna</i>	Wild	Economic & Social	Do exist
28	Bhang	<i>Cannabis sativa</i>	Wild	Economic & Social	Do exist
36	Dhad Kopdi	<i>Bergenia stracheyi</i>	Wild	Economic & Social	Do exist
37	Feku	<i>Ficus palmata</i>	Wild	Economic & Social	Do exist
38	Gaddo	<i>Salvia moorcroftiana</i>	Wild	Economic & Social	Do exist
39	Guggal	<i>Jurinea dolomiaea</i>	Wild	Economic & Social	Do exist
40	Gul-e-snohar	<i>Geranium wallichianum</i>	Wild	Economic & Social	Do exist
41	Hamesh bahar	<i>Calendula officinalis</i>	Wild	Economic, Social & Religious	Do exist
42	Handh	<i>Taraxacum officinale</i>	Wild	Economic & Social	Do exist
43	Hillu	<i>Impatiens glandulifera</i>	Wild	Economic & Social	Do exist
44	Jarjam	<i>Sanecio chrysanthemoides</i>	Wild	Economic & Social	Do exist
45	Kaimal	<i>Berberis lyceum</i>	Wild	Economic & Social	Do exist
47	Kahjuban	<i>Arnebia benthami</i>	Wild	Economic & Social	Do exist
48	Kalishadi	<i>Daphne oleoides</i>	Wild	Economic & Social	Do exist
49	Kanhaji	<i>Sorbaria tomentosa</i>	Wild	Economic & Social	Do exist

50	Kareel Kaibul	<i>Berberis aristata</i>	Wild	Economic & Social	Do exist
52	Kim	<i>Morina longifolia</i>	Wild	Economic & Social	Do exist
53	Kinns	<i>Dioscorea deltoidea</i>	Wild	Economic & Social	Do exist
54	Kour	<i>Picrorhiza Kurrooa</i>	Wild	Economic & Social	Do exist
55	Kuppad jari	<i>Sedum ewersii</i>	Wild	Economic & Social	Do exist
56	Mooiin	<i>Artemisa maritime</i>	Wild	Economic & Social	Do exist
60	Nag Rus	<i>Acorus calamus</i>	Wild	Economic & Social	Do exist
61	Neel Kanth	<i>Ajuga bracteosa</i>	Wild	Economic & Social	Do exist
62	Nichni	<i>Rhododendron campannalatum</i>	Wild	Economic & Social	Do exist
63	Patrishi	<i>Aconitum heterophyllum</i>	Wild	Economic & Social	Do exist
65	Sapp Google	<i>Arisaema flavum</i>	Wild	Economic & Social	Do exist
68	Shutenger	<i>Rhododendren anthopogon</i>	Wild	Economic & Social	Do exist
69	Suchal	<i>Malva neglecta</i>	Wild	Economic & Social	Do exist
77	Cow Parsnip	<i>Heracleum candicans</i>	Wild	Economic & Social	Do exist
80	Dandelion	<i>Taraxacum officinale</i>	Wild	Economic & Social	Do exist
89	Kashmir Sage	<i>Salvia hians</i>	Wild	Economic & Social	Do exist
90	Larkspur	<i>Delphinium vestitum</i>	Wild	Economic & Social	Do exist
91	May Apple	<i>Podophyllum hexandrum</i>	Wild	Economic & Social	Do exist
98	Pink Evening Primrose	<i>Oenothera rosea</i>	Wild	Economic & Social	Do exist
99	Red Clover	<i>Trifolium pretense</i>	Wild	Economic & Social	Do exist
104	Touch me not	<i>Impatiens thomsonii</i>	Wild	Economic & Social	Do exist
107	Wild Indigo	<i>Indigofera heterantha</i>	Wild	Economic & Social	Do exist

Format 20: Aquatic Biodiversity

1	2	3	4	5	6		7	8	9	10
Local Name	Scientific Name	Variety	Features	Habitat	Local Status		Uses	Associated TK	Other details	Community / Knowledge Holder
					Past	Present				
Frog (Mundak)	<i>Rana tigrina</i>	-	Long very powerful back led and web feet	Pond/river	Plenty	Rare	Important role in food chain	Frog are natures pharmacy and provide a very efficient transfer of solar energy	Maintain food chain and food wed.	Locals
Watercress (Nag Biber)	<i>Nasturtium officinale</i>	Aquatic flowering plant	Rapid growing perennial plant	Pond / watery place	Plenty	Plenty	As vegetable	Oldest known leafy vegetable consumed by humans.	Its high content of Vitamin C makes it a good remedy to treat various chronic illnesses.	Locals
Maiden hair (Ghvtheer)	<i>Adiantum caudatum</i>	Aquatic Grass	It is a perennial fern producing fronds	Found in shaded areas	Plenty	Plenty	As an ornamental and medicinal plant	Fronde are said to be antiasthmatic and antispasmodic	It is used n the treatment of chest infection, cough, diabetes, fever and skin disease	Locals

Format-21 : Wild Aquatic Plant Species of Importance.

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance	Trends
1	Watercress (Nag biber)	<i>Nasturtium officinale</i>	Aquatic flowering plant	Oldest known aquatic plant consumed by humans. It has a high content of Vitamin C and is used to treat various chronic illnesses.	Found floating in running waters with the help of long roots.
2	Maiden hair	<i>Adiantum caudatum</i>	Aquatic Grass	Used as an ornamental and medicinal plant. It is used in the treatment of chest infection, cough, diabetes, fever and skin diseases.	Found in moist, semi-shaded areas.

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 use	Community Knowledge Holder
					Past	Present					
Herb	Kanees	<i>Dioscorea deltoidea</i>	Wild					Rhematoid	Roots	Own use	
	Handh	<i>Taraxacum officinale</i>	Wild					Anti rheumatic	Leaves / roots	Own use	
	Bunafsha	<i>Viola serpens</i>	Wild/homegrow					Cough/cold treatment	Flowers	Commercial/ own use	
	Saunf	<i>Foeniculum vulgare</i>	Wild/homegrow					Used as a remedy for constipation. Also used as a flavouring agent.	Seeds	Commercial/ own use	
	Pumchalam	<i>Rheum australe</i>	Wild					Cuts/wounds healing	Roots	Own use	
	Soi	<i>Urtica dioica</i>	Wild					To heal cuts/ wounds	Roots	Own use	
	Mushak bala	<i>Valeriana wallichii</i>	Wild					Insomnia, stress	Roots	Commercial/ own use	
	Mooin	<i>Artemisa vulgaris</i>	Wild					Stomach and intsetinal infection	Leaves	Market/ Own use	
	Shivlingi	<i>Diplocyclos palmatus</i>	Wild					tonic, for constipation, stomach problems, diarrhoea, malaria	Ariel plants parts	Commercial/ own use	
	Patrees	<i>Aconitum heterophyllum</i>	Wild					cough, upper respiratory tract infections. common cold, flu & ...	Roots	Own use	
	Sheshak	<i>Rabdosia rugosa</i>	Wild					Remedy of helminthiosis, in live stocks	Leaves	Own use	
	Pushkarmula	<i>Inula racemosa</i>	Wild					& Rh,dried rhizomes & roots are used to cure loss of appetite & stomach	Roots, Rhizomes	Own use	
	Hebel	<i>Rumex sprengel</i>	Wild					To heal cuts/ wounds	Leaves/stem	Own use	

	Tilpushpi (Foxglove)	<i>Digitalis purpurea</i>	Wild
	Kour, Kutki, Kadu, Kadvi	<i>Picrorhiza kurroa</i>	Wild
	Neel Kanth	<i>Ajuga bracteosa</i>	Wild
	Pudina	<i>Mentha longifolia</i>	Wild
	Mooin	<i>Artemisia absinthium</i>	Wild
	Khor/Doon/Choor	<i>Juglanas regia</i>	Wild/homegrow
	Zum	<i>Prunus cornuta</i>	Wild
	Fir	<i>Abies pindrow</i>	Wild
Tree	Beri	<i>Zizyphus oxyphylla</i>	Wild
	Kail	<i>Pinus wallichiana</i>	Wild
	Gugu	<i>Asculus indica</i>	Wild
	Feku	<i>Ficus palmata</i>	Wild
	Khumlai	<i>Berberis aristata</i>	Wild
	Datura	<i>Datura stramonium</i>	Wild
	Bhang	<i>Cannabis sativa</i>	Wild
Shrub	Anardana	<i>Punica granatum</i>	Wild/homegrow

Temperate/ low lands to high altitudes

Abundant

Rare

Local having good knowledge with respect to identification of the species and their uses.

Useful to treat congestive heart failure & heart rhythm problems	Roots	Own use
Used for the treatment of jaundice, liver infections caused by a virus, C. hepatitis	Roots	Own use
Malarial fever/Gastric problem	Leaves	Market/ Own use
Cooling medicine	Leaves	Market/ Own use
used to treat stomach problems in infants and adults	Leaves	Market/ Own use
To treat toothache	Leaves, bark, pericarp	Market/ Own use
Helpful in the treatment of cancer.	Timber	Market/ Own use
Used to treat fever, wheezing cough & cold	Seeds, Timber	Market/ Own use
used to treat diabetes, fever, dysentery, as well as blood & skin	Fruit	Own use
Useful in treating acidity, cough, fainting & ulcers.	Seeds, needles	Market/ Own use
To treat rheumatism	Seeds	Market/ Own use
To treat skin diseases	Latex fruit	Market/ Own use
As laxative. Also used as a natural fencing.	Roots	Market/ Own use
To treat headache, joint pain	Seeds	Own use
Narcotic	Seeds/ leaves	Market/ Own use
To treat jaundice and as an appetite enhancer	Seeds	Market/ Own use

Zamindars living in the vicinity of the forest are well versed with the medicinal uses of NTFPs found in the forest

Gur-Krandel	<i>Ferula jaeschkeana</i>	Wild
Sanglidhoop	<i>Skimmia anquetilia</i>	Wild/ homegrow
	<i>Buddleja paniculata</i>	Wild/ homegrow

Treatment of asthma, whooping cough, flatulent colic, swelling & rheumatism	Leaves, Flowers	Own use
Powder of its bark is used for the healing of burns &	Leaves	Own use
Used for treatment of skin diseases & malaria	Leaves	Own use

Format 23: Wild relatives of Crops

1	2	3	4	5		6	7	8	9	10
Local Name	Scientific Name	Associated crop	Landscape / Habitat	Local Status		Uses (usage)	Part Used	Associated TK	Other details	Community / Know holder
				Past	Present					
Vanpraan	<i>Allium atropurpureum</i>	All agricultural crop	Temperate	Plenty	Rare	Used as a substitute of onion and garlic	Leaves and flowers	Medicinal value	Exotic plant used as vegetable	Locals

Format 24: OrnamentalPlants

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
Chinar	<i>Plantanus orientalis</i>	Broad leave	Temperate/ terrestrial	Non-commercial	Provide cool shade and home for many birds	Leaves are used as kangri fuel	Locals
Sarva kull	<i>Cupressus cashmeriana</i>	Kashmiri cypress	Temperate/ terrestrial	Non-commercial	Ornamental plant	Provides scenery/beauty of the area	Locals
Safeda	<i>Populus</i>	Populus	Temperate/ terrestrial	Commercial	Provides scenery/beauty to the area	Used in fruit packing industries	Locals
Gainda	<i>Tagetes erecta</i>	Local/wild	Temperate/ terrestrial	Non-commercial	Ornamental	Religious	Locals
Gulab	<i>Rose acicularis</i>	Local /wild	Temperate/ terrestrial	Non-commercial	Ornamental	Religious	Locals
Wild rose	<i>Rosa webbiana</i>	Wild	Temperate/ terrestrial	Non-commercial	Ornamental	Religious	Locals

Format-25 : Fumigate/ Ch

1	2	3	4	5	6		7	8	9	10
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local status		Uses (usage)	Part used	Associated TK	Other details (mode of use)
					Past	Present				
Herb	Saunf	<i>Foeniculum vulgare</i>	Local	Temperate	Plenty	Rare	Mouth freshner, spices	Seeds	Inhabitants have got knowledge w.r.t identification /common use of species	Bonafide purpose
	Jungli pudina	<i>Mentha longifolia</i>	Local	Temperate	Plenty	Plenty	Cooling medicine	Leaves		
	Chuku	<i>Oxalis corniculata</i>	Local	Temperate	Plenty	Plenty	Used in the treatment of influenza,fever,urinary tract infections & snake bites.	Leaves		
	Bhang	<i>Cannabis sativa</i>	Local	Temperate	Plenty	Plenty	Do	leaves		
Shrub	Bantambaku	<i>Verbascum thapsus</i>	Local	Temperate	Plenty	Rare	Narcotic	Leaves		
Trees	Khor/Dun	<i>Juglanas regia</i>	Local	Temperate	Plenty	Plenty	Teeth cleaning, toothache	Leaves, bark		

ewing Plants.

11

**Community
Knowledge
Holder**

Inhabitants of the
area

Format-26 : Timber Plants.

1	2	3	4		5	6	7	8
Local Name	Scientific Name	Habitat	Local status		Other Uses, if any	Associated TK	Other Details	Community Knowledge Holder
			Past	Present				
Trees	Kail	<i>Pinus wallichiana</i>	Plenty	Common			Firewood	Inhabitants of the area.
	Kiker	<i>Robinia pseudoacacia</i>	Plenty	Common			Fuel wood, fodder	
	Diyar	<i>Cedrus deodara</i>	Plenty	Common			Firewood, Cedar oil	
	Khor/Dun/Choor	<i>Juglans regia</i>	Plenty	Common			Firewood,medicine	
	Phras	<i>Populus alba</i>	Plenty	Common			Firewood,Fodder	
	Champ	<i>Alnus nitida</i>	Plenty	Common			Firewood,fodder	
	Fir	<i>Abies pindrow</i>	Plenty	Common			Firwood	
	Spruce	<i>Picea smithana</i>	Plenty	Common			Firwood	
	Kharshu	<i>Quercus semecarpifolia</i>	Plenty	Common			Firwood	

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	Session when seen	Local status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community Knowledge Holder
						Past	Present					
Mammal	Cheeta	<i>Panthera pardus</i>	High altitude	Fur with dark rosettes	Both summer/ winter	Plenty	Rare					
	Pijad	<i>Capra aegagrus</i>	High altitude	Resembles goat	winter	Plenty	Rare					
	Jungli billi	<i>Felis chaus</i>	Lower scrub forest	Grey , light brown in colour	winter	Plenty	Rare					
	Jackal/ Gidur	<i>Canis aureus</i>	Around habitation	Nocturnal	winter	Plenty	Rare					
	Reech/ Bhalu	<i>Ursus americanus</i>	High altitude	Omnivore	winter	Plenty	Common					
	Snow leopard	<i>Unica unica</i>	High altitude		Throughout the year	Rare	Rare					
	Leopard cat	<i>Prionailurus begalensis</i>	High altitude		Throughout the year	Common	Rare					
	Red fox	<i>Vulpus vulpus</i>	High altitude		Throughout the year	Common	Common					
	Himalayan Brown Bear/ Bhalu	<i>Ursus arctos</i>	High altitude		Throughout the year	Common	Rare					
	Asian Black Bear/ Bhalu	<i>Ursus thibetanus</i>	High altitude		Throughout the year	Common	Common					
	Himalayan stoat	<i>Mustela ermine</i>	High altitude		Throughout the year	Common	Rare					
	Pine martin	<i>Martes martes</i>	High altitude		Throughout the year	Common	Rare					
	Alpine ibex	<i>Capra ibex</i>	High altitude		Throughout the year	Common	Rare					
	Himalayan goral	<i>Nemorhaedus flavigula</i>	High altitude		throughout year	Common	Rare					
	Kashmir grey langur	<i>Semnopithecus ajas</i>	Temperate		Throughout the year	Common	Plenty					
Small Indian Mongoose	<i>Herpestes auropunctatus</i>	Temperate		Throughout the year	Common	Common						
Monkey	<i>Rhesus macaque</i>	Temperate	Social	Throughout the year	Rare	Plenty						

Format-29 : Flora.

1	2	3	4	5	6	7
S. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare/ Common etc.)
1	Deodar	<i>Cedrus deodara</i>	Tree	Forest	September to October	Rare
2	kail	<i>Pinus wallichiana</i>	Tree		September to October	Rare
3	Mooiin	<i>Artemisa meritima</i>	Herbs		May June	Common
4	Drankh	<i>Melia azadirach</i>	Tree		April May	Common
5	Phrast	<i>Populas alba</i>	Tree		March April	Rare
6	Walnut	<i>Juglans regia</i>	Tree		March April	Common
7	Brahmi	<i>Texux wallichiana</i>	Tree		September October	Common
8	Hum	<i>Fraxinus excelsior</i>	Tree		April May	Common
9	Gulab	<i>Rosa indica</i>	Shrub		April May	Common
10	Champ	<i>Alnus nitida</i>	Tree		April May	Common
11	Gugu	<i>Aesculus indica</i>	Tree		April May	Common
12	Apple	<i>Malus domesticus</i>	Tree		April May	Common
13	Bhojpatra	<i>Betula utilis</i>	Tree		April May	Common
14	Heru	<i>Quercus ilex</i>	Tree		April May	Common
15	Moru	<i>Quercus floribunda</i>	Tree		April May	Common
16	Safeda	<i>Eucalyptus globulus</i>	Tree		April May	Common
17	Nashpati	<i>Pyrus communis</i>	Tree		April May	Common
18	Tulkul/Mulbary	<i>Morus alba</i>	Tree		April May	Common
19	Cher/Apricot	<i>Prunus domestica</i>	Tree		April May	Common
20	Chinar	<i>Platanus orientalis</i>	Tree		April May	Rare

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
S. No.	Local Name	Scientific Name	Type of Animals (Mammals/ Birds/ Fish/ Insect etc.)	Habitat	Remarks (Rare/ Common etc.)
1	Leopard	<i>Panthera pardus</i>	Mammal	Forest	Rare
2	Jackal	<i>Canis aureus</i>	Mammal	Forest	Common
3	Black bear	<i>Ursus americanus</i>	Mammal	Forest	Rare
4	Shail/ Porcupine	<i>Hystrice indica</i>	Mammal	Forest	Rare
5	Chuha/Rate	<i>Mus booduga</i>	Mammal	Home/forest	Common
6	Wild shawl	<i>Nudibranchs</i>	Mammal	Home/forest	Rare
7	Wild goat	<i>Capra aegagrus</i>	Mammal	Home/forest	Rare
8	Wild dog	<i>Lycaon pictus</i>	Mammal	Home/forest	Rare
9	Wild fox	<i>Vulpes vulpes</i>	Mammal	Home/forest	Common
10	Wild cat	<i>Felis silvestris</i>	Mammal	Home/forest	Common
11	Chakor	<i>Alectoris chukar</i>	Bird	Home/forest	Rare
12	Pintail	<i>Anas acuta</i>	Bird	Every where	Rare
13	parrot	<i>Psittaciformes</i>	Bird	Every where	Rare
14	Pigeon	<i>Columbidae</i>	Bird	Every where	Rare
15	House Sparrow	<i>Passer domesticus</i>	Bird	Every where	Rare
16	Sparrow	<i>Passer domesticus</i>	Bird	Every where	Rare
17	crow	<i>Corvus</i>	Bird	Every where	Rare
18	Peacock	<i>Pavo cristatus</i>	Bird	Every where	Rare
19	Bearded Vulture	<i>Gypaetus barbatus</i>	Bird	AS, RO, AE	Rear
20	Black Kite	<i>Milvus migrans</i>	Bird	GD, PC, FD, AE	Rear
21	Black- eared Kite	<i>Milvus [migrans] lineatus</i>	Bird	GD, AE	Summer Visitors
22	Bonelli's Eagle	<i>Aquila fasciata</i>	Bird	AE, OH	Winter Visitors
23	Booted Eagle	<i>Hieraaetus pennatus</i>	Bird	PS, AE, RO	Winter Visitors

24	Cinereous vulture	<i>Aegypius monachus</i>	Bird	TB, OH, AE	Winter Visitors
25	Eastern Imperial Eagle	<i>Aquila heliaca</i>	Bird	TC, OH, AE	Winter Visitors
26	Egyptian Vulture	<i>Neophron percnopterus</i>	Bird	GD, AE, FD	Summer Visitors
27	Eurasian Sparrowhawk	<i>Accipiter nisus</i>	Bird	RF, TB, UF	Rear
28	Griffon Vulture	<i>Gyps fulvus</i>	Bird	RO, AE	Rear
29	Hen Harrier	<i>Circus cyaneus</i>	Bird	AE, OS	Winter Visitors
30	Himalayan Buzzard	<i>Buteo burmanicus</i>	Bird	PC, AS, AE	Rear
31	Himalayan Vulture	<i>Gyps himalayensis</i>	Bird	PC, AS, RO, FD	Rear
32	Mountain Hawk Eagle	<i>Nisaetus nipalensis</i>	Bird	TB, TC, PC	Rear
33	Northern Goshawk	<i>Accipiter gentilis</i>	Bird	UF, RF	Winter Visitors
34	Shikra	<i>Accipiter badius</i>	Bird	UF, TB, TC, PC	Rear
35	Short-toed Snake Eagle	<i>Circaetus gallicus</i>	Bird	CV, FD, OS	Passage Migrants
36	Steppe Eagle	<i>Aquila nipalensis</i>	Bird	GD, RF, UF, AE	Winter Visitors
37	Oriental Skylark	<i>Alauda gulgula</i>	Bird	PC	Summer Visitors
38	Himalayan Pied Kingfisher	<i>Ceryle lugubris</i>	Bird	AQ, RF	Rear
39	Lesser Pied Kingfisher	<i>Ceryle rudis</i>	Bird	AQ, RF	Rear
40	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Bird	AQ, RF	Rear
41	Bar-headed Goose	<i>Anser indicus</i>	Bird	AQ	Passage Migrants
42	Common Pochard	<i>Aythya ferina</i>	Bird	AQ	Passage Migrants
43	Eurasian Wigeon	<i>Mareca penelope</i>	Bird	AQ	Passage Migrants
44	Garganey	<i>Querquedula querquedula</i>	Bird	AQ	Passage Migrants
45	Mallard	<i>Anas platyrhynchos</i>	Bird	AQ	Passage Migrants
46	Northern Pintail	<i>Anas acuta</i>	Bird	AQ	Passage Migrants
47	Northern Shoveler	<i>Spatula clypeata</i>	Bird	AQ	Passage Migrants
48	Tufted Duck	<i>Aythya fuligula</i>	Bird	AQ	Passage Migrants
49	Alpine Swift	<i>Tachymarptis melba</i>	Bird	AS, RO, AE	Summer Visitors
50	Common Swift	<i>Apus apus</i>	Bird	UF, RF, TB, AE	Summer Visitors

51	White-throated Needletail	<i>Hirundapus caudacutus</i>	Bird	TB, TC, PC, FD	Summer Visitors
52	Eastern Cattle Egret	<i>Bubulcus coromandus</i>	Bird	CV, AQ	Winter Visitors
53	Long-tailed Minivet	<i>Pericrocotus ethologus</i>	Bird	UF, TC, PC	Summer Visitors
54	Great Barbet	<i>Megalaima virens</i>	Bird	UF, TB	Rear
55	Bar-tailed Treecreeper	<i>Certhia himalayana</i>	Bird	UF, TB, TC, PC	Rear
56	Hodgson's Treecreeper	<i>Certhia hodgsoni</i>	Bird	TB, TC, PC	Rear
57	Strong-footed Bush Warbler	<i>Horornis fortipes</i>	Bird	FD, TB, RF	Summer Visitors
58	Red-wattled Lapwing	<i>Vanellus indicus</i>	Bird	CV, AQ	Summer Visitors
59	Brown Dipper	<i>Cinclus pallasii</i>	Bird	AQ	Rear
60	Grey-breasted Prinia	<i>Prinia hodgsonii</i>	Bird	UF, TB	Rear
61	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	Bird	UF, TB, CV	Summer Visitors
62	Oriental Turtle Dove	<i>Streptopelia orientalis</i>	Bird	TB, PC, FD, UF	Summer Visitors
63	Rock Pigeon	<i>Columba livia</i>	Bird	UF, TB, CV	Rear
64	Snow Pigeon	<i>Columba leuconota</i>	Bird	AS, RO	Rear
65	Spotted Dove	<i>Spilopelia chinensis</i>	Bird	UF, TB, CV	Summer Visitors
66	Alpine Chough	<i>Pyrrhocorax graculus</i>	Bird	AS, RO, PS	Rear
67	Black-headed Jay	<i>Garrulus lanceolatus</i>	Bird	UF, TC	Rear
68	Common Raven	<i>Corvus corax</i>	Bird	AS, RO	Rear
69	Eurasian Jackdaw	<i>Coloeus monedula</i>	Bird	UF, TB, TC	Rear
70	Eurasian Jay	<i>Garrulus glandarius</i>	Bird	TB, TC	Rear
71	Asian Koel	<i>Eudynamys scolopaceus</i>	Bird	UF, TB, OS	Summer Visitors
72	Common Cuckoo	<i>Cuculus canorus</i>	Bird	UF, TB, TC	Summer Visitors
73	Lesser Cuckoo	<i>Cuculus poliocephalus</i>	Bird	TB, TC	Summer Visitors
74	Ashy Drongo	<i>Edolius leucophaeus</i>	Bird	UF, RF, TB	Summer Visitors
75	Black Drongo	<i>Edolius macrocercus</i>	Bird	UF, RF, TB, FD	Summer Visitors
76	Crested Bunting	<i>Emberiza lathami</i>	Bird	CV, RF, OH	Summer Visitors
77	Pine Bunting	<i>Emberiza leucocephalos</i>	Bird	OH, TC, PC, CV	Winter Visitors

78	Rock Bunting	<i>Emberiza cia</i>	Bird	UF, TB, TC, PC	Rear
79	White-capped Bunting	<i>Emberiza stewarti</i>	Bird	UF, TB, CV	Summer Visitors
80	Common Kestrel	<i>Falco tinnunculus</i>	Bird	UF, TB, TC, PC	Rear
81	Eurasian Hobby	<i>Falco subbuteo</i>	Bird	TB, OH, TC, OS, RF	Summer Visitors
82	Peregrine Falcon	<i>Falco peregrinus calidus</i>	Bird	RF, TB, OHRF, TB, OH	Winter Visitors
83	Black-and-Yellow Grosbeak	<i>Mycerobas icteroides</i>	Bird	TB, TC, PC	Rear
84	Brambling	<i>Fringilla montifringilla</i>	Bird	OS, TB, UF	Winter Visitors
85	Collared Grosbeak	<i>Mycerobas affinis</i>	Bird	TC, PC, FD	Rear
86	Common Rosefinch	<i>Erythrura erythrura</i>	Bird	RF, UF, AS, CV	Summer Visitors
87	Eurasian Goldfinch	<i>Carduelis carduelis</i>	Bird	TC, PC, DO, FD	Rear
88	Fire-fronted Serin	<i>Serinus pusillus</i>	Bird	RF, UF, TB	Rear
89	Himalayan Greenfinch	<i>Chloris spinoides</i>	Bird	TB, TC, AS, CV	Summer Visitors
90	Pink-browed Rosefinch	<i>Carpodacus rodochroa</i>	Bird	DO, AS, PS	Rear
91	Plain Mountain Finch	<i>Leucosticte nemoricola</i>	Bird	AS, PS, FD, RO	Rear
92	Red-browed Finch	<i>Callacanthus burtoni</i>	Bird	TC, PC	Rear
93	White-winged Grosbeak	<i>Mycerobas carnipes</i>	Bird	TC, PC, AS, FD	Rear
94	Asian House Martin	<i>Delichon dasypus</i>	Bird	UF, RF, CV	Summer Visitors
95	Barn Swallow	<i>Hirundo rustica</i>	Bird	AQ, RF, UF	Summer Visitors
96	Red-rumped Swallow	<i>Cecropis daurica</i>	Bird	AQ, RF, UF	Summer Visitors
97	Bay-backed Shrike	<i>Lanius vittatus</i>	Bird	TB, RF, UF, CV	Summer Visitors
98	Grey-backed Shrike	<i>Lanius tephronotus</i>	Bird	TB, RF, UF, CV	Summer Visitors
99	Long Tailed Shrike	<i>Lanius schach</i>	Bird	TB, RF, UF, CV	Summer Visitors
100	Brown-headed gull	<i>Chroicocephalus brunnicephalus</i>	Bird	AQ, CV	Passage Migrants
101	Bar-throated Minla	<i>Chrysominla strigula</i>	Bird	UF, AS, FD	Rear
102	Streaked Laughingthrush	<i>Trochalopteron lineatum</i>	Bird	UF, RF, TB	Rear
103	Variegated Laughingthrush	<i>Trochalopteron variegatum</i>	Bird	UF, RF, TB, AS	Rear
104	White-throated Laughingthrush	<i>Garrulax albogularis</i>	Bird	UF, RF, TB, AS	Rear

105	European Bee-eater	<i>Merops apiaster</i>	Bird	OS, CV, OH	Summer Visitors
106	Asian Paradise Flycatcher	<i>Terpsiphone paradisi</i>	Bird	UF, RF, TB	Summer Visitors
107	Citrine Wagtail	<i>Motacilla citreola</i>	Bird	AQ, UF, RF, CV	Summer Visitors
108	Forest Wagtail	<i>Dendronanthus indicus</i>	Bird	TB, TC, OS	Passage Migrants
109	Grey Wagtail	<i>Motacilla cinerea</i>	Bird	UF, RF, CV,AQ	Summer Visitors
110	Paddyfield Pipit	<i>Anthus rufulus</i>	Bird	CV, OS	Rear
111	Rosy Pipit	<i>Anthus roseatus</i>	Bird	AS, RO, FD	Summer Visitors
112	Tree Pipit	<i>Anthus trivialis</i>	Bird	TB, TC, PC, CV	Summer Visitors
113	Upland Pipit	<i>Anthus sylvanus</i>	Bird	OH, RO, PC	Rear
114	Western Yellow Wagtail	<i>Motacilla flava</i>	Bird	CV, AQ, UF	Passage Migrants
115	White Wagtail	<i>Motacilla alba</i>	Bird	AQ, UF, TB,AS	Summer Visitors
116	Black Redstart	<i>Phoenicurus ochruros</i>	Bird	RF, TB	Passage Migrants
117	Blue Whistling Thrush	<i>Myophonus caeruleus</i>	Bird	AQ, RF, UF, TB	Rear
118	Blue-capped Redstart	<i>Phoenicurus coeruleocephala</i>	Bird	RF, UF, TB, AS	Rear
119	Blue-fronted Redstart	<i>Phoenicurus frontalis</i>	Bird	TB, DO, AS	Rear
120	Blue-headed Rock-thrush	<i>Monticola cinclorhynchus</i>	Bird	RF, UF, TB, PC	Summer Visitors
121	Chestnut-bellied Rock- thrush	<i>Monticola rufiventris</i>	Bird	TC, PC	Rear
122	Siberian Stonechat	<i>Saxicola torquatus</i>	Bird	RF, TB,TC	Summer Visitors
123	Dark-sided Flycatcher	<i>Muscicapa sibirica</i>	Bird	TB,TC	Summer Visitors
124	Desert Wheatear	<i>Oenanthe deserti</i>	Bird	CV, OH	Summer Visitors
125	Golden Bush Robin	<i>Tarsiger chrysaeus</i>	Bird	TB	Rear
126	Grey Bushchat	<i>Rhodophila ferrea</i>	Bird	RF, UF, TB	Rear
127	Himalayan Red-flanked Bush-robin	<i>Tarsiger rufilatus</i>	Bird	TB, TC, DO	Rear
128	Indian Blue Robin	<i>Larvivora brunnea</i>	Bird	RF, UF	Summer Visitors
129	Little Forktail	<i>Enicurus scouleri</i>	Bird	AQ, RF	Rear
130	Oriental Magpie-robin	<i>Copsychus saularis</i>	Bird	RF, UF, TB	Rear
131	Pied Bushchat	<i>Saxicola caprata</i>	Bird	TB, CV, OS	Rear

132	Plumbeous Water-redstart	<i>Phoenicurus fuliginosus</i>	Bird	AQ, RF	Rear
133	Spotted Forktail	<i>Enicurus maculates</i>	Bird	AQ, RF	Rear
134	Ultramarine Flycatcher	<i>Ficedula superciliaris</i>	Bird	UF, TB, TC, PC	Summer Visitors
135	Verditer Flycatcher	<i>Eumyias thalassinus</i>	Bird	UF, TB, TC, CV	Summer Visitors
136	White-capped River-chat	<i>Phoenicurus leucocephalus</i>	Bird	AQ, RF	Rear
137	White-winged Redstart	<i>Phoenicurus erythrogastrus</i>	Bird	RF, AS, RO	Summer Visitors
138	Indian Golden Oriole	<i>Oriolus kundoo</i>	Bird	UF, RF, TB	Summer Visitors
139	Cinereous Tit	<i>Parus cinereus</i>	Bird	RF, UF, TB, TC, PC, FD, CV	Rear
140	Coal Tit	<i>Periparus ater melanolophus</i>	Bird	TB, TC, PC, FD	Summer Visitors
141	Green-backed Tit	<i>Parus monticolus</i>	Bird	RF, UF, TB, TC, PC	Rear
142	Rufous-napped Tit	<i>Periparus rufonuchalis</i>	Bird	RF, UF, TB, TC, PC, FD	Rear
143	House Sparrow	<i>Passer domesticus</i>	Bird	RF, UF, TB, CV	Rear
144	Cinnamon Sparrow	<i>Passer rutilans</i>	Bird	RF, UF, TB, CV	Rear
145	Indian Pond-heron	<i>Ardeola grayii</i>	Bird	AQ	Rear
146	Little Egret	<i>Egretta garzetta</i>	Bird	AQ	Rear
147	Great Cormorant	<i>Phalacrocorax carbo</i>	Bird	AQ	Winter Visitors
148	Chukar Partridge	<i>Alectoris chukar</i>	Bird	TB, TC, OS, CV	Rear
149	Himalayan Monal	<i>Lophophorus impejanus</i>	Bird	PC, DO, AS, FD, PS	Rear
150	Kaleej Pheasant	<i>Lophura leucomelanos</i>	Bird	RF, TB, CV	Rear
151	Koklass Pheasant	<i>Pucrasia macrolopha</i>	Bird	TB, TC, PC, FD	Rear
152	Western Tragopan	<i>Tragopan melanocephalus</i>	Bird	DO, AS, RO	Rear
153	Common Chiffchaff	<i>Phylloscopus collybita</i>	Bird	RF, TB, DO, AS	Winter Visitors
154	Greenish Warbler	<i>Phylloscopus trochiloides</i>	Bird	TB, PC, AS, FD	Summer Visitors
155	Grey-hooded Warbler	<i>Phylloscopus xanthoschistos</i>	Bird	TB, TC, DO, FD	Rear
156	Hume's Leaf-warbler	<i>Phylloscopus humei</i>	Bird	TB, DO, AS	Summer Visitors
157	Mountain Chiffchaff	<i>Phylloscopus sindianus</i>	Bird	AS, RO, FD	Summer Visitors
158	Pale-rumped warbler	<i>Phylloscopus chloronotus</i>	Bird	TB, DO, PC, AS	Summer Visitors

159	Orange-barred Leaf-warbler	<i>Phylloscopus pulcher</i>	Bird	TB, PC, AS, CV	Rear
160	Smoky Leaf-warbler	<i>Phylloscopus fuligiventer</i>	Bird	AS, RO, FD	Passage Migrants
161	Sulphur-bellied warbler	<i>Phylloscopus griseolus</i>	Bird	TC, PC, AS	Summer Visitors
162	Tickell's Leaf-warbler	<i>Phylloscopus affinis</i>	Bird	UF, TB, FD, CV	Summer Visitors
163	Western Crowned Warbler	<i>Phylloscopus occipitalis</i>	Bird	PC, AS	Summer Visitors
164	Grey faced Woodpecker	<i>Picus canus</i>	Bird	TB, FD	Rear
165	Himalayan Pied Woodpecker	<i>Dendrocopos himalayensis</i>	Bird	TB, TC, PC, DO, FD	Rear
166	Speckled Piculet	<i>Vivia innominata</i>	Bird	TB, TC	Rear
167	Little Grebe	<i>Tachybaptus ruficollis</i>	Bird	AQ	Rear
168	Alpine Accentor	<i>Prunella collaris</i>	Bird	AS, RO, PS	Rear
169	Black-throated Accentor	<i>Prunella atrogularis</i>	Bird	UF, TC, FD	Winter Visitors
170	Rufous-breasted Accentor	<i>Prunella strophciata</i>	Bird	TC, PC, DO, FD, PS	Rear
171	Himalayan Parakeet	<i>Psittacula himalayana</i>	Bird	UF, TB	Summer Visitors
172	Plum-headed Parakeet	<i>Psittacula cyanocephala</i>	Bird	UF, RF, TB	Summer Visitors
173	Rose-ringed Parakeet	<i>Psittacula krameri</i>	Bird	UF	Summer Visitors
174	Himalayan Black Bulbul	<i>Hypsipetes leucocephalus</i>	Bird	RF, UF, TB	Rear
175	Himalayan Bulbul	<i>Pycnonotus leucogenys</i>	Bird	RF, UF, TB, TC, PC	Rear
176	Common Moorhen	<i>Gallinula chloropus</i>	Bird	AQ	Rear
177	Eurasian Coot	<i>Fulica atra</i>	Bird	AQ	Rear
178	Goldcrest	<i>Regulus regulus</i>	Bird	TC, PC, FD	Rear
179	Eurasian Curlew	<i>Numenius arquata</i>	Bird	AQ, CV	Passage Migrants
180	Hume's Whitethroat	<i>Sylvia althaea</i>	Bird	AS, AQ	Summer Visitors
181	Kashmir Nuthatch	<i>Sitta cashmirensis</i>	Bird	TC, PC, FD	Rear
182	White-cheeked Nuthatch	<i>Sitta leucopsis</i>	Bird	TC, PC	Rear
183	Grey-headed Canary- flycatcher	<i>Culicicapa ceylonensis</i>	Bird	RF, TB, TC	Summer Visitors
184	Asian Barred Owlet	<i>Glaucidium cuculoides</i>	Bird	UF, TB, TC, PC	Rear
185	Collared Owlet	<i>Glaucidium brodiei</i>	Bird	DO, PC	Rear

186	Tawny Owl	<i>Strix aluco</i>	Bird	PC, DO, TB	Rear
187	Brahminy Starling	<i>Sturnia pagodarum</i>	Bird	UF, TB	Summer Visitors
188	Common Myna	<i>Acridotheres tristis</i>	Bird	RF, UF, CV	Rear
189	Wallcreeper	<i>Tichodroma muraria</i>	Bird	OH, RO (River side)	Winter Visitors
190	Black-chinned babbler	<i>Cyanoderma pyrrhops</i>	Bird	TB, OS	Rear
191	Rusty-cheeked Scimitar- babbler	<i>Megapomatorhinus erythrogenys</i>	Bird	Tb, TC, CV	Rear
192	Eurasian Wren	<i>Troglodytes troglodytes</i>	Bird	RF, TB, DO, AS, RO	Rear
193	Black-throated Thrush	<i>Turdus atrogularis</i>	Bird	PC, AS, PS, FD	Winter Visitors
194	Chestnut Thrush	<i>Turdus rubrocanus</i>	Bird	RF, UF, TB, TC	Summer Visitors
195	Grey-winged Blackbird	<i>Turdus boulboul</i>	Bird	UF, TB, TC	Rear
196	Mistle Thrush	<i>Turdus viscivorus</i>	Bird	PC, TC, AS, FD	Rear
197	Plain-backed Thrush	<i>Zoothera mollissima</i>	Bird	PC, AS, RO	Rear
198	Tickell's Thrush	<i>Turdus unicolor</i>	Bird	TB,UF	Summer Visitors
199	Common Hoopoe	<i>Upupa epops</i>	Bird	CV, UF	Summer Visitors
200	Oriental White-eye	<i>Zosterops palpebrosus</i>	Bird	RF, UF, TB	Summer Visitors
201	Butterfly	<i>Rhopalocera</i>	Insect	Every where	Rare
202	Bee	<i>Apis sp.</i>	Insect	Every where	Rare
203	Beetle	<i>Coleoptera</i>	Insect	Every where	Rare
204	Mosquito	<i>Culix sp.</i>	Insect	Every where	Rare
205	Lady bird	<i>Coccinella sp.</i>	Insect	Every where	Rare
206	Fly	<i>Diptera</i>	Insect	Every where	Rare
207	Bedbug	<i>Cimex Letularius</i>	Insect	Every where	Rare

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.

	AS	Alpine Scrub			
	RO	Rockey Outcrops			
	AE	Ariel Edges			

	GD	Garbage Dumps			
	OH	Open Hill			
	OS	Open Scrub			
	TB	Temperate Broadleaf			
	TC	Temperate Conifer			
	RF	Riparian Forest			
	UF	Urban Forest			
	AQ	Aquatic Forest			

Format-31 : Any other information of local importance.

1	2	3
S. No.	Information of local importance	Remarks
1		
2		