

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samity: BALGRAN

Taluk: DRABSHALLA

District: Kishtwar

UT: Jammu & Kashmir

Geographical Area of the Panchayat Samity: 8 sqkm

Population under the Panchayat Samity: Total = 2976

Male 1550 Female 1426

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: 25-05-2022

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: Roshan Lal
Age: 58
Gender: Male
Address: Dhanoo
Occupation: Farmer
2) Name: Indu Balla Age: 30 years Gender: Female Address: Dhamota Occupation: Housewife
3) Name: Sanjna Devi Age: 33 years Gender: Female Address: Fulgwari Paddar Occupation: Housewife
4) Name: Ilam Din Age: 36 years Gender: Male Address: Sulda Occupation: Farmer
5) Name: Man Singh Age: 65 years Gender: Male Address: Balgran Occupation: Retired teacher
6) Name: Gh Mohd Age: 54 Years Gender: Male Address: Shalibara Occupation: 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: Mohd Shafi

Age:

Gender: Male

Address:

Area of Specialization: Vaid

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:

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 andAddress: Raj kumar/ Science teacher

2) Contact Person Name andAddress: Prabhu Lal/ Forest guard

3) Contact Person Name andAddress: Mushtaq Ahmed Mir/ Pharmacist
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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													AGROBIODIVERSITY Format 1: Crop Plants		PBR – Formats
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		Plenty	Rare	Tall, high yield variety resistant to drought, pests & diseases	Aug-Sept	Food, Fodder	Provides more energy	Not-known	Local user group/ Local user group/ Local user group/ Local user group/ Local user group/ Local user group/ Local user group/	Locals/ Deptt. Of Agriculture	
Wheat	<i>Triticum aestivum</i>	Gundam	Local	Temperate conditions		Plenty	Plenty	-do-	May-June	Food, Fodder	Provides more energy	Not-known		Locals/ Deptt. Of Agriculture	
Barley	<i>Hordeum vulgare</i>	Jow	Local	Temperate conditions		Plenty	Rare	-do-	May-June	Food, Fodder	Provides more energy	Not-known		Locals/ Deptt. Of Agriculture	
Maize	<i>Zea mays</i>	Makki	Local	Temperate conditions		Plenty	Plenty	-do-	Sept-Oct	Food, Fodder	Provides more energy	Not-known		Locals/ Deptt. Of Agriculture	
Oat	<i>Avena sativa</i>	Lawn	Local	Temperate conditions		Rare	Plenty	-do-	May-June	Food, Fodder	Provides more energy	Not-known		Locals/ Deptt. Of Agriculture	
Beans	<i>Phaseolus vulgaris</i>	Rajmash	Local	Temperate conditions		Plenty	Plenty	Resistant to drought, pests & diseases	Sept-Oct	As vegetable and pickle	Provides more energy	Not-known		Locals/ Deptt. Of Agriculture	

Cucumber	<i>Curmis sativus</i>	Khira	Local / Hybrid	Temperate conditions		Plenty	Plenty		Aug-Sept	Eaten raw as a salad	Nutritious value	Commercial/ own use	farmers, shops and Deptt. Of Agriculture	Locals/ Deptt. Of Agriculture
Radish	<i>Raphanus sativus</i>	Mooli	Local turnip shaped radish	Temperate conditions		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		Locals/ Deptt. Of Agriculture
Tomato	<i>Lycopersicum esculentum</i>	Tamatar	Local / Hybrid	Temperate conditions		Plenty	Plenty	NA	July-Sept	As vegetable and ketchup	Rich in vitamin C and Lycopene	NA		Locals/ Deptt. Of Agriculture
Kale	<i>Brassica olereca</i>	Haak	Local / Hybrid	Temperate conditions		Plenty	Plenty	High yield production	twice in a year	Relished as pickle and as vegetable	Rich in fibre	NA		Locals/ Deptt. Of Agriculture
Bottle gourd	<i>Lagenaria siceraria</i>	Ghiya	Local/ Hybrid	Temperate conditions		Plenty	Plenty	High yield production	May- Aug	As vegetable	Good for health	NA		Locals/ Deptt. Of Agriculture
Potato	<i>Solanum tuberosum</i>	Aalu	Local pahadi aalu	Temperate conditions		Plenty	Plenty	High yield production	May- Aug	As vegetable	Rich in proteins and carbohydrates	NA		Locals/ Deptt. Of Agriculture
Green Chilly	<i>Capsicum annuum</i>	Mirchi	Local/ Hybrid	Temperate conditions		Plenty	Plenty	High yield production	May- Aug	As vegetable and pickle	Improve immune system	NA		Locals/ Deptt. Of Agriculture
Pumpkin	<i>Cucurbita moschata</i>	Kaddu	Local/ Hybrid	Temperate conditions		Plenty	Plenty	High yield production	May- Aug	As vegetable	Good for digestion and immune system	NA	Locals and Deptt. Of Agriculture	

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 (Ripening)	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 & Deptt. Of Horticulture
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 & Deptt. Of Horticulture
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 & Deptt. Of Horticulture
Pear	<i>Pyrus communis</i>	Tang	Babugosha, Moti Daddi, Half red Nakh	-do-	Plenty	Plenty	Local preserved / grafting	Aug-Sept	Uses for mild digestion problems, diarrhea, severe cholera	Nutritious value	Market / own use	Locals & Deptt. Of Horticulture
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 & Deptt. Of Horticulture
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 & Deptt. Of Horticulture

Grapes	<i>Vitis vinifera</i>	Angoor	Local / Hybrid	-do-	Rare	Rare	Local preserved	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals & Deptt. Of Horticulture
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 & Deptt. Of Horticulture
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 & Deptt. Of Horticulture

Format 3: Fodder Crops / Trees

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>Parthenium hysterophorus</i>	Congress grass	Every crop even to human	Less growth of affected crop and causes severe itching in humans	Forest / Lowland	Absent	Widespread	-	Pesticide spraying / plucking out	Causes severe skin problems	Not reported	Locals and Deptt. Of Agriculture & Horticulture
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	
Grass	<i>Marsilea quadrifolia</i>	Grass	Rice	-do-	Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	
Grass	<i>Echinochloa crus-galli</i>	Grass	Rice	-do-	Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	
Grass	<i>Anagallis arvensis</i>	Grass	Maize	-do-	Lowland	Plenty	Plenty	-	Pesticide spraying / plucking out	Weed	Not reported	
Grass	<i>Lolium temulentum</i>	Rye grass	Wheat	-do-	Lowland	Plenty	Plenty	-	Manual plucking out	Weed adversely affect crop quality	Not reported	
Plant	<i>Malva sylvestris</i>	Sotsal	Vegetables	-do-	Lowland	Plenty	Plenty	As vegetable	Manual plucking out	Medicinal use	Not reported	

Plant	<i>Cannabis sativa</i>	Bhang	Every crop	-do-	Forest /Lowland	Plenty	Plenty	-	Manual plucking out	Religious purpose	Making Charas (intoxicating drug)
Plant	<i>Carduus nutans</i>	Kond posh	Every crop	-do-	Forest /Lowland	Plenty	Plenty	-	Manual plucking out	Weed	Not reported
Plant	<i>Utrica dioica</i>	Soi	Every crop	-do-	Forest /Lowland	Plenty	Plenty	Medicinal use	Pesticide spraying / plucking out	Weed	Not reported
Plant	<i>Matricaria chamomilla</i>	Chamomile	Every crop	-do-	Forest /Lowland	Plenty	Plenty	Medicinal use	Pesticide spraying / plucking out	Weed	Not reported

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	-
Kail tree	Fungi	<i>Lophodermium macci</i>	Fungus	On host and fallen needles	July to Oct	Insecticide application	Not reported	Leaf defoliator	-
Fir tree	Fungi	<i>Fusarium pallidroseum</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>	Pediyani	Leaf feeder	May- Sept	Insecticide application	Reduces crop yield	Not known	
Peach, plum	Insect	<i>Brachycaudus helichrysi</i>	Leaf- curling aphid	On host	May- October	Insecticide application	Damages the crop	Leaf defoliator	
Apple, Pear	Insect	<i>Eriosoma lanigerum</i>	Wooly 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	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	605

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	Owner ship	General Flora	General Fauna	Major Uses	User Group	Management Practices	General uses	Associated TK	Other Detail	Community Accessed
Nallah	Baada Nallah	Tributary of river Chenab	Govt./ Panchayat	Mostly ferns, bryophytes and pteridophytes	Amphibians and insects	Irrigation and drinking	Local population	De-silting	Irrigation			Local population
	Guin											
	River							Check dams				

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
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

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 Know 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 & as a brain & heart tonic. Also useful in bleeding & 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			
Shrub	Anar	<i>Punica granatum</i>	MFP	Forest	Natural	Plenty	Rare	Treatment of cancer, osteo-arthritis, appetizer	Whole plant			
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	Used for 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	Throat problem,Cold,cough	Flower
Herb		<i>Amaranthus viridis</i>	MFP	Forest	Natural	Plenty	Plenty	Treatment of fever, pain, asthma	Whole part
Herb	Ganda	<i>Allium cepa</i>	MFP	Forest	Natural	Plenty	Plenty	Anti inflammatory, antiseptic	Bulb, Leaves
Herb		<i>Allium humile kunth</i>	MFP	Forest	Natural	Plenty	Common	Treatment of cholera, dysentery, cough	Bulbs
Herb	Thom	<i>Allium sativum</i>	MFP	Forest	Natural	Plenty	Plenty	Fever, diabetics, swellings	Bulbs
Herb	Dhaniya	<i>Coriandrum sativum</i>	MFP	Forest	Natural	Plenty	Plenty	Measles, hemorrhoids, toothache & joint pain	Leaves, Seeds
Herb	Mooli	<i>Raphanus sativus</i>	MFP	Forest	Natural	Plenty	Plenty	To treat constipation,chronic tracheitis & hypertension	Leaves root
Herb	Sunflower	<i>Helianthus annuus</i>	MFP	Forest	Natural	Plenty	Common	High fever, snake bite	Leaf, Seed
Climber	Kaakid	<i>Cucumis sativus</i>	MFP	Forest	Natural	Plenty	Plenty	Blemished skin, heart rash, burns, sores	Whole part
Climber	All, kaddu	<i>Cucurbita pepo</i>	MFP	Forest	Natural	Plenty	Plenty	Anti inflamentry, anti viral, anti ulcer	Whole part
Tree	Shehtut	<i>Morus alba</i>	MFP	Forest	Natural	Plenty	Common	Asthma,Bronochits	Bark
Herb	Green Chilly	<i>Capsicum annum</i>	Local	Temperate	Cultivated	Plenty	Plenty	Good for immune system, eye sight.	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 of 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/people have got ample knowledge with respect to the 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	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			
Trees	Shisham	<i>Dalbergia sisoo</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/timber			
Trees	Trikanni	<i>Acer pictum</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	Local/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	Local/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	No	Nil	Local/Nomads
Cat	Billi	<i>Felis catus</i>	Local	Small, greyish black, white in colour	Wild/ Domestication	Common	Common	Pest control	Nil	No	Nil	Local/Nomads
Horse	Ghoda	<i>Equus caballus</i>	Local	Large strong animals, 60-70 inches in height	Domestication/ Flock rearing	Common	Common	Used in riding and transport	Nil	Yes	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	Yes	Nil	Local/Nomads
Poultry	Kokad	<i>Gallus domesticus</i>	Desi/ Hybrid	Enriched meat flavour, high egg yield	Domestication/ Rearing	Common	Common	Egg/Meat	Nil	Yes	Nil	Local
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	Yes	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/talab)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
Cold Water	Gaad	<i>Schizothorax richardsonii</i>	Indigenous	Elongated tube form with short snout, barbles, lower lip folded	Snow fed streams and rivers	Plenty	Abundant	Food	Nil	No	NA	Locals & Deptt. of fisheries

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

1	2	3	4	5	6	7	8	9
Name of the Weekly Market/ Fair	Location	Weekly/ Fortnightly & others Bi-annual/ Annual	Day held	Month incase of bi-annual or annual market fair	Types of animal bought and sold	Number of animals (average) transacted in a day	Places from where the animals are arrived	Places to where the animals are transported
-----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 and 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			
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 dipyrrena</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	
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	Kuuppada 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,Floers,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	Floers ,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/Daruhaldi	<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	Bhutyata	<i>Corydalis govaniana</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole Plant	
Herb		<i>Corydalis thyrsoflora Prain</i>	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	

Bonafide purpose

Inhabitants of the area.

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>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	Moojin	<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	Triكاني	<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	
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 oblate</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	
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	
Herb		<i>Thalictrum foliolosum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
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	

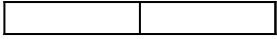
Herb		<i>Aquilegia fragrans</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Aquilegia nivalis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Rhizomes	
Herb		<i>Delphinium brunonianum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Whole part	
Herb		<i>Delphinium cashmerianum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Roots	
Herb		<i>Delphinium vestitum</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb		<i>Ranunculus distans</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves	
Herb		<i>Ranunculus hirtellus</i>	MFP	Temperate	Common	Rare	Commercial and own use	Leaves, Flowers	

Format-19 : Wild Plant Species of Importance.

0	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
3	Phras	<i>Populus alba</i>	Wild	Economic & Social	Do exist
4	Kiker	<i>Robenia pseudoacacia</i>	Wild	Economic & Social	Do exist
6	Heru	<i>Quercus ilex</i>	Wild	Economic & Social	Do exist
8	Mohru	<i>Quercus floribunda</i>	Wild	Economic & Social	Do exist
10	Mooin	<i>Artemisia meritima</i>	Wild	Economic & Social	Do exist
11	Bhoj Patar	<i>Betula utilis</i>	Wild	Cultural & 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
21	Jangli angoor	<i>Vitis vinefera</i>	Wild	Economic & Social	Do exist
22	Ban tambaku	<i>Verbascum thapsus</i>	Wild	Economic & Social	Do exist

23	Banafsha	<i>Viola odorata</i>	Wild	Economic & Social	Do exist
24	Feku	<i>Ficus palmata</i>	Wild	Economic & Social	Do exist
25	Guggal	<i>Jurinea dolomiaea</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	Hamesh bahar	<i>Calendula officinalis</i>	Wild	Economic, Social & Religious	Do exist
39	Handh	<i>Taraxacum officinale</i>	Wild	Economic & Social	Do exist
40	Hillu	<i>Impatiens glandulifera</i>	Wild	Economic & Social	Do exist
41	Kahjuban	<i>Arnebia benthami</i>	Wild	Economic & Social	Do exist
42	Murma	<i>Valeriana dubia</i>	Wild	Economic & Social	Do exist
43	Nag Rus	<i>Acorus calamus</i>	Wild	Economic & Social	Do exist
47	Neel Kanth	<i>Ajuga bracteosa</i>	Wild	Economic & Social	Do exist
	Nichni	<i>Rhododendron campannalatum</i>	Wild	Economic & Social	Do exist
	Patrishi	<i>Aconitum heterophyllum</i>	Wild	Economic & Social	Do exist
	Postul	<i>Taxus baccata</i>	Wild	Economic & Social	Do exist
	Sapp Google	<i>Arisaema flavum</i>	Wild	Economic & Social	Do exist
52	Kim	<i>Morina longifolia</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	Mooin	<i>Artemisa maritime</i>	Wild	Economic & Social	Do exist

57	Mori	<i>Delphinium roylei</i>	Wild	Economic & Social	Do exist
58	Mulam	<i>Inula royeleana</i>	Wild	Economic & Social	Do exist
59	Champ	<i>Alnus nitida</i>	Wild	Economic & Social	Do exist
60	Kundiya/ Kundi	<i>Peziza violacea</i>	Wild	Economic	Rare
	Kasrore	<i>Diplazium esculentum</i>	Wild	Economic	Common
62					
63					
0					



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>	Local	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 remedy such that particular valuable for 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	Fronds are said to be antiasthmatic and antispasmodic	It is used n the treatment of chest infection, cough, diabetes, fever and skin disease	Locals
Gaad/ Fish	<i>Schizothorax richardsonii</i>	Local	Elongated tube form with short snout, barbules, lower lip folded	Snow fed streams and rivers	Plenty	Common	Food/ Commercial	NA		Indigenous

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 leafy vegetable consumed by humans. Its high content of Vitamin C makes it a good remedy for chronic illnesses.	Abundant
2	Maiden hair (Ghvtheer)	<i>Adiantum caudatum</i>	It is a perennial fern producing fronds	Fronds are said to be antiasthmatic and antispasmodic. It is used to treatment of chest infection, cough, diabetes, fever and skin disease	Abundant

Format-22 : Wild Plants of Medicinal Importance.

1	2	3	4	5	6		7	8	9	10
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local status		Associated TK	Uses (usage)	Part used	Other details market/ own use
					Past	Present				
Herb	Kanees	<i>Dioscorea deltoidea</i>		Low Lands				Rhematoid	Roots	Medicinal use
	Handh	<i>Taraxacum officinale</i>						Anti <i>rheumatic</i>	Leaves / roots	Medicinal use
	Bunafsha	<i>Viola serpens</i>						Cough/cold treatment	Flowers	Medicinal use
	Sonf	<i>Foeniculum vulgare</i>						Constipation	seeds	Also used as Flavouring agent
	Pumchalam	<i>Rheum australe</i>						Cuts/wounds healing	Roots	Medicinal use
	Soi	<i>Urtica dioica</i>					To heal cuts/ wounds	Roots	Causes acute skin allergy	
	Mushak bala	<i>Valeriana wallichii</i>					Insomnia, stress	Roots	Medicinal use	
	Shivlingi	<i>Diplocyclos palmatus</i>					Used as an aphrodisiac & tonic, for constipation, stomach problems, diarrhoea, malaria fever etc.	Ariel plants parts	Own use	
	Patrees	<i>Aconitum heterophyllum</i>					Used to treat bronchitis, persistent cough, upper respiratory tract infections. common cold, flu & malaria, treat fever, cough ,vomiting & diarrhea.	Roots	Own use	

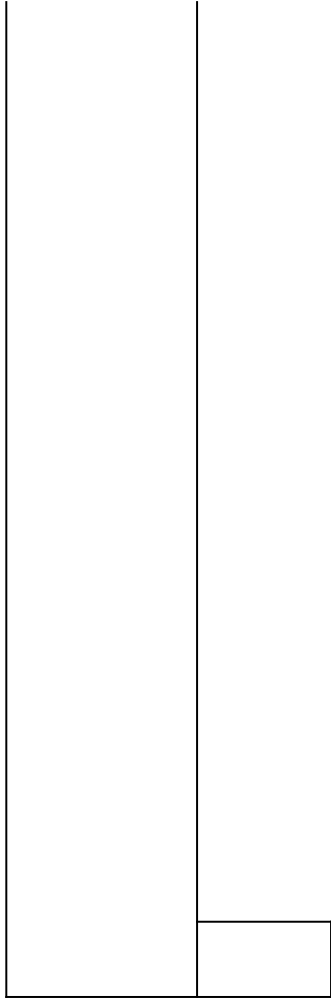
	Pushkarmula	<i>Inula racemosa</i>	Wild	High altitude	Abundant	Rare	Local having good knowledge with respect to identification of the species and their uses.	To treat chronic bronchitis & Rh,dried rhizomes & roots are used to cure loss of appetite & stomach troubles.	Roots, Rhizomes	Own use
	Hebel	<i>Rumex sprengel</i>		To heal cuts/ wounds				Leaves/stemp	Medicinal use	
	Tilpushpi (Foxglove)	<i>Digitalis purpurea</i>		Useful to treat congestive heart failure & heart rhythm problems				Roots	Own use	
	Kour, Kutki, Kadu, Kadvi	<i>Picrorhiza kurroa</i>		Used for the treatment of jaundice, liver infections caused by a virus, fever,allergy & asthma.				Roots	Own use	
	Pudina	<i>Mentha longifolia</i>		Good for digestion. Also used as a cooling mouth freshner.				Leaves	Market/ Own use	
	Mooin	<i>Artemisia absinthium</i>		As a remedy for stomach issues				Leaves	Market/ Own use	
Trees	Khor/Doon/Choor	<i>Juglanas regia</i>	To treat toothache	Leaves, bark, pericarp	Market/ Own use					
	Zum	<i>Prunus cormuta</i>	Helpful in the treatment of cancer.	Timber	Market/ Own use					
	Fir	<i>Abies pindrow Spach</i>	Used to treat fever,wheezing cough & cold.	Seeds,Timber	Market/ Own use					
	Kail	<i>Pinus wallichiana</i>	Useful in treating acidity, cough,fainting & ulcers.	Seeds, needles	Market/ Own use					
	Postul/Brahmi	<i>Taxus baccata</i>	useful for treating common cold,cough,fever & pain.	Leaves,Bark	Market/ Own use					
	Gugu	<i>Asculus indica</i>	To treat rheumatism	Seeds	Market/ Own use					

	Feku	<i>Ficus palmata</i>						To treat skin diseases	Latex fruit	Market/ Own use
Shurb	Khumlai	<i>Berberis aristata</i>		Low Lands				Used as a laxative and as a remedy for acidity	Fruit	Own use
	Anardana	<i>Punica granatum</i>	Wild/ home grown					To treat jaundice and as an appetizer	Seeds	Market/ Own use
	Neel Kanth	<i>Ajuga bracteosa</i>	wild					Malarial fever/Gastric problem	Leaves	Market/ Own use
	Bhang	<i>Cannabis sativa</i>					Used to treatment pain, insomania & depression. Also consumed as a narcotic.	Seeds/ leaves	Market/ Own use	
	Gur-Krandel	<i>Ferula jaeschkeana</i>		Wild/Home grown				Treatment of asthma,whooping cough,flatulent colic,pneumonia,bronchitis	Leaves, Flowers	Own use
	Sanglidhoop	<i>Skimmia anquetilia</i>						used for treatment of swelling & rheumatism Powder of its bark is used for the	Leaves	Own use
	Beri	<i>Zizyphus oxyphylla</i>						used to treat diabetes,fever,dysentery,as well as blood & skin diseases	Fruit	Own use
	Sheshak	<i>Rabdosia rugosa</i>					Used to treat helminthiosis in live stock	Leaves	Own use	
	Chalander	<i>Viburnum grandiflorum</i>		wild				Used as laxative & blood purifier,also used to reduce muscular cramps.	Fruit	Own use
	Datura	<i>Datura stramonium</i>						To treat headache, joint pain	Seeds	Medicinal use

11
Community Knowledge Holder

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





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					

Format 24: Ornamental Plants

1	2	3	4	5	6	7	8
Local Name	Scientific Name	Variety	Habitat	Commercial / Non-commercial Uses	Associated TK	Any other Detail	Community/ Knowledge Holder
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>	Evergreen	Temperate/ terrestrial	Non-commercial	Ornamental plant	Provides scenery/beauty of the area	Locals
Safeda	<i>Populus</i>	Populus	Temperate/ terrestrial	Commercial	Provides scenery/beauty tothe area	Used in fruit packing industries	Locals
Gainda	<i>Tagetes erecta</i>	Local/wild	Temperate/ terrestrial	Non-commercial	Ornamental	Religious	Locals
Gulab	<i>Rosa acicularis</i>	Local /wild	Temperate/ terrestrial	Non-commercial	Ornamental	Religious	Locals
Tree	Kikar	<i>Robinia pseudoacacia</i>	Temperate/ terrestrial	Non-commercial	Ornamental	Timber, Fodder, Fuel	Locals

Format-25 : Fumigate/ Chewing Plants.

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>	Herbaceous, perennial	Temperate	Plenty	Rare	Mouth freshner, spices	Seeds	knowledge w.r.t identification /common	Bonafide purpose
	Jungli pudina	<i>Mentha longifolia</i>	Herbaceous, perennial	Temperate	Plenty	Plenty	Cooling medicine	Leaves		
	Chuku	<i>Oxalis corniculata</i>	Herbaceous plant	Temperate	Plenty	Rare	Used in the treatment of influenza, fever, urinary tract infections & snake bites.	Leaves		
Shrub	Bantambaku	<i>Verbascum thapsus</i>	Herbaceous plant	Temperate	Plenty	Rare	Narcotic	Leaves		
	Bhang	<i>Cannabis sativa</i>	Local	Temperate	Plenty	Plenty	Do	leaves		
Trees	Khor/Dun	<i>Juglanas regia</i>	Local	Temperate	Plenty	Plenty	Teeth cleaning, toothache	Leaves, bark		

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				
Kail	<i>Pinus wallichiana</i>	Temperate/Coniferous/ terrestrial	Common	Common			Firewood	Inhabitants of the area.
Kiker	<i>Acacia nilotica</i>	Temperate/ terrestrial	Plenty	Rare			Fuel wood, fodder	
Diyar	<i>Cedrus deodara</i>	Temperate/Coniferous/ terrestrial	Common	Common			Firewood, Cedar oil	
Khor/ Don/Choor	<i>Juglans regia</i>	Temperate/ terrestrial	Common	Common			Firewood, medicine	
Phras	<i>Populus alba</i>	Temperate/ terrestrial	Plenty	Rare			Firewood, fodder	
Champ	<i>Alnus nitida</i>	Temperate/ terrestrial	Plenty	Rare			Firewood, fodder	
Fir	<i>Abies pindrow</i>	Coniferous/ terrestrial	Plenty	Rare			Firewood, timber	
Spruce	<i>Picea smithana</i>	Temperate/ terrestrial	Plenty	Rare			Firewood, timber	
Kharshu	<i>Quercus semecarpifolia</i>	Temperate/ terrestrial	Common	Common			Firewood	

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

<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>		<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>
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	Throughout the year	Plenty	Rare					
	Jungli billi	<i>Felis chaus</i>	Lower scrub forest	Grey , light brown in colour	Throughout the year	Plenty	Rare					
	Jackal/ Gidur	<i>Canis aureus</i>	Around habitation	Nocturnal	Throughout the year	Plenty	Rare					
	Reech/ Bhalu	<i>Ursus americanus</i>	High altitude	Omnivore	Throughout the year	Plenty	Rare					
	Leopard cat	<i>Prionailurus begalensis</i>	High altitude	Has pointed ear	Throughout the year	Common	Rare					
	Red fox	<i>Vulpus vulpus</i>	High altitude		Throughout the year	Plenty	Rare					
	Himalayan Brown Bear/ Bhalu	<i>Ursus arctos</i>	High altitude	Black in colour and big in size	Throughout the year	Plenty	Common					
	Asian Black Bear/ Bhalu	<i>Ursus thibetanus</i>	High altitude	Black with a white patch under the neck	Throughout the year	Plenty	Common					
	Pine martin	<i>Martes martes</i>	High altitude		Throughout the year	Common	Rare					
	Alpine ibex	<i>Capra ibex</i>	High altitude		Throughout the year	Plenty	Rare					
	Kashmir grey langur	<i>Semnopithecus ajas</i>	Temperate	Greyish with black face	Throughout the year	Common	Abundant					

	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
Rodents	Chuha	<i>Mus booduga</i>	Fields	Common in houses	Throughout the year	Plenty	Common
	Gagud	<i>Rattus rattus</i>	Houses	Grey colour, large size	Throughout the year	Plenty	Plenty
	Himalayan marmot	<i>Marmota bobak</i>	Temperate		Throughout the year	Common	Rare
	Een	<i>Eoglaucmys fimbriatus</i>	Temperate	Nocturnal, Greyish Black in colour with a furry tail	Throughout the year	Plenty	Common
	Himalayan mouse hare	<i>Ochotona roylei</i>	Temperate	Small in size, resembles a hare	Throughout the year	Common	Rare
	Short-Tailed Bandicoot Rat	<i>Nesokia indica</i>	Temperate		Throughout the year	Common	Rare
	Porcupine/ Shale	<i>Hystrix indica</i>	Temperate	Black and white in colour with long, sharp spikes on posterior side	Throughout the year	Plenty	Common
	Himalayan pit viper	<i>Agkistrodon himalayanus</i>	Rocky Hills	Limbless, carnivore with mobile jaw	Summer	Plenty	Common
	Lal saanp	<i>Ptyas mucosa</i>	Rocky Hills	Limbless, carnivore with mobile jaw	Throughout the year	Plenty	Common
	Saanp	<i>Lycodon Mackinmoni</i>	Rocky Hills	Limbless, carnivore with mobile jaw	Throughout the year	Plenty	Common
	Russell's viper/ Gunus	<i>Vipera russelii</i>	Rocky Hills	Limbless, carnivore with mobile jaw	Throughout the year	Plenty	Common
	Common Skink/ Lishik	<i>Lygosoma himalayanus</i>	Temperate	Quadrepedal, Black with a reddish ventral side & thin tail	Throughout the year	Common	Common
	Chipkali/ Kankal	Lacertila	Rocky Hills	Quadrepedal, thin long tail	Summer	Common	Common

Necessary for maintenance of Ecological balance

Prohibited

Locals having good knowledge with respect to their identification

Insects	Bed bug	<i>Cimex lectularius</i>	Temperate region, mostly on animals	Light brown in colour, flat oval	Summer	Common	Common		
	Makhi	<i>Musca domestica</i>	Cosmopolitan	Small, black in colour with hairy body, nuisance pest	Summer	Common	Plenty		
	Ant/ Chinti	<i>Solenopsis invicta</i>	Cosmopolitan	Black in colour, nuisance pest	Throughout the year	Common	Plenty		
	Machar	<i>Culex</i> sp.	Temperate region	Small light coloured	Summer	Common	Abundant		

Annelid

Earthworm	<i>Pheritima posthuma</i>	Temperate region	Slender, segmented body.	Summer	Common	Common
Leech	<i>Hirudo medicinalis</i>	Temperate region	Soft, segmented body	Summer	Common	Common

AS (Alpine Scrub)	RO (Rocky 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-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	Variiegated 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		