

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samity: **Dugga**

Taluk: **Drabshalla**

District: **Kishtwar**

UT: **Jammu & Kashmir**

Geographical Area of the Panchayat Samity: **3.2 sqkm**

Population under the Panchayat Samity: Total = **1915**

Male : **985** Female: **930**

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: **23-05-2022**

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: Abrar Ahmed
Age: 26
Gender: Male
Address: Dugga
Occupation: Business
2) Name: Nazia Begum Age: 26 Gender: Female Address: Dugga Occupation: Housewife
3) Name: Nusrat Begum Age: 45 Gender: Female Address: Dugga Occupation: Housewife
4) Name: Babu Ram Age: 70 Gender: Male Address: Dugga Occupation: Retired Govt. Employee
5) Name: Shahid Rasheed Age: 48 Gender: Male Address: Dugga Occupation: Business
6) Name: Daleep Kumar Age: 36 Gender: Male Address: Dugga Occupation: Ex- serviceman
7) Name: Mohd Nazeer Age: 36 Gender: Male Address: Dugga 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:

Age:

Gender:

Address:

Area of Specialization:

Location from which the person accesses biological material: -

Perception of the practitioner on the resource status: Medicinal use:-

Name:

Age:

Gender:

Address:

Area of Specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status: Medicinal use:

Name:

Age:

Gender:

Address:

Area of Specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status: Medicinal use:

Annexure 3

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

Name:- Mohd Shafi

Age:

Gender: Male Address: Dugga

Area of specialization: Retd. Govt employee

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: Sajad Husain(Forest guard)/ 9622001094

2) Contact Person Name andAddress: Mohd. Imtiyaz (Teacher)/ 9596904371
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3) Contact Person Name andAddress: Shafqat Najeeb(Horticulture officer)/ 9797541280

4) Contact Person Name andAddress:

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

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

Part II

**PBR – Formats
AGROBIODIVERSITY**

Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape/ Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>	Dhan / tamul	Veliyan	Lowland valleys		Plenty	Rare	Tall variety High yield Resistant to drought,pests &diseases	Aug-Sept	Food Fodder Fuel	Provides more energy	Not-known	Local preserved	Locals
Wheat	<i>Triticum aestivum</i>	Gundam	Local	Lowland valleys		Plenty	Plenty	-do-	May-June	Food Fodder	Provides more energy	Not-known	Local preserved / Agriculture Deptt.	Locals
Barley	<i>Hordeum vulgare</i>	Jow	Local	Lowland valleys		Plenty	Rare	-do-	May-June	Food Fodder	Provides more energy	Not-known	Local preserved	Locals
Maize	<i>Zea mays</i>	Makki	Local	Lowland valleys		Plenty	Plenty	-do-	Sept-Oct	Food Fodder	Provides more energy	Not-known	Local preserved	Locals
Oat	<i>Avena sativa</i>	Lawn	Local	Lowland valleys		Rare	Plenty	-do-	May-June	Fodder	Provides more energy	Not-known	Local preserved / Agriculture Deptt.	Locals
Beans	<i>Phaseolus vulgaris</i>	Rajmash	Local	Lowland valleys		Plenty	Plenty	Resistant to drought, pests &diseases	Sept-Oct	Food Fodder	Provides more energy	Not-known	Local preserved	Locals
Cucumber	<i>Curmis sativus</i>	Khira	Local / Hybrid	Agriculture land		Plenty	Plenty		Aug-Sept	Provides more energy	Nutritious value	Commercial/ own use	Local preserved / Seed shops	Locals

Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting (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
Apricot	<i>Prunus armeniaca</i>	Khubani	Safeda, Qadri	-do-	Plenty	Rare	Local preserved / grafting	June-July	Cures heart diseases	Nutritious value	Market / own use	Locals
Walnut	<i>Juglans regia</i>	Akhroot	Local	Lowland valley / Agricultural land	Plenty	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Reduces prostate cancer and diabetes	Nutritious value	Market / own use	Locals
Pear	<i>Pyrus communis</i>	Tang	Babugosha, Moti Daddi, Half red Naak	-do-	Plenty	Common	Local preserved / grafting	Aug-Sept	Uses for mild digestion problems, diarrhoea, severe cholera	Nutritious value	Market / own use	Locals
Peach	<i>Prunus persica</i>	Aadu	Local, Shan-e-Punjab, Amba	-do-	Plenty	Rare	Local preserved	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals
Pomegranate	<i>Punica granatum</i>	Anardana	Local wild	-do-	Plenty	Rare	Local preserved	Sept-Oct	Provides more energy	Nutritious value	Market / own use	Locals
Grapes	<i>Vitis vinifera</i>	Angoor/ Dach	Local/ Hybrid	-do-	Rare	Rare	Local preserved	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals
Cucumber	<i>Curmis sativus</i>	Khira	Local / Hybrid	Agriculture land	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals
Plum	<i>Prunus domestica</i>	Alu Bukhara	Santa Rosa / Local	Agriculture land	Rare	Rare	Local preserved / Seed shops	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals
Quince	<i>Cydonia oblonga</i>	Beehi	Local	Agriculture land	Plenty	Common	Local preserved / Seed shops	Aug-Sept	Provides more energy	Nutritious value	Market / own use	Locals

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	Plenty	Common	Natural propagation / Artificial regeneration	Used as fodder and fuel	Green Leaves	Also a good soil binder plant	Locals
Ban oak	<i>Aescules indica</i>	Gug	Lowland / Forest	Common	Rare	Natural propagation / Artificial regeneration	-do-	Green Leaves	Also used as fuel wood	Locals
Ailanthus	<i>Ailanthus altissima</i>	Fak kul	Lowland / Forest	Plenty	Common	Natural propagation	-do-	Green Leaves	Also used as fuel wood	Locals
Willow	<i>Salix alba</i>	Ier kul	Lowland / Forest	Plenty	Common	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	Plenty	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 humans	affected crop and causes severe itching	Forest / Lowland	Absent	Widespread	None	Pesticide spraying/ plucking out	Causes severe skin problems	Invasive Alien species	Locals
Grass	<i>Cynodon dactylon</i>	Dhrub	Every crop	Less growth of affected crop	Forest / Lowland	Plenty	Plenty	Fodder grass	Pesticide spraying/ plucking out	Religious purpose	Not reported	Locals
Grass	<i>Echinochloa crus-galli</i>	Grass	Rice	-do-	Lowland	Common	Plenty	-	Pesticide spraying/ plucking out		Not reported	Locals
Grass	<i>Anagallis arvensis</i>	Grass	Maize	-do-	Lowland	Common	Common	-	Pesticide spraying/ plucking out		Not reported	Locals
Grass	<i>Lolium temulentum</i>	Rye grass	Wheat	-do-	Lowland	Common	Common	-	Manual plucking out		Not reported	Locals
Plant	<i>Malva sylvestris</i>	Sotsal	Vegetables	-do-	Lowland	Plenty	Plenty	Consumed as a vegetable	Manual plucking out	Medicinal use	Not reported	Locals
Plant	<i>Cannabis sativa</i>	Bhang	Every crop	-do-	Forest/ Lowland	Plenty	Plenty	Making Charas (intoxicating drug)	Manual plucking out	Religious purpose	Not reported	Locals
Plant	<i>Carduus nutans</i>	Kond posh	Every crop	-do-	Forest/ Lowland	Rare	Plenty	-	Manual plucking out		Not reported	Locals
Plant	<i>Utrica dioica</i>	Soi	Every crop	-do-	Forest/ Lowland	Plenty	Plenty	-	Pesticide spraying/ plucking out		Not reported	Locals
Plant	<i>Matricaria chamomilla</i>	Chamomile	Every crop	-do-	Forest/ Lowland	Plenty	Plenty	-	Pesticide spraying/ plucking out		Not reported	Locals

Format 5: Pests of Crops

1	2	3	4	5	6	7	8	9	10
Host	Insect/ Animal	Scientific name	Local name	Habitat	Time / season of attack	Management mechanism	Associated TK	Other details	Community knowledge holder
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	-
Peach, plum	Insect	<i>Brachycaudus helichrysi</i>	Leaf- curling aphid	On host	May- October	Insecticide application	Damages the crop	Leaf defoliator	0
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/ 1915	Agriculture	Cattle rearing & 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 business, economically less privileged	NA

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		Leopard	Local inhabitants	Self management	Cultivation	Indigenous knowledge of local communities	---	---
						Apple	Black bear						
						Pear	Monkey						
						Ferns	Jackal						
						Champ	Wild goat						
						Anar	Fox						
						Akhroot	Wild cat						
						Quince	Rat						
						Rose	Mynah						
						Apricot	Snake						
						Heru	Pigeon						
						Mohru	House Sparrow						
						Kiker	Koel						
						Plum	Crow						
						Peach	Spider						
						Mushrooms	Butterfly						
						Marigold	Bee						
Kuth	Owl												
Daphne sp.	Mosquito												
Kumlaie	Eagle												
Phrast	Bulbul												

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

Format-9 : Waterscape.

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape Element type	Sub-type	Features and Approx	Ownership	General Flora	General Fauna	Major Sues	User Group	Management Practices	General uses	Associated TK	Other Detail	Community Accessed
Nallah		Dathoo nallah, tributary of river Chenab	Govt/ Panchayat	Mostly ferns, bryophytes and pteridophytes	Amphibians and insects	Drinking, washing and Irrigation	Local population	Occasional De-silting	Irrigation			Local population
	Guin											

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 trees, 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/ Sount	<i>Malus domestica</i>	Red delicious, Golden delicious, Ambri	Lowland valley / home gardens	Common	Common	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/ Choor	<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/ Nakh	<i>Pyrus communis</i>	Babugosha, Half red nakh	-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/ Doan	<i>Punica granatum</i>	Local	-do-	Plenty	Rare	Local preserved	Sept-Oct	Nutritious value	Provides more energy	Market/ own use	Locals
Grapes	Angoor	<i>Vitis vinifera</i>	Local / Hybrid	-do-	Rare	Rare	Local preserved	Aug-Sept	Nutritious value	Provides more energy	Market/ own use	Locals
Cucumber	Khira	<i>Curmis sativus</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market/ own use	Locals
Plum	Ore	<i>Prunus domestica</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market/ own use	Locals
Quince	Beehi	<i>Cydonia oblonga</i>	Local	-do-	Common	Common	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	Drub	<i>Cynodon dactylon</i>	MFP	Forest	Natural	Plenty	Rare	used as a laxative,coolant,expectorant, & as a brain & hert tonic used for all types of bleedings & skin troubles.	Whole plant			
Tree	Horse chest nut	<i>Aesculus hippocastanum</i>	B/L	Forest	Natural	Plenty	Rare	used for treatment of dysentery,bronchitis,hemorrhoids.	Leaves			
Herb	Vena	<i>Mentha longifolia</i>	MFP	Forest	Natural	Plenty	Endangered	Respraitory 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	Antisposmodic, chronic bronchitis	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	Respraitory tract congestion asthma ,sore throat	Flowers			
Herb	Suchal	<i>Malva neglecta</i>	MFP	Forest	Natural	Plenty	Rare	Astringent,demulcent,diuretic	Leaves,Floers,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 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, leave use for treatment of malaria, UTI	Bark,Leaves			
Herb	Hamesh-Bahar	<i>Calendula officinalis</i>	MFP	Forest	Natural	Plenty	Rare	Applied on skin disease, burns	Flower,leaf			
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	Rare	Treatment of fever, pain, asthma	Whole part			

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 of 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 have got ample knowledge with respect to identification of the species as well their common usage
Trees	Akhrot	<i>Juglans regia</i>	Temperate	Plenty	Common	Wild/homegrown	Firewood,medicine			
Trees	Kharshu	<i>Quercus spp</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood			
Trees	Bankhor	<i>Aesculus indica</i>	Temperate	Plenty	Common	Wild/homegrown	Firwood/Fodder			
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			

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 breed	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	Cow have hooves on there feet and can weight upto 400 pounds	Flock rearing	Rare	Plenty	Milk, Cow dung	Milk good for health	Yes	High milk production	Local/Nomads
Buffalo	Bhains	<i>Bubalus bubalis</i>	Local	Dark slab colour less	Domesticate	Plenty	Rare	Milk, Dung	Milk good for health	Yes	High milk production	Local/Nomads
Ox	Bael	<i>Bos taurus</i>	Local	For ploughing	Domesticate	Plenty	Rare	For ploughing	Use for ploughing	Yes	Use for ploughing	Local/Nomads
Dog	Kutta	<i>Canis familiaris</i>	Local	Pet	Pet	Plenty	Plenty	Guard, hunting dog	Nil	Nil	Nil	Local/Nomads
Cat	Billi	<i>Felis catus</i>	Local	Pet	Pet	Plenty	Plenty	Pest control	Nil	Nil	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	Nil	NA	Local/Nomads
Mule	Khacchar	<i>Equus mulus</i>	Local	Generally brown, grey or black in colour, 55 to 65 inches in height	Domestication	Common	Common	Used as draught and pack animal	Nil	Nil	Nil	Local/Nomads
Poultry	Kokad	<i>Gallus domesticus</i>	Desi/ Hybrid	Enriched meat flavour, high egg yield	Domestication/ Rearing	Common	Common	Egg/Meat	Nil	Nil	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	Nil	NA	Local/Nomads

Format 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/talao)	Local status		Uses	Associated TK	Commercial rearing	Other details	Community Know. Holders
						Past	Present					
NA	NA	NA	NA	NA	NA	NA	NA	NA	-	NA	NA	NA

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

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

WILD BIODIVERSITY.

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

1	2	3	4	5	6		7	8	9	10
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial/ own use	Part collected	Associated Tk	Other details
					Past	Present				
Herb	Rohan-hak/Pran/ Gogcheegma	<i>Allium carolinianum</i>	Grow Annually	Temperate/ Intermediate	Plenty	Plenty	Commercial and own use	Bulbs, Leaves, Flowers		
Shurb	Dhatura	<i>Datura stramonium</i>	MFP	Temperate/ Intermediate	Plenty	Plenty	Commercial and own use	Seeds		
Herb	Gokhru	<i>Tribulus terrestris</i>	MFP	Temperate/ Intermediate	Plenty	Plenty	Commercial and own use	Leaves & Flowers		
Shurb	Seski (murin)	<i>Artemisia brevifolia</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves		
Herb	Surajan-e-talakh	<i>Colchicum luteum</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Corms		
	Ravend-Chini (Pambchalan)	<i>Rheum australe</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Roots, Rhizomes		
Herb	Handh	<i>Taraxacum officinale</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves		
Shurb	Kasrore	<i>Diplazium esculentum</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves		
Herb	Rumkath, Budarkath, Bantambaku (Gidar Tambakoo)	<i>Verbascum thapsus</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves		
Tree	Khareu	<i>Ilex dipyrena</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Flower, Leaf & Fruit		
Herb	Kasnil Hand	<i>Cichorium intybus</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Flowers		
Herb	Pambechalan/chukri	<i>Rheum emodi</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Roots		
Herb	Gentheer	<i>Adiantum capillus-veneris</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves		
Herb	Deela	<i>Cyperus rotundus</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Rhizomes,Roots		

Herb	Drub	<i>Cynodon dactylon</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole plant
Herb	Chuku	<i>Oxalis corniculata</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole plant
Tree	Horse chest nut	<i>Aesculus hippocastanum</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves
Herb	Ban Tambaku	<i>Verbascum thapsus</i>	MFP	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Leaves
Herb	Jungli pudina	<i>Mentha arvensis</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves
Herb	Vena	<i>Mentha longifolia</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves
Herb	Kal viuth	<i>Prunella vulgaris</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves
Shrub	Anar	<i>Punica granatum</i>	MFP	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Whole plant
Herb	Wild Strawberry	<i>Fragaria nubicola</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Fruit
Tree	Haadi	<i>Prunus armeniaca</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole plant
Herb	Sornai, morning glory	<i>Ipomaea purpurea</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Seeds
Herb		<i>Cannabis sativa</i>	MFP	Temperate/ Intermediate	Abundant	Plenty	Commercial and own use	Whole Plant
Herb		<i>Viola canescens</i>	MFP	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Leaf,Flower
Herb		<i>Viola indica</i>	MFP	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Flowers
Herb	Suchal	<i>Malva neglecta</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves,Floers,Root
Herb		<i>Geranium polyanthes</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Flower
Herb	Gugchuk, Ringrash	<i>Geranium pretense</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Root
Herb		<i>Trifolium fragiferum</i>	MFP	Temperate/ Intermediate	Abundant	Plenty	Commercial and own use	Flowers,Leaves
Herb	White clover	<i>Trifolium repens</i>	MFP	Temperate/ Intermediate	Abundant	Plenty	Commercial and own use	Flowers,Leaves
Herb		<i>Trigonella emodi</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Stem ,Leaves

Herb		<i>Vicia sativa</i>	MFP	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Seed
Herb		<i>Vicia sepium</i>	MFP	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Rhizomes,Leaves
Tree	Fog, feku	<i>Ficus palmata</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Fruit
Tree	Akhroot	<i>Juglans regia</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves,Fruit,
Tree		<i>Alnus nepalensis</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Wood,Leaves,Roots
Tree	Champ	<i>Alnus nitida</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Bark
Tree		<i>Quercus baloot</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	seeds
Tree		<i>Populus alba</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Stem,Bark
Tree		<i>Populus ciliata</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole Plant
Shrub	Willow	<i>Salix alba</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Stem
Shrub	Kareel- kaimbal, khumlai	<i>Berberis aristata</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Root,Stem,Leaves
Shrub	Kaimal/Daruhaladi	<i>Berberis lycium</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Roots ,Stem,Bark
Herbs		<i>Artemisia scoparia</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Flowers, Stem, Seeds
Herbs		<i>Artemisia gmelini</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaf, Stem
Herbs	Mooiin	<i>Artemisia maritima</i>	MFP	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Leraves, Flowering
Herbs		<i>Cirsium arvense</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Root
Herbs		<i>Cirsium falconeri</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole Plant
Herbs		<i>Anagallis arvensis</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole Plant
Herbs		<i>Primula rosea</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Flower,Leaves
Tree	Kahu	<i>Olea cuspidata</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Bark,Leaves

Shrub		<i>Buddleja paniculata</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves
Grass	Congress grass /Jadi	<i>Parthenium hysterophorus</i>	MFP	Temperate/ Intermediate	Absent	Plenty	Commercial and own use	Weed
Tree	Trikanni	<i>Acer pictum</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole plant
Tree	Bankhoor	<i>Aesculus indica</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves,Flowers
Herb	Hamesh-Bahar	<i>Calendula officinalis</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Flower,leaf
Herb	Banafsha	<i>Viola odorata</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Flower
Fungi	Gucchi	<i>Morchella esculenta</i>	MFP	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Whole part
Fungi		<i>Agaricus campestris</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole part
Fungi		<i>Agaricus macrocarpus</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole part
Herb		<i>Amaranthus viridis</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole part
Herb		<i>Allium humile</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Bulbs
Herb	Khoree	<i>Aralia cachemirica</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole part
Herb		<i>Begonia rubella</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole part
Herb		<i>Alliaria petiolata</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole part
Herb		<i>Artemisia dubia</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves
Herb		<i>Artemisia vestita</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves
Herb	Sunflower	<i>Helianthus annuus</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaf, Seed
Tree		<i>Quercus baloot</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole part
Tree		<i>Quercus semecarpifolia</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole part
Herb		<i>Ranunculus distans</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves

Herb		<i>Ranunculus hirtellus</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves, Flowers
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11
Community Knowledge Holder

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Format-19 : Wild Plant Species of Importance.

1	2	3	4	5	6
S. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Akhrot	<i>Juglans regia</i>	Wild	Economic & Social	Do exist
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	Mooiin	<i>Artemisia meritima</i>	Wild	Economic & Social	Do exist
13	Socchal	<i>Malva neglecta</i>	Wild	Economic & Social	Do exist
19	Plum	<i>Prunus persica</i>	Wild	Economic & Social	Do exist
21	Jangli angoor	<i>Vitis vinefera</i>	Wild	Economic & Social	Do exist
24	Ban tambaku	<i>Verbascum thapsus</i>	Wild	Economic & Social	Do exist
25	Banafsha	<i>Viola odorata</i>	Wild	Economic & Social	Do exist
28	Bhang	<i>Cannabis sativa</i>	Wild	Economic & Social	Do exist
37	Feku	<i>Ficus palmata</i>	Wild	Economic & Social	Do exist
41	Hamesh bahar	<i>Calendula officinalis</i>	Wild	Economic, Social & Religious	Do exist
42	Handh	<i>Taraxacum officinale</i>	Wild	Economic & Social	Do exist
52	Kim	<i>Morina longifolia</i>	Wild	Economic & Social	Do exist
111	Kasrore	<i>Diplazium esculentum</i>	Wild	Economic	Do exist
112	Kundiya/ Kundi	<i>Peziza violacea</i>	Wild	Economic	Rare

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>	Common	Long very powerful back led and web feet	Ponds/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>	Local	Rapid growing perennial plant	Found in watery places	Plenty	Plenty	As vegetable	Oldest known leafy vegetable consumed by humans.	Its high content of Vitamin C makes it a good remedy to treat various chronic illnesses.	Locals
Maiden hair (Ghvtheer)	<i>Adiantum caudatum</i>	-	It is a perennial fern producing fronds	Found in semi-shaded areas	Plenty	Plenty	As an ornamental and medicinal plant	Fronds are said to be antiasthmatic and antispasmodic.	It is used in the treatment of chest infection, cough, diabetes, fever and skin diseases.	Locals

Format-21 : Wild Aquatic Plant Species of Importance.

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

Format-22 : Wild Plants of Medicinal Importance.

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape/Habitat	Local status		Associated TK	Uses (usage)	Part used	Other details market/ own use	Community Knowledge Holder
					Past	Present					
Herb	Kanees	<i>Dioscorea deltoidea</i>	Wild	Temperate/ low lands to high altitudes	Abundant	Rare	Local having good knowledge with respect to identification of the species and their uses.	Rhematoid	Roots	Own use	Zamindars living in the vicinity of the forest are well versed with the medicinal uses of NTFPs found in the forest
	Handh	<i>Taraxacum officinale</i>	Wild					Anti rheumatic	Leaves / roots	Own use	
	Bunafsha	<i>Viola serpens</i>	Wild/homegrow					Cough/cold treatment	Flowers	Commercial/ own use	
	Saunf	<i>Foeniculum vulgare</i>	Wild/homegrow					Used as a remedy for constipation. Also used as a flavouring agent.	Seeds	Commercial/ own use	
	Soi	<i>Urtica dioica</i>	Wild					To heal cuts/ wounds	Roots	Own use	
	Sheshak	<i>Rabdosia rugosa</i>	Wild					Remedy of helminthiosis, in live stocks	Leaves	Own use	
	Neel Kanth	<i>Ajuga bracteosa</i>	Wild					Malarial fever/Gastric problem	Leaves	Market/ Own use	
	Pudina	<i>Mentha longifolia</i>	Wild					Cooling medicine	Leaves	Market/ Own use	
	Seski	<i>Artemisia absinthium</i>	Wild					used to treat stomach problems in infants and adults	Leaves	Market/ Own use	
	Khor/Doon/Choor	<i>Juglanas regia</i>	Wild/homegrow					To treat toothache	Leaves, bark, pericarp	Market/ Own use	
Tree	Beri	<i>Zizyphus oxyphylla</i>	Wild	used to treat diabetes, fever, dysentery, as well as blood & skin diseases	Fruit	Own use					
	Gugu	<i>Asculus indica</i>	Wild	To treat rheumatism	Seeds	Market/ Own use					
	Feku	<i>Ficus palmata</i>	Wild	To treat skin diseases	Latex fruit	Market/ Own use					

Shrub

Khumlai	<i>Berberis aristata</i>	Wild
Datura	<i>Datura stramonium</i>	Wild
Bhang	<i>Cannabis sativa</i>	Wild
Anardana	<i>Punica granatum</i>	Wild/ homegrow

As laxative. Also used as a natural fencing.	Roots	Market/ Own use
To treat headache, joint pain	Seeds	Own use
Narcotic	Seeds/ leaves	Market/ Own use
To treat jaundice and as an appetite enhancer	Seeds	Market/ Own use

Format 23: Wild relatives of Crops

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

Format 24: 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>	Local /wild	Temperate/ terrestrial	Commercial	Provides scenery/beauty to the area	Used in fruit packing industries	Locals
Gulab	<i>Rosa indica</i>	Local /wild	Temperate/ terrestrial	Non-commercial	Ornamental	Religious	Locals
Shrub	Kikar	<i>Robinia pseudoacacia</i>	Temperate/ terrestrial	Non-commercial	Ornamental	Timber, Fodder, Fuel	Locals

Format-25 : Fumigant/ 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	Sonf/Bodiyana	<i>Foeniculum vulgare</i>	Herbaceous, perennial	Temperate	Plenty	Rare	Mouth freshner, spices	Seeds	Inhabitants have got knowledge w.r.t identification /common use of species	Bonafide purpose
	Jungli pudina	<i>Mentha longifolia</i>	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		
	Bantambaku	<i>Verbascum thapsus</i>	Herbaceous plant	Temperate	Plenty	Rare	Narcotic	Leaves		
Shrub	Bhang	<i>Cannabis sativa</i>	Local	Temperate	Plenty	Plenty	Do	leaves		
Tree	Khor/Dun	<i>Juglanas regia</i>	Local	Temperate	Plenty	Plenty	Teeth cleaning, toothache	Leaves, bark		

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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				
	Kiker	<i>Robinia pseudoacacia</i>	Plenty	Common	Source of fodder and timber		Fuel wood, fodder	Inhabitants of the area.
	Khor/Dun	<i>Juglans regia</i>	Plenty	Common	Used to treat toothache		Firewood,medicine	
	Phrast	<i>Populus alba</i>	Plenty	Common			Firewood,Fodder	
	Champ	<i>Alnus nitida</i>	Plenty	Common			Firewood,fodder	
	Kharshu	<i>Quercus semecarpifolia</i>	Plenty	Common			Firwood	

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

1	2	3	4	5	6	7		8	9	10	11	12
Animal Type	Local Name	Scientific Name	Habitat	Description	Session when seen	Local status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community Knowledge Holder
						Past	Present					
Mammal	Chetah/ Leopard	<i>Panthera pardus</i>	High altitude	Fur with dark rosettes	Both summer/ winter	Plenty	Rare					
	Jackal/ Gidur	<i>Cains aureus</i>	Around habitation	Nocturnal	winter	Plenty	Rare					
	Reech/ Bhalu	<i>Ursus americames</i>	High altitude	Omnivore	winter	Plenty	Rare					
	Kashmir grey langur	<i>Semnopithecus ajas</i>	Around habitation		Throughout the year							
	Small Indian Mongoose	<i>Herpestes auropunctatus</i>	High altitude		Throughout the year							
	Monkey	<i>Rhesus macaque</i>	Around Habitation	Social	Throughout the year	Plenty	Rare					
Rodents	Chuha	<i>Mus booduga</i>	Fileds	Small in size	Throughout the year	Plenty	Common					
	Gagud	<i>Rattus rattus</i>	Houses	Grey colour, large size	Throughout the year	Plenty	Plenty					
	Een/ Flying squirrel	<i>Eoglaucmys fimbriatus</i>	Around Habitation	Nocturnal, Greyish Black in colour with a furry tail	Throughout the year							
	Porcupine/ Shale	<i>Hystrix indica</i>	Temperate	Black and white in colour with long, sharp spikes on posterior side	Throughout the year	Plenty	Common					
Reptiles	Saanp	<i>Lycodon Mackinnoni</i>	Rocky Hills	Limbless, carnivore with mobile jaw	Throughout the year	Plenty	Common					
	Himalayan pit viper	<i>Agkistrodon himalayanus</i>	Rocky Hills	Limbless, carnivore with mobile jaw	Summer	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
Birds	Chidya	<i>Passer domestica</i>	Around habitation	Feeds on seeds, weeds, grain	Throughout the year	Plenty	Common
	Kabutar	<i>Columba livia</i>	Around habitation	Feed on seeds, weeds, grain	Throughout the year	Plenty	Common
	Koel	<i>Eudynamys scolopaceus</i>	Around habitation	Feeds on seeds , weeds, grain	Throughout the year	Plenty	Common
	Bulbul	<i>Pycnonotus leucogenys</i>	Migatory	Omniovore	Summers	Common	Common
	Shaar	<i>Acridotheres tristis</i>	Around habitation	Omnivore	Throughout the year	Plenty	Common
	Tota	<i>Psittacula himalayana</i>	Migratory	Feeds on seeds , weeds, grain	Throughout the year		
	Kaav	<i>Corvus corax</i>	Around habitation	Feeds on seeds , weeds, grain	Throughout the year	Plenty	Common
	Cheel	<i>Milvus migrans</i>	Around habitation	Carvinore	Throughout the year	Plenty	Common
	Chakor	<i>Alectoris chukar</i>	Low lands		Throughout the year	Abundant	Rare
Amphibian	Frog	<i>Rana tigrina</i>	Ponds, lakes	Omnivore	Summer	Abundant	Common
	Bichoo	<i>Typhlochactas mitchelli</i>	Moist low land		Summer	Abundant	Common
	Cabbage butterfly	<i>Pieris brassicae</i>	Low lands	Farms and vegetable gardens	Summer	Abundant	Abundant
	Tili	<i>Rhopalocera</i>	Low lands	feeds on flowers nectar	Summer	Abundant	Common

Necessary for maintenance of Ecological balance

Prohibited

Locals having good knowledge with respect to their identification

Insects	Cockroach	<i>Periplaneta americana</i>	Around Habitation	Food, waste material	Summer	Rare	Common				
	Dragonfly/ jahaz	<i>Orthetrum triangulre</i>	Near waterbodies	Bluish and black in colour	Summer	Common	Common				
	Bed bug	<i>Cimex lectularius</i>	Temperate region, mostly on animlas	Light brown in colour, flat oval	Summer	Common	Common				
Annelids	Makhi	<i>Musca domestica</i>	Cosmopolitan, nuissance pest	Small, black in colour with hairy body	Summer	Common	Plenty				
	Machar	<i>Culex spp.</i>	Temperate region	Small light coloured	Summer	Common	Common				
	Earthworm	<i>Pheritema posthuma</i>	Temperate region	Slender, segmented body.	Summer	Common	Common				
	Leech	<i>Hirudo medicinalis</i>	Temperate region	Soft, segmented body	Summer	Common	Common				

Format-29 : Flora.

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

Separate format should be used for road side plantation/ Parks and Gardens/ Housing estate/ Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat.

Format-30 : Fauna.

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

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

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

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

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

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

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

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

Note: Separate format should be used for road side plantation habitat/ Parks and Gardens/ Housing estate/ Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat.

	AS	Alpine Scrub			
	RO	Rockey Outcrops			
	AE	Ariel Edges			

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

Format-31 : Any other information of local importance.

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