

Biodiversity Register (PBR): General Details

Name of the Panchayat Samity: Pochhal- B2

Taluk: Kishtwar

District: Kishtwar

UT: Jammu & Kashmir

Geographical Area of the Panchayat Samity: 400 hact.

Population under the Panchayat Samity: Total 2000

Male: 1020 Female: 980

Habitat and Topography: Hilly terrain

Climate (Rainfall, Temperature and other weather patterns) Land Use (Nine fold classification available with village records) Irrigated area : Nil

Management Regime: Reserve Forests (RF) / Joint Forest Management (JFM) / Protected Areas (PA) / Community Owned and Managed Forests (COM)

End of Part Ist

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: Gh. Hussain
Age: 60
Gender: Male
Address: Pochhal
Area of specialization: Zamindar
2) Name: Shaista Begum
Age: 32
Gender: Female
Address: Pochhal
Area of specialization: Housewife
3)Name: Shabnam Begum
Age: 35
Gender: Female
Address: Pochhal
Area of specialization: Housewife
4)Name: Rajinder Kumar
Age: 50
Gender: Male
Address: Pochhal
Area of specialization: Zamindar
5)Name: Akhter Hussain
Age: 41
Gender: Male
Address: Pochhal
Area of specialization: Zamindar

6)Name: Imtiyaz Ahmad
Age: 30
Gender: Male
Address: Pochhal
Area of specialization: Zamindar

7)Name: Mohd. Ibrahim
Age: 50
Gender: Male
Address: Pochhal
Area of specialization: Zamindar

Annexure 2

List of <i>Vaids, hakims</i> and traditional health care (human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village
Name:
Age:
Gender:
Address:
Area of Specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status: Medicinal use:
Name:
Age:
Gender:
Address:
Area of Specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status: Medicinal use:
Name:
Age:
Gender:
Address:
Area of Specialization:
Location from which the person accesses biological material:
Perception of the practitioner on the resource status: Medicinal use:

Annexure 3

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

Name:

Age:

Gender:

Address:

Area of specialization:

Name:

Age:

Gender:

Address:

Area of specialization:

Name:

Age:

Gender:

Address:

Area of specialization :

Name:

Age:

Gender:

Address:

Area of specialization

Annexure 4

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

1) Contact: 9622275265

Name: Nazir Ahmed Sheikh, Forest Department

2) Contact : 9797554825

Name and Occupation: Farooq Ahmad, Teacher

3) Contact : 9018635876

Name and Occupation: Hajra Begum, Forest Department

Annexure 5

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 their sharing					
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
	NIL	NIL	NIL	NIL	NIL

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	Local/ Hybrid	Temperate conditions		Plenty	Rare	Tall, high yield variety resistant to drought, pests & diseases	Aug-Sept	Food, Fodder	Provides more energy	Not-known	Local preserved	Locals and Deptt. Of Agriculture
Wheat	<i>Triticum aestivum</i>	Gundam	Local	Temperate conditions	56.7	Plenty	Plenty	-do-	May-June	Food Fodder	Provides more energy	Not-known	Local preserved / Agriculture Deptt.	Locals & Deptt. Of Agriculture
Beans	<i>Phaseolus vulgaris</i>	Rajmash	Local	Temperate conditions	25.2	Plenty	Plenty	Resistant to drought, pests & diseases	Sept-Oct	Food Fodder	Provides more energy	Not-known	Local preserved	Locals & Deptt. Of Agriculture
Maize	<i>Zea mays</i>	Makki	Local	Temperate conditions	15.25	Plenty	Plenty	-do-	Sept-Oct	Food Fodder	Provides more energy	Not-known	Local preserved	Locals & Deptt. Of Agriculture
Saffron	<i>Crocus sativus</i>	Kung, kesar	Local	Temperate conditions	5 hac	Plenty	Plenty		April- May	Spice, cosmetic & medicinal use	Added to milk as an aphrodisiac	Religious purpose	Local preserved	Locals & Deptt. Of Agriculture
Cucumber	<i>Cucumis sativus</i>	Khira	Local / Hybrid	Temperate conditions					NA					
Radish	<i>Raphanus sativus</i>	Mooli	Local	Temperate conditions	NA	Plenty	Plenty	NA	2-3 crops in a year	Eaten raw as salad or cooked as a vegetable, also used as pickle	Juice of leaves a good remedy for jaundice	Round or elongated in shape, white colored	Local preserved/ shops	Locals & Deptt. Of Agriculture

Tomato	<i>Lycopersicum esculentum</i>	Tamatar	Local / Hybrid	Temperate conditions	NA	Plenty	Plenty	NA	July-Sept	as vegetable and jam	Rich in vitamin C and Lycopene	Plant small, branched, fruits of varied taste, colour and shape based on the variety planted	Local preserved / shops	Locals & Deptt. Of Agriculture
Kholrabi	<i>Brassica oleracea</i>	Kadam, monj	Local	Temperate conditions	NA	Plenty	Plenty	High yield production	Twice in a year	Leaves and stem relished as vegetable and pickle.	One of the most commonly cooked vegetables	Higly nutritious	Local preserved / Agriculture Deptt./ shops	Locals & Deptt. Of Agriculture
Bottle gourd	<i>Lagenaria siceraria</i>	Ghiya	Local/ Hybrid	Temperate conditions	NA	Plenty	Plenty	High yield production	May- Aug	As vegetable	Good for health	Dried by the local people for winters.	Local preserved / Agriculture Deptt./ shops	Locals & Deptt. Of Agriculture
Green Chilly	<i>Capsicum annum</i>		Mirchi	Local/ Hybrid	Temperate conditions	NA	Plenty	Plenty	High yield production		May- Aug	As vegetable	Improve immune system	Green and red in colour. Used in cooking and also eaten raw
Lentil	<i>Lens culinaris</i>	Masoor	Local	Lowland valleys	NA	Plenty	Plenty	Resistant to drought, pests & diseases	April- May	Food, Fodder	Good for liver and kidneys	Eaten raw also	Local preserved	Locals

Format 2: Fruit Plants

1	2	3	4	5	6		7	8	9	10	11	12
Plant	Scientific Name	Local Name	Variety	Landscape / Habitat	Local Status		Source of Seeds/Plants	Season of Fruiting (Repining)	Associated TK	Uses	Other details market/ ownuse	Community / Knowledge holder
					Past	Present						
Apple	<i>Malus domestica</i>	Saib	Red delicious, Golden delicious, Ambri	Lowland valley / home gardens	Plenty	Plenty	Local preserved / Horticulture Deptt./ Pvt. Nursery	June- 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	May- 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.	July- Sept	Reduces prostate cancer and diabetes	Nutritious value	Market / own use	Locals & Deptt. Of Horticulture
Pear	<i>Pyrus communis</i>	Tang	Babugosha, Alle tang, Dud tang, Konternal, Tanchi, Wut, Kyuth, Nakh tang	-do-	Plenty	Plenty	Local preserved / grafting	July- 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	May- July	Provides more energy	Nutritious value	Market / own use	Locals & Deptt. Of Horticulture
Pomegranate	<i>Punica granatum</i>	Anardana	Local / Hybrid	-do-	Plenty	Wild Rare/ Hybrid plenty	Local preserved	Sept-Oct	Rich source of iron, good for digestion	As fruit, juice and as chutney	Market / own use	Locals & Deptt. Of Horticulture
Grapes	<i>Vitis vinifera</i>	Angoor	Local / Hybrid	-do-	Common	Common	Local preserved	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals & Deptt. Of Horticulture
Plum	<i>Prunus domestica</i>	Alu Bukhara	Santa Rosa / Local	Agriculture land	Rare	Common	Local preserved / Seed shops	June-Sept	Nutritious value	Reducing cholesterol, lowering blood sugar level	Market / own use	Locals & Deptt. Of Horticulture
Quince	<i>Cydonia oblonga</i>	Beehi	Local	-do-	Plenty	Common	Local preserved	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals & Deptt. Of Horticulture
Cherry	<i>Prunus avium</i>	cherry	Hybrid	-do-	Rare	Common	Horticulture Deptt.	June- July	Nutritious value	Provides more energy	Own Use	Locals & Deptt. Of Horticulture

Format 3: Fodder Crops /Species

1	2	3	4	5		6	7	8	9	10
Plant	Scientific Name	Local Name	Landscape / Habitat	Local Status		Source of Plants / Seeds	Associated TK	Part Used	Other details	Community / Knowledge holder
				Past	Present					
Oat	<i>Avena sativa</i>	Lawn	Lowland valleys	Rare	Plenty	Local preserved / Agriculture Deptt.	Green & dry plant used as fodder for the livestock	Whole plant	Fodder for livestock	Locals
Robenia	<i>Robinia pseudoacacia</i>	Kikar	Lowland / Forest	Plenty	Common	Natural propagation / Artificial regeneration	-do-	Green Leaves	Also a good soil binder plant	Locals
Ailanthus	<i>Ailanthus altissima</i>	Fak kul	Lowland / Forest	Plenty	Plenty	Natural propagation	-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
Willow	<i>Salix alba</i>	Ier kul	Lowland / Forest	Plenty	Plenty	Natural propagation / Artificial regeneration	-do-	Green Leaves	Also used as fuel wood	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
Narrow leaf plantain	<i>Plantago lanceolata</i>	Plantain	Temperate	Plenty	Plenty	Natural propagation	Provides a mineral rich forage to the animals	Leaves	NA	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>	Sitti	Wheat	Completed crop for nature water etc	Temperate and intermediate	Plenty	Plenty	-	Hand wedding and chemical control			
Grass	<i>Cynodon dactylon</i>	Dhrub	Every crop	Less growth of affected crop	Temperate	Plenty	Plenty	Fodder grass	Manual plucking out	Religious purpose	Not reported	Locals
Grass	<i>Anagallis arvensis</i>	Grass	Maize	-do-	Lowland	Plenty	Common	None	Manual plucking out	NA	Not reported	Locals
Shrub	<i>Malva sylvestris</i>	Sotsal	Vegetables	-do-	Lowland	Plenty	Plenty	Used as vegetable and fodder	Manual plucking out	Medicinal use	Not reported	Locals
Herb	<i>Cannabis sativa</i>	Bhang	Every crop	-do-	Temperate	Plenty	Plenty	Making Charas (intoxicating drug)	Manual plucking out	Religious purpose	Not reported	Locals
Herb	<i>Carduus nutans</i>	Kond posh	Every crop	-do-	Temperate	Plenty	Plenty	None	Manual plucking out	NA	Not reported	Locals
Herb	<i>Anthemis cotula</i>	Stinking chamomile	Every crop	-do-	Temperate	Plenty	Plenty	None	Manual plucking out	Medicinal use	Exotic species	Locals
Herb	<i>Plantago lanceolata</i>	Plantain	Every crop	-do-	Temperate/low land	Plenty	Plenty	As fodder	Manual plucking out	NA	Exotic species	Locals
Herb	<i>Ipomaea purpurea</i>	Sornai, morning glory	Every crop	-do-	Temperate/low land	Plenty	Plenty	As fodder	Manual plucking out	NA	Not reported	Locals

Herb	<i>Amaranthus viridis</i>	Cholai	Rice, Maize	-do-	temperate/ Field	Plenty	Plenty	Eaten as a vegetable	Pesticide spraying / plucking out	Rich source of proteins and amino acids	Not reported	Locals
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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
Paddy	Stem borer	<i>Scirpophaga incertulas</i>	Dhan	Paddy fields	August and September	Chemical management through insecticides	-	Not known	Farmers, Locals and Deptt. Of Horticulture and Ariculture
Paddy	Rice hopper	<i>Hieroglyphus banyan</i>	Tidda	Paddy fields	June – September	Chemical management through insecticides	Destroys the plant	Not known	
Maize	Insect	<i>Helicoverpa zea</i>	Corn earworm, true wire worm	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>Odontoter misobesus</i>	Termites	Farm fields	Ripening period	Insecticide application	Damages the food grain	Not known	
Kadam, cabbage	Insect	<i>Pieris brassicae</i>	Pediyan/ White cabbage butterfly	Farm fields	May- Sept	Insecticide application	Damages plant and reduces the 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
Apple, Peach, Pear	Insect	<i>Quadraspidiotus perniciosus</i>	San jose scale	On host plant	May- October	Insecticide application	Damages the plant and crop	Scale insect
Saffron	Animal	<i>Rattus norvegicus</i>	Gagud	Farm fields	OCT -NOV	Rodenticide	Eats the bulb	Damages the crop
Saffron	Animal	<i>Hystrix indica</i>	Porcupine/ Shale	Farm fields	OCT -NOV	Manual	Eats the bulb	Feeds aggressively on <i>Crocus</i> bulbs thus, damaging the crop and the seeds for next season

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community & Population	Families & Major occupation	Sub- occupation	Depending Landscape	Major resources accessed and seasons of access	Landscape management practices	Resource management practices	Cast/ tribe	Social condition	Nature of inhabitants	No. of HHs
General, Schedule tribe and Schedule 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 less privileged	Most of them do own jobs, economically less privileged	

Format 8: Landscape

1			2	3	4	5	6	7	11	12
Major Landscapes			Sub - Landscapes	Feature s and approx. area	Ownership	General flora	General fauna	User groups	Other details	Community accessed
Agricultural land	Pond	Fallow land								
Cultivated land	NA	NA	Cultivated land		Agricultural lands are privately owned	Domestic plants and some wild plants	Insect	Panchayat villages	Unknown	Low income communities
Non-cultivated land	NA	NA	Non-cultivated land		Govt./ Private land	-do-	Insect	-do-	-do-	-do-
Irrigated Land	NA	NA	irrigated land		Private land	do	amphibianand insects	do	do	do
Forest Land	NA	NA	Forest land		Forest Deptt	wild plan t	wild animal	do	do	all communitis
Grzing land	NA	NA	Grzing land		Forest Deptt	wild plan t	wild animal	Locals and Bakarwals	do	Low income communities
						Deodar	Cow			
						Kail	Mule			
						Kholrabi	Bee			
						Grasses	Jackal			
						Champ	Dog			
						Anar	Fox			

Cultivated	Nil	Non-cultivated	Mountainous	NA	Govt. & privately owned	Akhroot	Cats	Local Inhabitants	NA	Locals & Govt.
						Chinar	Rat			
						Fig	Lizard			
						Apricot	Snake			
						Hiroo	Pigeon			
						Mohru	House sparrow			
						Kiker	Mosquito			
						Dandelion	Crow			
						Banafsha	Spider			
						Brun	Butterflies			
						Fak kul	Owl			
						Kumlaie	Dragonflies			
						Kesar	Bulbul			

Format 9: Waterscape

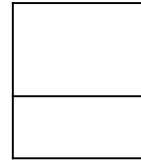
1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub- type	Features and approx area	Ownership	General flora	General fauna	Major uses	User groups	Management practices	General uses	Associated TK	Other details	Community accessed
Spring	Nil	Khundali	Govt./ Panchayat	Mostly ferns, bryophytes and pteridophytes	Amphibians and insects	Irrigation	Local population	De-silting/ Nallah bunding	Irrigation, drinking, washing			Local Population

Format 11: Fruit Trees

DOMESTICATED BIODIVERSITY

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						
Tree	Saib/ Apple	<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
Tree	Khubani/ Apricot	<i>Prunus armeniaca</i>	Safeda, Qadri	-do-	Plenty	Rare	Local preserved / grafting	June-July	Nutritious value	Cures heart diseases	Market / own use	Locals
Tree	Akhroot/ Walnut	<i>Juglans regia</i>	Local	Lowland valley / Agricultural land	Plenty	Plenty	Local preserved / Horticulture Deptt.	Aug-Sept	Nutritious value	Reduces prostrate cancer and diabetes	Market / own use	Locals
Tree	Tang/ Pear	<i>Pyrus communis</i>	Babugosha, Alle tang, Dud tang, Konternal, Tanchi, Wut, Kyuth, Nakh tang	-do-	Plenty	Plenty	Local preserved / grafting	Aug-Sept	Nutritious value	Uses for mild digestion problems, diarrhea, severe cholera	Market / own use	Locals
Tree	Aadu/ Peach	<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
Tree	Anardana/ Pomegranate	<i>Punica granatum</i>	Local / Hybrid	-do-	Plenty	Wild Rare/ Hybrid plenty	Local preserved	Sept-Oct	Nutritious value	Provides more energy	Market / own use	Locals
Climber	Angoor/ Grapes	<i>Vitis vinifera</i>	Local / Hybrid	-do-	Common	Common	Local preserved	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals

Tree	Aloo bukhara/ Plum	<i>Prunus domestica</i>	Local / Hybrid	-do-	Plenty	Plenty	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
Tree	Beehi/ Quince	<i>Cydonia oblonga</i>	Local	-do-	Plenty	Common	Local preserved / Seed shops	Aug-Sept	Nutritious value	Provides more energy	Market / own use	Locals
Tree	<i>Cherry</i>	<i>Prunus avium</i>	Hybrid	-do-	Rare	Common	Deptt. Of Horticulture	June- July	Nutritious value	Provides more energy	Own use	Locals & Deptt. Of Horticulture
Tree	<i>Nimbu</i>	<i>Citrus limon</i>	Local	-do-	Common	Common	Horticulture Deptt.	June- July	Nutritious value	Rich source of Vitamin C	Own Use	Locals & Deptt. Of Horticulture



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	Local status		Uses (usage)	Part used	Associated TK	Other details market/own use	Community/ Know. Holders
						Past	Present					
Herb	Lahsun, thom	<i>Allium sativum</i>	Local	Temperate	Local preserved/ shops	Common	Common	Used as spice, pickle, medicine	Whole plant	Good for diabetics, digestion	Market and own use	Locals
Climber	Kaakid, kheera	<i>Cucumis sativus</i>	Local/ hybrid	Temperate	Local preserved/ shops	Plenty	Plenty	Eaten raw as a salad	Fruit	Blemished skin, heart rash, burns, sores	Market and own use	Locals
Climber	All, kaddu	<i>Cucurbita pepo</i>	Local/ hybrid	Temperate	Local preserved/ shops	Plenty	Plenty	Cooked as a vegetable	Whole part	Anti- inflammatory, anti- ulcer	Market and own use	Locals
Herb	Green Chilly	<i>Capsicum annuum</i>	Local/ hybrid	Temperate	Local preserved/ shops	Plenty	Plenty	As spice	Fruit	Improves immune system	Market and own use	Locals
Herb	Ganda	<i>Allium cepa</i>	Local	Temperate	Local preserved/ shops	Plenty	Common	As vegetable, spice and as salad	Bulb, Leaves	Anti inflammatory, antiseptic	Market and own use	Locals
Shrub	Anar	<i>Punica granatum</i>	Local/ hybrid	Temperate	Local preserved	Plenty	Rare	As fruit, juice and as chutney	Fruit, leaves	Treatment of cancer, osteo- arthritic, appetizer	Market and own use	Locals
Tree	Haadi	<i>Prunus armeniaca</i>	Local	Temperate	Local preserved	Plenty	Common	Used raw and dried	Fruit	Antispasmodic, chronic bronchitis	Market and own use	Locals
Herb	Banafsha	<i>Viola odorata</i>	Wild	Temperate	Natural propagation	Plenty	Rare	Flowers used as a concoction	Flower	Throat problem, cold, cough	Market and own use	Locals

Herb	Suchal	<i>Malva neglecta</i>	Wild	Temperate	Natural propagation	Plenty	Plenty	Used as vegetable	Leaves, flowers	Astringent, demulcent, diuretic	Market and own use	Locals
Tree	Fog, feku	<i>Ficus palmata</i>	Wild	Temperate	Natural propagation	Plenty	Common		Used a fruit and dry fruit	Fruit	Used for skin diseases, treatment of lungs & bladder diseases	Market and own use
Tree	Akhroot	<i>Juglans regia</i>	Local	Temperate	Local preserved	Plenty	Plenty	Used as highly nutritious dry fruit	Leaves, fruit	Leaves are used in treatment of chronic coughs, asthma	Market and own use	Locals
Herb	Dhaniya	<i>Coriandrum sativum</i>	Local/hybrid	Temperate	Local preserved/shops	Plenty	Plenty		Used a spice, mix and chutney	Leaves, Seeds	Measles, hemorrhoids, toothache & joint pain	Market and own use
Herb	Mooli	<i>Raphanus sativus</i>	Local/hybrid	Temperate	Local preserved/shops	Plenty	Plenty	Eaten raw as salad or cooked as a vegetable, also used as pickle	Leaves, root	To treat constipation & hypertension	Market and own use	Locals
Herb	Kesar, kung	<i>Crocus sativus</i>	Local	Temperate	Preserved by farmers	Plenty	Plenty	Used in tea, milk, and cooking	Stamen and pistil of the flower	Used as an anti-depressant, anti-inflammatory, aphrodisiac	Market and own use	Locals

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
Shrub	Gainda	<i>Tagetes erecta</i>	Local	Preserved seed	Non- commercial	Used for religious purpose	Provides beauty to the home garden	NA	Locals
Shrub	Gulab	<i>Rosa indica</i>	Local	From cuttings	Non- commercial	Used for religious purpose	Used to make gulkand- a remedy for gastric troubles and also used as a refreshing drink in summers	NA	Locals
Shrub	Dhaliya	<i>Dahlia pinnata</i>	Local	Rhizomes of flower plant	Non- commercial	Used for religious purpose	Provides beauty to the home garden	NA	Locals
Climber	Ivy	<i>Hedera helix</i>	NA	Cuttings	Non- commercial	Ornamental	Provides beauty to the home garden	NA	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					
Tree	Dair	<i>Cedrus deodara</i>	Forests	Plenty	Plenty	Wild/ homegrown	Cedrus oil is used as a treatment of piles, kidney stone and diabetes etc.	Provides durable timber, fuelwood and for religious purpose	Evergreen tree having a conic crown with level dropping branches like X-mass tree	Local zamindars/people have got ample knowledge with respect to the identification of the species as well their common usage
Tree	Kail	<i>Pinus wallichiana</i>	Forests	Plenty	Plenty	Wild	Timber and furniture	Provides durable timber & fuelwood	Evergreen tree native to the Himalayas	
Tree	Akhroot	<i>Juglans regia</i>	Private land / Forest	Plenty	Plenty	Wild / home garden	Furniture / agricultural implements	Walnut used as nutritious fruit. Its bark and leaves as well as the husk of seeds are used in different medicines and dyes	Large, deciduous tree	
Tree	Kikar	<i>Robinia pseudoacacia</i>	Temperate	Plenty	Common	Wild/ home garden	Fuel wood, fodder	Leaves used to relieve pains	Deciduous tree with a beautiful white inflorescence	

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/ Domestication	Plenty	Rare	Mutton and wool	Wool used to make blankets	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/ Domestication	Rare	Plenty	Mutton and wool	Wool used to make blankets	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Goat	Bakri	<i>Capra hircus</i>	Local	Small size low body weight	Flock rearing/ Domestication	Plenty	Rare	Mutton and wool	Milk good for health	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Goat	Bakri	<i>Capra hircus</i>	Kaghani, bakasooli	Large size high body weight	Flock rearing/ Domestication	Rare	Plenty	Mutton and wool	Milk good for health	Yes	Mutton, wool, manure, bones and hides	Local/Nomads
Cow	Gaay	<i>Bos taurus</i>	Local/ Desi/Jersey	Cows have hooves on there feet and can weight upto 400 pounds	Flock rearing/ Domestication	Plenty	Rare	Milk, Cow dung	Milk good for health	Yes	Milk, manure	Local/Nomads
Ox	Bael	<i>Bos taurus</i>	Local	For ploughing	Domestication	Plenty	Common	For ploughing	NA	Yes	Used for ploughing	Local/Nomads
Dog	Kutta	<i>Canis familiaris</i>	Local/ Bakerwal	Small to median height, white, brown black in colour	Domestication	Plenty	Plenty	Guard, hunting	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	Locals
Horse	Ghoda	<i>Equus caballus</i>	Local	Large strong animals, 60- 70 inches in height	Domestication/ Flock rearing	Common	Common	Used for 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 a 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

WILD BIODIVERSITY

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

1	2	3	4	5	6		7	8	9	10	11
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local status		Commercial / own use	Part collected	Associated TK	Other details	Community Knowledge Holder
					Past	Present					
Tree	Akhroot	<i>Juglans regia</i>	-	Temperate/ Intermediate	Plenty	Plenty	Commercial and own use	Fruit	Reduce prostate cancre		
Tree	Khubani	<i>Prunus armeniaca</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole plant	Good for heart diseases		
Tree	Adu	<i>Prunus persica</i>	-	low land Valley	Plenty	Common	Commercial and own use	Fruit	Anti-bacterial, anti-microbial		
Tree	Nashpati	<i>Pyrus communis</i>	-	low land Valley	Common	Common	Commercial and own use	Fruit	Antioxidant rich		
Herb	Seski, mooin	<i>Artemisia maritima</i>	MFP	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Leaves	Good for digestive troubles		
Tree	Adu	<i>Prunus persica</i>	-	low land Valley	Plenty	Common	own use	Fruit	Anti-bacterial, anti-microbial		
Tree	Nashpati	<i>Pyrus communis</i>	-	low land Valley	Common	Common	Commercial and own use	Fruit	Antioxidant rich		
Tree	Khubani	<i>Prunus armeniaca</i>	B/L	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Whole plant			
Shurb	Dhatura	<i>Datura stramonium</i>	MFP	Temperate/ Intermediate	Common	Plenty	Commercial and own use	Seeds, fruit	Religious purpose		
Herb	Gokhru	<i>Tribulus terrestris</i>	MFP	Temperate/ Intermediate	Plenty	Common	Commercial and own use	Leaves & Flowers			
Herb	Surajan-e-talakh	<i>Colchicum luteum</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Corms			

Herb	Handh	<i>Taraxacum officinale</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Leaves
Herb	Kasnil Hand	<i>Cichorium intybus</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Flowers
Herb	Rumkath, Budarkath, Bantambaku	<i>Verbascum thapsus</i>	MFP	Temperate/ Intermediate	Common	Rare	Commercial and own use	Leaves
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	Common	Abundant	own use	Rhizomes, Roots
Herb	Drub	<i>Cynodon dactylon</i>	MFP	Temperate/ Intermediate	Abundant	Abundant	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 chestnut	<i>Aesculus hippocastanum</i>	B/L	Temperate/ Intermediate	Abundant	Rare	Commercial and own use	Leaves
Herb	Jungli pudina	<i>Mentha arvensis</i>	MFP	Temperate/ Intermediate	Abundant	Plenty	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	Rare	Commercial and own use	Fruit
Herb	Sornai, morning glory	<i>Ipomaea purpurea</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Seeds
Herb	Bhang	<i>Cannabis sativa</i>	MFP	Temperate/ Intermediate	Abundant	Plenty	Commercial and own use	Whole Plant
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	Common	Rare	Commercial and own use	Flower
Herb	Gugchuk, Ringrash	<i>Geranium pretense</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	Root

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

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	Plenty	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	Plenty	Plenty	Commercial and own use	Leaves,Fruit,
Tree	Champ	<i>Alnus nitida</i>	B/L	Temperate/Intermediate	Abundant	Common	Commercial and own use	Bark
Tree	Hiroo	<i>Quercus semecarpifolia</i>	B/L	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
Tree		<i>Populus ciliata</i>	B/L	Temperate/Intermediate	Abundant	Common	Commercial and own use	Whole Plant
Tree	Willow	<i>Salix alba</i>	MFP	Temperate/Intermediate	Abundant	Common	Commercial and own use	Stem
Shrub		<i>Cirsium arvense</i>	MFP	Temperate/Intermediate	Rare	Plenty	Commercial and own use	Root
Shrub	Kaimal/ Daruhaldi	<i>Berberis lycium</i>	MFP	Temperate/Intermediate	Abundant	Rare	Commercial and own use	Roots ,Stem,Bark
Herb		<i>Anagallis arvensis</i>	MFP	Temperate/Intermediate	Abundant	Common	Commercial and own use	Whole Plant
Shrub		<i>Buddleja paniculata</i>	MFP	Temperate/Intermediate	Abundant	Common	Commercial and own use	Leaves
Herb	Hamesh bahar	<i>Calendula officinalis</i>	MFP	Temperate/Intermediate	Abundant	Rare	Commercial and own use	Flower, leaves
Herb	Banafsha	<i>Viola odorata</i>	MFP	Temperate/Intermediate	Abundant	Common	Commercial and own use	Flower
Herb	Pit papara, papara	<i>Fumaria indica</i>	MFP	Temperate/Intermediate	Abundant	Rare	Commercial and own use	whole plant

Herb	Shepherd's purse, toree ghas	<i>Capsella bursa- pastoris</i>	MFP	Temperate/ Intermediate	Abundant	Common	Commercial and own use	seeds, leaves	Used as a folk remedy for nose bleeding
Herb	Marchi, Jungli ajwain	<i>Thymus linearis</i>	MFP	Temperate	Common	Rare	Commercial and own use	Flowers	
Herb	Chuku	<i>Oxalis corniculata</i>	MFP	Temperate	Common	Common	Commercial and own use	Whole plant	

Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Dhatura	<i>Datura stramonium</i>	Wild	Social, religious & economic	Plenty
3	Bhang	<i>Cannabis sativa</i>	Wild	Social, religious & economic	Plenty
4	Suchal	<i>Malva neglecta</i>	Wild	Economic & social	Plenty
5	Hund	<i>Taraxacum officinalis</i>	Wild	Economic & social	Common
6	Seski	<i>Artemisia maritima</i>	Wild	Economic & social	Rare
7	Banafsha	<i>Viola odorata</i>	Wild	Economic & social	Common
8	Chinar	<i>Plantanus orientalis</i>	Local	Economic & social	Common
9	Kail	<i>Pinus wallichiana</i>	Wild	Economic & social	Common
10	Hiroo	<i>Quercus semecarpifolia</i>	Wild	Economic & social	Rare
11	Krees	<i>Dioscorea deltoidea</i>	NTFP	Economic and social	Rare
12	Deodar	<i>Cedrus deodara</i>	Wild	Economic and social	Common
13	Neel Kanth	<i>Ajuga bracteosa</i>	Wild	Economic & Social	Rare
14	Kesar, kung	<i>Crocus sativus</i>	Local	Economic, social and religious	Plenty

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>	Wild	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
Dragonfly/ jahaz	<i>Orthetrum triangulre</i>	Wild	Bluish and black in colour, with a large head	Found around slow moving waters	Common	Common	Act as pollution indicators and as a biocontrol agent for mosquitoes, midges, etc.	Important in the maintenance of ecological balance	Nymphs completely aquatic while adult are seen flying above the water source	NIL
Maiden hair (Ghvtheer)	<i>Adiantum caudatum</i>	Wild	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

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6
Sl. No.	Local Name	Scientific Name	Variety	Importance	Trends
NIL	NIL	NIL	NIL	NIL	NIL
NIL	NIL	NIL	NIL	NIL	NIL

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					
Tree	Deodar	<i>Cedrus deodara</i>	Conifer	Temperate	Plenty	Rare	Timber, religious purpose	Used in neurological disorders, asthma, fever, arthritis & headache.	Wood	Own use	Locals
Herb	Bhang	<i>Cannabis sativa</i>	Wild	Temperate	Plenty	Plenty	Used as a recreational or narcotic drug	Used in medicine to treat nausea, depression, migraine and other conditions	Leaves	Market/ Own use	Locals
Herb	Krees	<i>Dioscorea deltoidea</i>	Wild	Temperate	Plenty	Rare	Medicinal use	Used in treatment of digestive disorders, wound & burns	Root	Own use	Locals
Shrub	Khumlai	<i>Berberis lycium</i>	Wild	Temperate forest	Plenty	Rare	Medicinal use and for brush wood fencing	Used as a cooling agents and as aremedy for acidity	Fruit, leaves	Own use	Locals
Tree	Kail	<i>Pinus wallichiana</i>	Wild	Temperate	Plenty	Rare	Medicinal, timber, fuel	Used to treat fever, wheezing cough & cold.	Seeds, leaves	Market/ Own use	Locals
Herb	Seski/ mooin	<i>Artemisia maritima</i>	Wild	Temperate	Plenty	Rare	Medicinal use	As a remedy for stomach issues in infants and adults	Leaves	Market/ Own use	Locals
Herb	Banafsha	<i>Viola odorata</i>	Wild	Temperate	Plenty	Rare	Medicinal use	Used as an ingredient in tea to treat cough and cold	Flowers	Market/ Own use	Locals

Format 25: Fumigate / Chewing Plants

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Habitat	Local Status		Uses (usage)	Part used	Associated TK	Other details (mode of use)	Community knowledge holder
					Past	Present					
Herb	Pudina	<i>Mentha longifolia</i>	Wild	Temperate	Plenty	Plenty	Spice and mint	Leaves	Locals use it in making Chatni / spices	Cooling agent and used in Ayush medicines	Locals
Herb	Methi	<i>Trigonella foenum-graecum</i>	Local	Temperate	Plenty	Plenty	Spice	Leaves, seeds	Good for digestion	Leaves are used in food / spice	Locals
Herb	choorai	<i>Angelica glauca</i>	Local	Temperate	Plenty	Plenty	Burned as a snake epellent	roots	Acts as a snake repellent	NIL	Locals
Herb	Saunf	<i>Foeniculum vulgare</i>	Wild/ local	Temperate	Plenty	Rare	Mouth freshner, spices	Seeds, leaves	Used as a remedy for constipation and gastric troubles in infants	Leaves and seeds eaten raw or as a concoction	Locals
Herb	Bhang	<i>Cannabis sativa</i>	Wild	Temperate	Plenty	Plenty	Used in medicines	Leaves	Narcotic	Locals crush the leaves and consume it as a narcotic drug	Locals
Trees	Khor/Dun	<i>Juglanas regia</i>	Local	Temperate	Plenty	Plenty	Teeth cleaning, toothache	Leaves, bark		Locals use the leaves and dried bark to clean the teeth	Locals

Herb	Thom	<i>Allium sativum</i>	Local	-do-	Plenty	Plenty	Spice	Bulb	Good for digestion	Bulb used raw or cooked	Locals
Herb	Chuku	<i>Oxalis corniculata</i>	Local	Temperate	Plenty	Plenty	Used in the treatment of influenza, fever, urinary tract infections & snake bites.	Leaves		Sour in taste that's why the name chuku	Locals

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				
Deodar	<i>Cedrus deodara</i>	Temperate	Plenty	Rare	Religious purpose	Provide durable timber	Soft wood timber	Locals
Kail	<i>Pinus wallichiana</i>	Temperate	Plenty	Rare	Furniture and fruit packing	Provide durable timber	Soft wood timber	Locals
Spruce	<i>Picea smithiana</i>	Forest	Plenty	Rare	fruit packing industries	Provide good timber	Soft wood timber	Local
Akhroot	<i>Juglans regia</i>	Temperate	Plenty	Plenty	Fruit and furniture	Provide good timber / fruit	Hardwood tree	Locals
Safeda	<i>Populus ciliata</i>	Temperate	Plenty	Rare	Furniture	Provide durable timber	Hardwood tree	Locals
Kikar	<i>Robinia pseudoacacia</i>	Temperate	Plenty	Common	Fuel wood, fodder	Leaves used to relieve pains	Deciduous hardwood tree with a beautiful white inflorescence	Locals
Chinar	<i>Platanus orientalis</i>	Temperate	Common	Common	Fuel wood, fodder	Provides cool shade and home to many birds	Dried leaves are used as Kangri fuel	Locals

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

1	2	3	4	5	6	7		8				
Animal Type	Local Name	Scientific Name	Habitat	Description	Season when seen	Local Status		Uses (if any)	Associated TK	Mode of Hunting, collecting (if any)	Other details	Community/ Knowledge Holder
						Past	Present					
Mammals	Billi	<i>Felis lybica</i>	Temperate	Grey, light brown in colour	Throughout the year	Common	Common				-	
	Lombri/ Fox	<i>Vulpus vulpus</i>	Temperate	omnivours	every season	Plenty	Rare	-			-	
	Jackal	<i>Canis aureus</i>	Temperate	omnivours	Summer	Plenty	Plenty	-			-	
	Leopard	<i>Panthera pardus</i>	Temperate	omnivours	Summer	Plenty	Rare	-			-	
	Hapat/ Bhalu	<i>Ursus americanus</i>	High altitude	Omnivore	Throughout the year	Plenty	Rare sightings					
	House crow	<i>Corvus splendens</i>	Temperate	Black in colour with a strong beak, omnivore in nature	Throughout the year	Plenty	Plenty	-			-	
	Chidya/ Seid/ House sparrow	<i>Passer domesticus</i>	Temperate	Small birds with sexual dimorphism, feed on seeds & grains	Throughout the year	Plenty	Common	-			-	
	Blue rock pigeon	<i>Columba livia</i>	Temperate	Grey in colour, feed on seeds, grain	Throughout the year	Common	Abundant	-			-	
	Common myna	<i>Acridotheres tristis</i>	Temperate	Brown in colour with a yellow beak, feeds on seeds, grain	Throughout the year	Plenty	Common	-			-	

Birds	Common cuckoo/ koel	<i>Eudynamys scolopaceus</i>	Temperate	Males black in colour and females dull grey with small black spots over the body.	Throughout the year	Plenty	Plenty	-	Necessary for maintaining the ecological balance	Prohibited	Locals and Deptt. Of Wildlife
	Tota	<i>Psittacula himalayana</i>	Temperate	Green with a slaty black head and a red beak. Feed on seeds, grain & fruits.	Throughout the year	Plenty	Common				
	Cheel	<i>Milvus migrans</i>	Temperate	Carnivore, solitary bird	Throughout the year	Plenty	Common	-			
	Griffen Vulture	<i>Gyps fulvus</i>	Temperate	Natural habitat	Throughout year	Plenty	Absent	-			
	Chakor	<i>Alectoris chukar</i>	Temperate	Grey in colour, feed on seeds & grains	Throughout the year	Abundant	Rare	-			
Insects	Dragonfly/ jahaz	<i>Orthetrum triangulre</i>	Temperate	Bluish and black in colour	Summer	Common	Common				
	Cabbage butterfly	<i>Pieris brassicae</i>	Temperate	White in colour with black spots on fore wings.	Summer	Abundant	Abundant				
	Cockroach	<i>Periplaneta americana</i>	Temperate	Waste material, food	Summer	Rare	Common				
	Bed bug	<i>Cimex lectularius</i>	Temperate	Light brown in colour, flat oval	Summer	Common	Common				
	Makhi	<i>Musca domestica</i>	Temperate	Small, black in colour with hairy body, nuisance pest	Summer	Common	Plenty				
	Ant/ Chinti	<i>Solenopsis invicta</i>	Temperate	Black in colour, nuisance pest	Throughout the year	Common	Plenty				
	Machar	<i>Culex sp.</i>	Temperate	Light coloured with black and white abdomen	Summer	Common	Abundant				
	Leech	<i>Hirudo medicinalis</i>	Temperate region	Soft, segmented body	Summer	Common	Common	Medical purpose			

Annelids	Earthworm	<i>Pheritema posthuma</i>	Temperate	Pinkish in colour with a slender, segmented body.	Summer	Common	Common	Used in vermicompost. Commonly known as farmer's friend.
Rodents	Rat/ Gagud	<i>Rattus rattus</i>	Temperate	Grey colour, large size	Throughout the year	Plenty	Plenty	
	Porcupine/ Shale	<i>Hystrix indica</i>	Temperate	Has sharp spikes	Throughout the year	Plenty	Common	Venomous and non-venomous both found commonly
Reptiles	Saanp	Serpentes (Sub-order)	Temperate	Limbless, carnivore with mobile jaw	Summer	Plenty	Common	

Format 29: Flora

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

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	wild goat	<i>Capraaegagrus</i>	mammal	forest	
2	peacock	<i>pavo-cristatus</i>	Bird	ever where	
3	house Sparow	<i>passer domesticus</i>	Bird	ever where	

Format 31: Any other information of local importance

1	2	3
Sr. No.	Information of local importance	Remarks
	None	