
Biodiversity Register (PBR): General Details

the Panchayat Samiti: CHAMBER KANARI

hsil: MANDI

POONCH

: Jammu And Kashmir

hical Area of the pancahayt Samiti: Hilly & Snow Bound

on Of the Panchayat samiti: Total 1760

5 Female: 845

and Topography: Hilly Area

(Rainfall, Temperature and weather patterns): Humid Sub-Tropical/Temperate Area with Moderate Rainfall, Strong Monsoon Currented in the District

(Nine fold classification available with village records): Agriculture, Horticulture and Animal Husbandry

nth and Year of PBR Preparation: 16.09.2022

ment Regime: Reserve Forest (RF)/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(CO)

Annexure 1

Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six not less than one third to be women and not less than 18% belonging to SC/ST)

1) Name of the Chairperson: Altaf S/o Abdul Khaliq Hussain **Mob. No.** 9622863540

Age: 33

Gender: Male

Address: Chamber Kanari

Area of specialization: Chairperson

2) Name: Shamim Akhter W/o Mohd. Altaf **Mob. No.** 8082637801

Age: 38

Gender: Female

Address: Chamber Kanari

Area of specialization: Member

3) Name: Jameela Begum W/o Ghulam Qadar **Mob no.** 9697132286

Age: 40

Gender: Female

Address: Chamber Kanari

Area of specialization: Member

4) Name: Abdul Jamal S/o Mohd. Ibrahim **Mob no.** 7051680843

Age: 60

Gender: Male

Address: Chamber Kanari

Area of specialization: Member

5) Name: Shabir Ahmed S/o Ghulam Mohd. **Mob no.** 7051062105

Age: 35

Gender: Male

Address: Chamber Kanari

Area of specialization: Member

6) Name: Ghulam Qadar S/o Ghani Lone **Mob no.** 9596873290

Age: 60

Gender: Male

Address: Chamber Kanari

Area of specialization: Member

7) Name: Bashir Ahmed S/o Raj Mohd. **Mob no.** 8492871776

Age: 48

Gender: Male

Address: Chamber Kanari

Area of specialization: Member

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:

Annexure 3

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

1) Name: Shabir Ahmed S/o Mohd. Ibrahim **Mob. No.** 7051232101

Age: 38

Gender: Male

Address: Chamber Kanari

Area of specialization: Agriculture & Horticulture

2) Name: Abdul Wahid S/o Abdul Subhan **Mob. no.** 9797551193

Age: 38

Gender: Male

Address: Chamber Kanari

Area of specialization: Agriculture & Horticulture

3) Name: Mehraj Ahmed S/o Abdul Subhan **Mob no.** 9595706499

Age: 25

Gender: Male

Address: Chamber Kanari

Area of specialization: Forestry & Horticulture

4) Name: Abdul Ghani S/o Mohd. Ibrahim **Mob no.** 9906087570

Age: 32

Gender: Male

Address: Chamber Kanari

Area of specialization: Agriculture & Horticulture

Annexure 4

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

1) Contact Person:

Name and Address

2) Contact Person:

Geographical Area of the Panchayat Samiti:

ANNEXURE 5

| S.no | Name and address of the Person/Institute/company others | Local and Scientific Name of the biological material Accessed and quantity | Date and resolution of the BMC and endorsement by the Panchayat | Detail of collection fee imposed | Anticipated mode of sharing benefits or quantum of benefits shared |
|-------------|--|---|--|---|---|
| | | | | | |

Format-1 Crop plants

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|----------------------------|---------------------------|------------------|---|---|--------------------|--------------|---------|--|-----------------|---|--|---|---|--|
| Crop | Scientific 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 | | | | | | | |
| Maize | <i>Zea mays</i> | Makki | Plandri, Rashi 4794, Bio-9621, Bio-9220 | Humid Sub-Tropical Climate/Hilly temperate and intermediate | | Plenty | Plenty | April sown, local variety dentles, corn & flour sweet in taste | Kharif | Major food item, used as flour, feed to cattle, poultry etc. | Good for Health, Rich in Vitamin C and E, to boost immune, skin and hair health, Dietry Fiber, Calcium | Maize is generally used for animal feed, Maize flour is used to make chapatis | HH kept seed, Deptt. Of agriculture, private seed dealers | Local/ Aged farmers of rural communities possess TK. Cultivation and management practices among the farming communities across the district. |
| Common Bean/Rajmash | <i>Phaseolus vulgaris</i> | Mothi | Kidney Bean, Common Bean, Snap Bean and French Bean | Humid Sub-Tropical Climate/Hilly temperate and intermediate | | Normal | Normal | Source of dietary fiber, protein, and carbohydrates | Summers | Used for Obesity, Diabetes, colon cancer, high cholesterol, kidney stones | Used for diabetes, Colon cancer, high cholesterol, kidney stones etc. | Rich source of Protein, vitamin and minerals | HH kept seed, Deptt. Of agriculture, private seed dealers | Local/ Aged farmers of rural communities possess TK. Cultivation and management practices among the farming communities across the district. |
| Brown Mustard | <i>Brassica juncea</i> | Sarsoon/ Sareyan | Local, KS-101, KOS-1 | Temperate and intermediate | | Plenty | Plenty | Locals used to cook green leaves and eat as (Sabzi) Vegetable | Rabi | Green leaves used as vegetables and seeds used for extracting oil used in cooking and for other relevant purposes | Rich in Dietary Fibre, Vitamin B6, C, and Calcium | Crop severely affected by the snowfall during the month of dec-feb | Farm saved seed, from peer groups of farmers, from deptt. Of agriculture and other relevant sources | Local/ Aged farmers of rural communities possess TK. Cultivation and management practices among the farming communities across the district. |

| | | | | | | | | | | | | | | |
|-------------------------------|---|---------------|---|---|--|--------|--------|--|---|---|--|-----------------------------|--|---------------------|
| Radish | <i>Raphanus sativus</i> | Mooli | Local turnip shaped radish | Temperate conditions | | Normal | Normal | The entire plant is edible and the tops can be used as a leaf vegetable | 2-3 crops round the year | Eaten raw, used as vegetable and pickle making | Traditional variety and cultivation practice | Round, sharp, white colored | Seed being traditionally cultivated and focussed locally | Farmers of the area |
| Wheat | <i>Triticum aestivum</i> | Kanak/Gandham | HD2967,PB W644 | Cool Climate during early part of its growth | | Normal | Normal | High yielding Variety | Food & Fodder | Source of Energy | Suitable for Chappati/Bread making | Rabi | Farmers / Department/Private Suppliers | Farmers |
| Onion | <i>Allium cepa</i> | Pyaz | nasik Red, Red Coral, Monsanto And Local Spp. | local Planee areas | | Rare | Rare | Bulbs Cash Crop | Vegetables | Vegetable | Staple Vegetable food | Rabi | Farmers / Department/Private Suppliers | Farmers/households |
| Mustard | <i>Brassica juncea/ Brassica compestris</i> | Sarson | Pusa Bold/ KOS -1 | Cool & dry | | Normal | Normal | Matures in 145-150 days with 40-42 % oil content | Oil for Food | Source of energy | vegetable Oil extracted from seeds used in cooking | Rabi | Farmers / Department/Private Suppliers | Farmers |
| Rape Seed/Gobhi Sarson | <i>Brassica napus</i> | Sareyan | GSL-1,DGS-1,Local | Cool & dry | | Normal | Normal | Annual Herb,yellow flowers bearing Pods | oil for Food,leaves used as vegetable | Source of energy, calcium,copper, potassium | vegetable Oil extracted from seeds used in cooking | Rabi | Farmers / Department/Private Suppliers | Farmers |
| Potato | <i>Solanum tuberosum</i> | Aalo | Kufri Sindhuri, Kufri Badsha, local | Potato is an herbaceous annual,requires cool weather, mostly rainfed conditions | | Normal | Normal | Tubers are round to ovoid, creamish white to light red in colour with shallow eyes | Under ground tubers are used as vegetable,chips etc | One of the temperate staples, eaten boiled, baked, fried, stewed etc. | High carbohydrate, provide high n energy value | Rabi | Farmers / Department/Private Suppliers | Farmers |

| | | | | | | | | | | | | | | |
|-----------------|-------------------------------|-------------------|--|---|--|----------|----------|---|--|---|--|-------------------|--|---------|
| Chilli | <i>Capsicum annum</i> | Mirchi/ Marchi | Pusa Jawala, CH-1 | Tropical/sub tropical vegetable, grows well warm humid conditions | | Normal | Normal | Pungency and flavor | Used as spice, medicinal value | Used orally for upset stomach, toothache, poor circulation, fever and heart disease | Contains good ammount of vitamin A&C | winter season | Farmers / Department/ Private Suppliers | Farmers |
| Tomato | <i>Solanum lycopersicum</i> | Tamater | Pusa rubi,Pusa early dwarf, Manisha Plus/local | Warm season crop | | Rare | Rare | Stems are woody and weak, and tend to vine over other types of plants. | Used as vegetable, salad, soup,Souce | Rich source of Ascorbic acid | Tomatoes are also packed with vitamins A and C, calcium, potassium. | Rabi | Farmers / Department/ Private Suppliers | Farmers |
| Okra | <i>Abelmoschus esculentus</i> | Bindi | Varsha uphar, Arka Anamika | Tropical/sub tropical vegetable/Hot and humid climate | | Rare | Rare | Tender green fruit used as vegetable | Mainly vegetable | Source of Fiber | Contains dietary fibers,protein and carbohydrates | Summer/ Kharif | Farmers / Department/ Private Suppliers | Farmers |
| Cucumber | <i>Cucumis sativus</i> | Kheera | Kheera local, JL | Grows in all climatic conditions,Tropical,Sub tropical & temprate | | Rare | Rare | Limbing annual bearing elongated thick cylindrical fruit | Mainly used as salad | Vegetable | It also used as antipyretic and causing cooling effect | Summer/ Kharif | Farmers / Department/ Private Suppliers | Farmers |
| Calabash | <i>Lagenaria siceraria</i> | Lokki | PSPL/ Punjab Long | Summer & Rainy season crop | | Abundant | Abundant | Vines vigorous, profusly branched | Mainly used as Sabzi | Vegetable | It also contains essential vitamins and minerals | Summer/ kharif | Farmers / Department/ Private Suppliers | Farmers |
| Beans | <i>Phaseolus Spp.</i> | Phaliya | Contender | Cool weather crop/Sandy/l oamy soil | | Abundant | Abundant | Tender green pods are used as vegetable | Mainly vegetable | Source of energy in the shape of Gur/Sugar | High protein,VitamineB1 ,B2<B6 and Maganese | Summer season | Farmers / Department/ Private Suppliers | Farmers |

| | | | | | | | | | | | | | | |
|---------------------|---|-----------------|--|---|--|----------|----------|--|---|-----------|---|--------------------------------------|--|----------------|
| Kohlrabi | <i>Brassica oleracea var.gongylodes</i> | Kadam | White vienna, Purple vienna | cool & moist climate/sub tropical | | Abundant | Abundant | Swollen stem .grren/purple with long and broad leaves | Swollen stem and leaves are consumed as vegetable | Vegetable | Rich in Vitamin C | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| Spanich | <i>Beta vulgaris</i> | Palak | All Green,Delta | Cool season Crop, thrives well on well drained loam soils | | Abundant | Abundant | Tender green leaves & root used as Vegetable | Tender green leaves used as leafy Vegetable | Vegetable | Vitamins A and C, fiber, folic acid, and other nutrients | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| Turnip | <i>Brassica rapa</i> | Gunglu /Shalgam | PTWG/ Local | Cool & moist climate/sub tropical&inte rmedite | | Abundant | Abundant | Modified Root is eatable | Root is used as Vegetable ,Salad | Vegetable | Good source of Vit.C,Diatry Fiber &Potasium | Rabi | Farmers / Department/ Privaate Suppliers | Farmers |
| Amaranths | <i>Amaranthus spinosus</i> | Gnaar | Local | Cool & moist climate/sub tropical&inte rmedite | | Abundant | Abundant | Leaves are eatable | Summers | Vegetable | Used as an expectorant and to relieve breathing in acute bronchitis. | Summers | Locally, traditionally cultivated | Farmers/Locals |
| Sponge Gourd | <i>Luffa aegyptiaca</i> | Tori/ Toriyaan | Angled luffa, ridged luffa, wild luffa | Cool & moist climate/sub tropical&inte rmedite | | Normal | Normal | Fast growing, tendriled Used for arthritis pain, chest pain | Summers | Vegetable | Treacting and Preventing colds, Used for nasal swelling and sinus problems etc. | Summers | Locally/ Private Suppliers | Famers/Locals |
| Garlic | <i>Allium sativum</i> | Thoom | Rocambole, Porcelain | Moderate temperature in summer as well as in winter | | Normal | Normal | Short days are very favorable, Rich in humus, good content of potash | Summers/ Winters | Vegetable | Boost Immunity, Reduce High BP, Prevention of Cancer, Antibiotic properties | May prevent Alzheimer's and Dementia | Locally/ Private Suppliers | Farmers/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 | Associated TK | Uses | Other Details market / own use | Community /Knowledge Holder |
| | | | | | Past | Present | | | | | | |
| Pear | <i>Pyrus communis L.</i> | Nakh | Pathar Nakh, Packham, Limonera, Conference | Highland | Plenty | Normal | Fruit itself | August | Lower Blood pressure, Prevent Cancer, Energy Booster | Fruit, wood | Marketing, Own Use | Farmers/Locals |
| Plum | <i>Prunus domestica opal</i> | Plump | Plum opal | Moisture but well drained Lowland, Deciduous | Plenty | Normal | do | July-August | Reduce Blood Sugar, Rich in antioxidants | Fruit | Marketing, Own Use | Farmers/Locals |
| Peach | <i>Prunus Persica</i> | Aaroo | July Elberta, Quetta, Shan-e- Punjab, Sun Haven, Sharbati | Highland | Normal | Normal | do | July-August | Promote Healing, Keep digestion running smoothly etc. | Fruit, wood | Marketing, Own Use | Farmers/Locals |
| Apple | <i>Malus domestica</i> | Saib | Ambri Apple, Granny Smith, Bramley | Tree, regular bearing, Temperate Hills | Rare | Rare | Nurseries | August-October | Fruit, Nutritious, Good for weight loss, Prevent Cancer | Fruits | Marketing, Own Use | Farmers/Locals |
| Apricot | <i>Prunus armeniaca</i> | Khubani, Sadi | Local apricot, Bebc | Tree, regular bearing, Mid Hills | Plenty | Normal | Nurseries | June-July | Rich in Vitamin A, Excellent for promoting eye health | Fruits, Wood | Marketing, Own Use | Farmers/Locals |

| | | | | | | | | | | | | |
|----------------------|--------------------------------|--|---|--|--------|--------|----------------------------------|----------------------|--|--------------|-----------------------|----------------|
| Walnut | <i>Juglans regia</i> | Akhrot | Paper/Thin Shelled, Hard & Medium Shelled | Tree, regular bearing, Temperate Hills | Normal | Normal | Nurseries & Locally raised | Sept-Oct | Dry-fruit, Economy generation, Rich in antioxidants, Reduce risk of some cancers etc. | Fruits, Wood | Marketing, Own Use | Farmers/Locals |
| Pecan | <i>Carya illinoensis</i> | Shimla Khor | Western shell | Mid/temperate hills/Deciduous/ Perennial | Rare | Rare | Nurseries | Sept-Oct | Dry Fruits, Nutritional Value | Fruits | Marketing | Farmers/Locals |
| Date Plum | <i>Diospyros lotus</i> | Amlook | Local | Mid/temperate hills | Normal | Rare | Locally raised | July-august | Dry fruits, Nutritional Value, Anti-Cancer agent | Fruit | Own Use | Locals |
| Common Grape Vine | <i>Vitis Vinifera</i> | Daakh | Local | Mid/ temperate hills | Rare | Rare | Locally raised,govt nurseries | July to september | Reduce Blood Pressure, Improve Kidney Function etc. | Fruit | Own Use | Locals |
| Loquat | <i>Eriobotrya japonica</i> | Lakaat | Local | Sub tropical to mild temperate | Rare | Rare | Locally Raised, Nurseries | Late Winters | High in Vitamin A, Antioxidant | Fruit | Own Use | Locals |
| Citrus Fruit | <i>Citrus spp.</i> | Khatti, Galgal, Nimbu, Santra, Kinnoo etc. | Local Selection, Kagzi Lime etc. | Sub Tropical/ Temperate | Normal | Rare | Nurseries | Through Out Year | Fruit, Pickle, Squashes etc | Fruit | Own Use | Locals |

Format-3 Fodder Crops and 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 | | | | | |
| Paddy hay | <i>Orzya Sativa</i> | Chawal | Lowlands | Good | Good | Agriculture Deptt. | NA | Crop | NA | local farmers of rural community |
| Oat | <i>Avena Sativa</i> | Tain | Lowlands | Good | Good | Agriculture Deptt. | NA | Crop | NA | local farmers of rural community |
| Barseem | <i>Trifolium Alexandrium</i> | Barseem/ Chhatala | Lowlands | Good | Good | Self | NA | Crop | NA | local farmers of rural community |
| Maize | <i>Zea mays</i> | Makka | Highland | Good | Good | Agriculture Deptt. | NA | Crop | NA | local farmers of rural community |
| Oats | <i>Avena sativa</i> | Ghaas | Temperate/ Intermediate | Good | Good | Self | Stored in locally made indigenous structure called "Taai" | Crop | NA | local farmers of rural community |
| Berseem (Egyptian Clover) | <i>Trifolium alexandrinum</i> | Gjaas | Irrigated areas | Good | Good | Self | NA | Crop | NA | local farmers of rural community |
| Milkweed | <i>Euphorbia thymifolia</i> | Dudli | Temperate/ Intermediate | Good | Good | self | NA | Crop | containing milky fluid like substance | local farmers of rural community |
| Charri | <i>Sorghum bicolor</i> | charri | Temperate/ Intermediate | Good | Good | self | NA | Crop | NA | local farmers of rural community |
| Berea grass | <i>Dactyloctenium australe</i> | Beran | Temperate/ Intermediate | Good | Good | self | NA | Crop | containing lots of fibre | local farmers of rural community |
| Bray grass | <i>Sorghum halepense</i> | Bray | Temperate/ Intermediate | Good | Good | self | NA | Crop | associated with maize crop | local farmers of rural community |

| | | | | | | | | | | |
|---------|------------------------------|----------|--------|------|------|---|---|----------------------------|---------------|---------|
| Barseem | <i>Trifolium alexandrium</i> | Chhatala | Annual | Good | Good | Farmers / Department/ Private Suppliers | Nutritious & palatable fodder, Source of energy for animals | Entire Plant | Fodder | Farmers |
| Oats | <i>Avena spp.</i> | Javi | Annual | Good | Good | | Nutritious & palatable fodder, | Above ground part of plant | Fodder | Farmers |
| Oats | <i>Sorghum spp.</i> | cherri | Annual | Good | Good | Farmers / Department/ Private Suppliers | Source of energy | Above ground part of plant | Fodder | Farmers |
| Oats | <i>Zea mays</i> | Makki | Annual | Good | Good | | Source of energy | Above ground part of plant | Food & fodder | Farmers |
| Oats | <i>Vigna unguiculata</i> | Rongi | Annual | Good | Good | Farmers / Deptt./ Private Suppliers | Kharif Legume with high protein | Above ground part of plant | Fodder | Farmers |

Format-4 Weeds

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 12 | 13 |
|------------|-----------------------------|-------------|---------------|---|--|--------------------|---|-----------------------|---------------------------|-------------------------|---------------|---|
| Plant | Scientific Name | Local Name | Affected crop | Impact | Landscape / Habitat | Local Status | | Uses if any | Management options | Associated TK | Other details | Community Knowledge Holders |
| | | | | | | Past | Present | | | | | |
| Weed grass | <i>Cyanedon diactylon</i> | NA | Paddy maize | It competes with main crop and lowers the yield | Highland | Good | Good | Can be used as fodder | Proper and timely removal | Nil | NA | NA |
| Weed | <i>Phakaris minor</i> | Gulli danda | Wheat | do | do | Good | Good | do | Proper and timely removal | Nil | NA | NA |
| Wild Oat | <i>Avena fatua</i> | Jai | Wheat | do | do | Good | Good | do | Proper and timely removal | Nil | NA | NA |
| Ipomoea | <i>Ipomea spc.</i> | NA | Maize | Destroys the plant | Temperate and Intermediate | No weed management | Scientific based weed management | Nil | Proper and timely removal | Nil | NA | NA |
| Mash | <i>Cyprus esceluntus</i> | Ghass | - | | Temperate and intermediate areas of the District | No weed management | Weed management on scientific lines being followed by the farmers | - | - | - | - | No TK associated with either knowledge or management of Ipomea weed |
| Paddy | <i>Marsilia quadrifolia</i> | NA | Paddy | Affect crop yield | Temperate and Intermediate | plenty | Weed management on scientific lines being followed by the farmers | nil | weedicide Butachlore | competes with main crop | NA | local farmers |
| Paddy | <i>Cynodon dactylon</i> | NA | vegetables | Affect crop yield | Temperate and Intermediate | Average | Weed management on scientific lines being followed by the farmers | nil | using weedicide | competes with main crop | NA | local farmers |

| | | | | | | | | | | | | |
|-----------------|--------------------------------|------------------------------|--|-------------------|----------------------------|----------|---|---------------------------|---------------------------------|---|---|----------------------------------|
| Maize | <i>Sorghum halepense</i> | NA | Maize | Affect crop yield | Temperate/ Intermediate | average | Weed management on scientific lines being followed by the farmers | nil | hand picking | | | local farmers of rural community |
| Maize | <i>Euphorbia thymifolia</i> | Dudli | maize | Affect crop yield | Temperate/ Intermediate | Average | Weed management on scientific lines being followed by the farmers | nil | using weedicide or hand picking | competes with main crop | NA | local farmers of rural community |
| Lamb's quarters | <i>Chenopodium album</i> | Bathua/ Kanh/Wild Spinach | Wheat, Pea, Potato | | Agri. Land | Normal | Normal | Eaten as boiled green veg | Physical, Mechanical, Chemical | Rich Source of protein, Vit. A, Calcium, Phosphorous & potash | Annual feed & fermentation of Beverages | Farmers |
| Barnyard Grass | <i>Echinochloa crusgalli</i> | Swank | Paddy | | Agri. Land | Abundant | Abundant | Fodder & Animals | Physical, Mechanical, Chemical | Nil | Nil | Farmers |
| Carrot grass | <i>Parthenum hysterophorus</i> | Congress Grass | Gardens & sugarcane ratoon crops & other crops | | Agri. Land | Abundant | Abundant | Nil | Physical, Mechanical, Chemical | Abnoxious weed difficult to manage | Nil | Farmers |

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 | Cut worm | NA | Kidi | Kharif Crops | May and June | IPM | NA | NA | Rare |
| Maize | Stem Borer | NA | Tana Chedak | do | do | DO | NA | NA | Rare |
| Vegetables | Green fly | <i>Aphids</i> | Tela | do | do | DO | NA | NA | Rare |
| Vegetables | Fruit Borer | <i>Leucinodes Orbanalis</i> | Suin | do | do | DO | NA | NA | Rare |
| Wheat | Termites | <i>Odontotermis</i> | Sink | Polyphagous/ sandy and loamy soils | Kharif | Field sanitation and continuous removal and destruction of infected plants | NA | NA | NA |
| Wheat | Stem borer | <i>Chilo partellus</i> | Ludi | Polyphagous | Kharif | Field sanitation and continuous removal and destruction of infected plants | NA | NA | NA |
| Maize | Corn worm | <i>Helicoverpa armigera</i> | Sundi | Maize cobs | Kharif | Field sanitation and continuous removal and destruction of infected plants. Installing pheromone traps @ 6-10/acre | NA | NA | NA |
| Maize | | | Tokka | upper part of maize | Kharif | Proper spray of insecticides | Reduces crop yield | NA | local farmers of rural community |
| vegetables | leaf borer | | pediye | | Kharif | Proper spray of insecticides | Reduces crop yield | NA | local farmers of rural community |
| Bottleguard | fruitfly | <i>Dacus cucurbitae</i> | | pulp of the fruits | july to october | Dusting with some repellents | causes fungal and bacterial infection | NA | local farmers of rural community |
| Rajma dal | | | Dhoru | | july to october | | Reduces crop yiield | NA | local farmers of rural community |

Format-7 People scape

| 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 |
| Mix & 1760 | 815 & Agriculture, Horticulture, Animal Husbandry | Farming | Agriculture, Horticulture | Wheat (Winters), Maize (Summer), Soil, Forest | Farming | Stripped Cropping, Grassed Waterways | Pahari Tribe, ST | Good | Good | 815 |

Format-8 Landscape

| Format-8 Landscape | | | | | | | | | | | | | |
|----------------------|------|-------------|--------------------|----------------------------|----------------|--------------------------------|--|-------------------|--------------------------|--|-----------------------|---------------|------------------------|
| 1 | | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Major Landscapes | | | Sub - Landscapes | Feature s 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 | | | | | | | | | | | |
| Agricultural Lands | | | Forest and water | | Farmers | Maize | Cow, Buffalo, Poultry, Sheep and Goats | Farmers | | Food, Market and even export to other places | | | |
| Cultivated | | | Cultivated | Fertile Land | Private | Trees, Plants, Herbs, Shrubs | Rodents, Insects | Villagers/ Locals | Crop Rotation, Terracing | Cultivation | Used for Farming | Nil | Low Income Communities |
| Non- Cultivated Land | | | Non-Irrigated Land | Less Fertile | Govt./ Private | Marshy/Swampy Plants | Insects and Amphibians | Villagers/ Locals | Crop Rotation, Terracing | Cultivation | Available for Farming | Nil | Low Income Communities |
| Irrigated Land | | | Irrigated Land | Fertile Land | Private Land | Rice, Vegetables, Flowers etc. | Amphibians, Insects | Zamindars | Nil | Crop cultivation | Available for Farming | Nil | Every Community |
| Grazing Land | | | Non-Cultivated | Lush Green | Govt. Land | Plants/Herbs | Rodents, Insects | Villagers/ Locals | Nil | Animal Grazing | NA | Nil | Every Community |

Format-9 Waterscape

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|--------------------------------|------------------|---------------------------------|--------------------|---------------------------|----------------------|------------------------------|--------------------|-----------------------------|---------------------|----------------------|
| Waterscape element type | Sub- type | Features and approx area | Ownership | General flora | General fauna | Major uses | User groups | Management practices | General uses | Associated TK |
| Nallah | | | | Crops, Fruits, Vegetables | Fishes | Used for runing Flour mills | Locals | | Atta Chakki | |
| Hand pumps | NIL | NIL | Private/State Land | NIL | NIL | Washing cloths, Drinking etc | Public | NIL | | |

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 |
| Black soil | <i>Greyish Brown</i> | Clayey texture and are highly fertile | | Wheat | All vegetables | | dry area |
| Alkaline soil | <i>Brown</i> | | | Maize | | | It is found in the areas without irrigation facility |
| Black soil | <i>black in colour and clayey in nature</i> | highly fertile and rich in calcium carbonate and poor in nitrogen and phosphorous ,highly retentive of moisture | NA | wheat,maize tomatoes, green chillies etc | both | NA | |
| Laterite soil | <i>red or rusty in colour and coarser in texture</i> | acidic in texture and unsuitable for cultivation | NA | less fertile, potatoes and fruits | both | NA | |
| clay soil | <i>partially off white or yellowish in colour and clayey in texture</i> | sticky ,low permeability, rich in calcium, iron ,magnesium | NA | wheat,vegetables | both | NA | |
| Alluvial soil | <i>light grey or ash grey</i> | fertile soil and rich in potash and lime | NA | pulses, vegetables, fruits etc | both | NA | |

| Format-11 Fruit Trees | | | | | | | | | | | | |
|-----------------------|------------------------------|---------------|---|--|--------------|---------|----------------------------|--------------------|--------------|--------------------------------|------------------------------|---|
| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
| Plant Type | Scientific Name | Local Name | Variety | Landscape/ Habitat | Local Status | | Source of plant/seeds | Season of Fruiting | Uses (usage) | Other Details market / own use | Community / Knowledge Holder | Associated TK |
| | | | | | Past | Present | | | | | | |
| Pear | <i>Pyrus communis L.</i> | Nakh | Pathar Nakh, Packham, Limonera, Conference | Highland | Plenty | Normal | Fruit itself | August | Fruit, wood | Marketing, Own Use | Farmers/ Locals | Lower Blood pressure, Prevent Cancer, Energy Booster |
| Plum | <i>Prunus Domestica Opal</i> | Plump | Plum opal | Moisture but well drained Lowland, Deciduous | Plenty | Normal | do | July-August | Fruit | Marketing, Own Use | Farmers/ Locals | Reduce Blood Sugar, Rich in antioxidants |
| Peach | <i>Prunus Persica</i> | Aaroo | July Elberta, Quetta, Shan-e- Punjab, Sun Haven, Sharbati | Highland | Normal | Normal | do | July-August | Fruit, wood | Marketing, Own Use | Farmers/ Locals | Promote Healing, Keep digestion running smoothly etc. |
| Apple | <i>Malus domestica</i> | Saib | Ambri Apple, Granny Smith, Bramley | Tree, regular bearing, Temperate Hills | Rare | Rare | Nurseries | August-October | Fruits | Marketing, Own Use | Farmers/ Locals | Fruit, Nutritious, Good for weight loss, Prevent Cancer |
| Apricot | <i>Prunus armeniaca</i> | Khubani, Sadi | Local apricot, Bebco | Tree, regular bearing, Mid Hills | Plenty | Normal | Nurseries | June-July | Fruits, Wood | Marketing, Own Use | Farmers/ Locals | Rich in Vitamin A, Excellent for promoting eye health |
| Walnut | <i>Juglans regia</i> | Akhrot | Paper/Thin Shelled, Hard & Medium Shelled | Tree, regular bearing, Temperate Hills | Normal | Normal | Nurseries & Locally raised | Sept-Oct | Fruits, Wood | Marketing, Own Use | Farmers/ Locals | Dry-fruit, Economy generation, Rich in antioxidants, Reduce risk of some cancers etc. |
| Pecan | <i>Carya illinoensis</i> | Shimla Khor | Western shell | Mid/temperate hills/Deciduous/ Perennial | Rare | Rare | Nurseries | Sept-Oct | Fruits | Marketing | Farmers/ Locals | Dry Fruits, Nutritional Value |
| Date Plum | <i>Diospyros lotus</i> | Amlook | Local | Mid/temperate hills | Normal | Rare | Locally raised | July-august | Fruit | Own Use | Locals | Dry fruits, Nutritional Value, Anti-Cancer agent |
| Loquat | <i>Eriobotrya japonica</i> | Lakaat | Local | Sub tropical to mild temperate | Rare | Rare | Locally Raised, Nurseries | Late Winters | Fruit | Own Use | Locals | High in Vitamin A, Antioxidant |

Format-12 Medicinal Plants (Herb, Shrubs, Trees etc.)

| 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 | | | | | |
| Trees | Neem | <i>Azadirachta indica</i> | | lowland | | good | good | medicinal | Leaves | | Own use | good |
| do | Amla | <i>Emblica officinalia</i> | | do | | good | good | medicinal | fruit | | Own use | good |
| do | Anardhana | <i>Punigranatum</i> | | highland | | good | rare | medicinal and food | fruit | | Own use | good |
| do | Babool | <i>Acasia Nilolica</i> | | lowland | | good | rare | Medicinal and wood | stem | | Own use | rare |
| Herbs | Pudina | <i>Mentha arvensis</i> | | lowland and highland | | good | good | medicinal and in food | leaves | | Own use | good |
| do | kuth | <i>Sassurea lappa</i> | | do | | good | rare | medicinal | root | | Own use | rare |
| Shrubs | Bhang | <i>Cannabis sativa</i> | | Temperate | Wild | Abundant | Abundant | medicinal | Leaves | Protection against pain, nause and vomiting | Own use | Generally, held by community |
| Tree | Sree | <i>Albizzia lebbeck</i> | | Lowland/ Highland/ Temperate | Wild | Good | Rare | medicinal | Bark, seeds, leaves and flowers | Used For migraine, diarrhea, jaundice, skin problems, asthma | Own use | Generally, held by community |
| Herbs | Dudlu | <i>Taraxacum officinale</i> | | Temperate | Wild | Rare | Rare | medicinal | Roots | Antiviral activity, anti-diabetic, anti-inflammatory | Own use | Generally, held by community |
| Herb | Tamatar | <i>Solanum lycopersicum</i> | Local | Temperate | Cultivated | Available | Available | To reduce heart diseases, kidney stones and gall bladder stones | Fruit | Cure heart and stone diseases | Own use | Generally, held by community |

| | | | | | | | | | | | | |
|------|---------------|-------------------------------|------------|------------|--------------------------------|-----------|------------------------|--|--------------------------|------------------|---------|------------------------------|
| Herb | Dhaniya | <i>Coriandrum sativum</i> | Local | Temperate | Cultivated | Available | Available | Used for loss of appetite, tooth aches | Seeds | Cure pain | Own use | Generally, held by community |
| Herb | Pudina | <i>Mentha spicata</i> | Local/wild | Temperate | Cultivated/ naturally grown | available | Available | To cure infection | Leaf | Cure infection | Own use | Generally, held by community |
| Herb | Pyaz | <i>Allium cepa</i> | Temperate | Cultivated | Available | Available | To cure cold and cough | Roots | To relive cough and cold | Extract | Own use | Generally, held by community |
| Herb | Lahsun | <i>Allium sativum</i> | Local | Temperate | Cultivated | Available | Available | To cure wounds | Whole plant | Used for wounds | Own use | Generally, held by community |
| Herb | Green Chilly | <i>Capsicum annum</i> | Local | Temperate | Cultivated | Available | Available | To improve immune system | Entire | Improve eye site | Own use | Generally, held by community |
| Herb | Neg chetri | <i>Trillium govanianum</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | Anti inflammatory remedy . | Whole plant | available | Own use | Generally, held by community |
| Herb | Zakhm e hayat | <i>Bergenia ciliata</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | Wound healing, vomiting ,fever, coughand pulmonary infections | leaves | available | Own use | Generally, held by community |
| Herb | chooray | <i>Angelica glauca</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | dysentry, stomach troubles , infantile atrophy,menorrhagia andrinderpest | stems | available | Own use | Generally, held by community |
| Herb | Gucchi | <i>Helvella esculenta</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | | whole plant | available | Own use | Generally, held by community |
| Herb | pitpapda | <i>Fumeria parviflora</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | treatment of fever, gastritis, diarrhea etc | whole plant | available | Own use | Generally, held by community |
| Herb | Patreesh | <i>Aconitum heterophyllum</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | used against diarrhoea , general weakness and fever | roots | available | Own use | Generally, held by community |

| | | | | | | | | | | | | |
|-------|---------------------|------------------------------|------------|-----------|--------------------------------|-----------|-----------|--|-----------------|-----------|---------|---------------------------------|
| Herb | Ceski | <i>Artemesia absinthium</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | remedy for indigestion, gastric pains, antiseptic etc | stem and leaves | available | Own use | Generally, held by community |
| Herb | Bethri dhoop | <i>Juniperus communis</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | curing asthama, against swellings, stimulant and diuretic | flower fruits | available | Own use | Generally, held by community |
| Shrub | Kuth | <i>Sassurea costus</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | dysentery,dental trouble, heart problems etc | leaves/ roots | available | Own use | Generally, held by community |
| Herb | jungli straberry | <i>Fragaria nubicola</i> | wild | Temperate | naturally grown | available | average | Stomach disorders | fruit | available | Own use | Generally, held by community |
| Herb | Haand dandelian | <i>Taraxacum officinalis</i> | wild | Temperate | seeds | rare | rare | treatment of skin ,indigestion, jaundice etc | Leaves | available | Own use | Generally, held by community |
| Herb | Banfsha | <i>Violas serpens</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | cough and cold | whole plant | available | Own use | Generally, held by community |
| Herb | Dramun | <i>Cynodon dactylon</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | used for cough | Stem/ leaves | available | Own use | Generally, held by community |
| Shrub | Datura | <i>Datura stramonium</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | medicine | Seeds | available | Own use | Generally, held by community |
| Shrub | Soi | <i>Urtica dioica</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Average | Rehumitides | Leaves/ stem | available | Own use | Generally, held by community |
| Herb | Bhang | <i>Cannabis sativa</i> | Local/wild | Temperate | naturally grown | Available | Available | treatment of pain , loss of appetite , insomania , depresssion etc | Leaves/ stem | available | Own use | Generally, held by community |
| Herb | Kaudh | <i>Picrorhiza kurroa</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | Pain reliever | | available | Own use | Generally, held by community |
| Herb | Kishmay | <i>Berberis lycium</i> | Local/wild | Temperate | Cultivated/ naturally grown | Available | Available | Jaundice | | available | Own use | Generally, held by community |

| | | | | | | | | | | | | |
|------|--------|------------------------------|------------|---------------------|-----------------|--------|---------|--------------------|--------------------|-----------|---------|------------------------------|
| Herb | Teevnd | <i>Viburnum grandiflorum</i> | wild | Temperate | naturally grown | plenty | average | cough and anticold | flowers /seeds | available | Own use | Generally, held by community |
| Herb | Baryan | <i>Acorus calamus</i> | Local/wild | swampy marshy areas | naturally grown | plenty | average | treatment of gouts | rhizome/ lowe part | available | Own use | Generally, held by community |

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 |
| Silver Oak | Silver oak | <i>Gravilla robusta</i> | | Nature | Non commercial | Ornamentation | | | A few |
| Saroon/Oriental Arbor-vitae | Saru | <i>Platycladus orientalis</i> | | Stems | do | ornamentation | | | do |
| Burnas | Hardul | <i>Rhododendron arboreum</i> | | | do | do | | | do |
| Tree | Gandera | <i>Nerium oleander</i> | - | Plant | Non-Commercial | N.A | N.A | N.A | Generally, held by community |
| Plant | Canna Lily | <i>Canna indica L.</i> | | Plant | Non-Commercial | N.A | N.A | N.A | Generally, held by community |
| Plant | Creek bottlebrush/Melaleuca viminalis | <i>Callistemon viminalis</i> | | Plant | Non-Commercial | N.A | N.A | N.A | Generally, held by community |
| Plant | Oriental Arbor-vitae | <i>Platycladus orientalis (L.) Franco</i> | | Plant | Non-Commercial | N.A | N.A | N.A | Generally, held by community |
| Plant | Alpine Rose | <i>Rosa pendulina L.</i> | | Plant | Non-Commercial | N.A | N.A | N.A | Generally, held by community |

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 | | | | | |
| Pinus | Chir | <i>Pinus roxburghii</i> | High lands | Plenty | Normal | | | | Timber, Fuel wood, Edible and source of oil | |
| Wild walnut | Banakhor | <i>Aesculus indica</i> | do | Plenty | Normal | | Dry fruit | | | |
| Walnut | Akhroot | <i>Juglan regia</i> | Both highland and low land | Plenty | Normal | | do | | | |
| Tree | Walnut | <i>Juglans regia</i> | Temperate | Plenty | Normal | Wild , home | Furniture, tooth cleaner | NA | unknown | |
| Tree | Banj | <i>Quercus incana</i> | Temperate | Plenty | Normal | Wild | Firewood | NA | Unknown | |
| Tree | Apricot | <i>Prunusar meniaca</i> | Temperate | Plenty | Normal | Wild, home | Furniture, firewood | NA | Unknown | |
| Tree | Peach | <i>Prunus persica</i> | temperate | Plenty | Normal | Wild, home | Firewood | NA | Unknown | |

| | | | | | | | | | | |
|-----------|----------|-----------------------------|-----------|--------|--------|--------------------|-----------------------------------|----|----------------|--|
| Tree | Keth | <i>Pyru spashia</i> | Temperate | Plenty | Normal | Wild | Firewood | NA | Unknown | |
| Tree | Rubinkul | <i>Robinia sp</i> | Temperate | Plenty | Normal | wild/ home- garden | Furniture, firewood | NA | Unknown | |
| Tree | Drek | <i>Melia azedarach</i> | Temperate | Plenty | Normal | wild | Furniture, firewood | NA | Unknown | |
| Tree | Moru oak | <i>Quercus floribunda</i> | Temperate | Plenty | Normal | wild | Furniture, firewood | NA | Strongest wood | |
| Tree | Fur | <i>Abies pindrow</i> | Temperate | Plenty | Normal | wild | Furniture, firewood | NA | Unknown | |
| perinnial | Kail | <i>Pinus wallichania</i> | Temperate | Plenty | Normal | wild | Furniture, firewood | NA | Unknown | |
| perinnial | Tulkul | <i>Morus nigra</i> | Temperate | Plenty | Normal | wild/ home- garden | fodder for silk worm and Firewood | NA | Unknown | |
| perinnial | Devdar | <i>Cedrus deodara</i> | Temperate | Plenty | Normal | wild | Furniture, firewood | NA | Strongest wood | |
| perinnial | Kikar | <i>Robinia pseudoacacia</i> | Temperate | Plenty | Normal | wild | fodder for animals and firewood | NA | Unknown | |
| Tree | Chinar | <i>Plantanus orientalis</i> | Temperate | Plenty | Normal | wild/ home- garden | Furniture, firewood | NA | Unknown | |

| | | | | | | | | | | |
|------|---------|-------------------------|-----------|--------|--------|--------------------|------------------------|----|---------|--|
| Tree | Shisham | <i>Dalbergia sissoo</i> | Temperate | Plenty | Normal | wild/ home- garden | Furniture, firewood | NA | Unknown | |
|------|---------|-------------------------|-----------|--------|--------|--------------------|------------------------|----|---------|--|

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 | | | | | |
| Buffalo | Manj | <i>Babulus bubalis</i> | local | Black color body | Domestic | abundant | decreased | Dairy | nil | no | Milk | All |
| Buffalo | Punjabi manj | <i>Bubalus bubalis</i> | murrah | Black color body | Domestic | very few | increased | Dairy | nil | yes | Milk | All |
| Cattle | Gaan | <i>Bos taurus</i> | ND | Low yield | Domestic | abundant | decreased | Dairy | nil | no | Milk | All |
| Chicken | Desi Murga | <i>Galus domesticus</i> | hybrid | hybrid | Domestic | very few | increased | egg & meat | nil | no | Meat | All |
| Dog | kutta | <i>canis familiaris</i> | Local | nil | stray | abundant | abundant | nil | nil | no | Nil | All/Stray |
| Dog | bakerwal kutta | <i>canis familiaris</i> | bakarwal | brown black in color | household | abundant | rare | comparison | nil | no | Nil | Bakerwals |
| Cat | billi | <i>frlis catus</i> | local | grey colored | pet | abundant | abundant | pet | nil | nil | Nil | All Stray |
| Sheep | bhed | <i>Ovis aries</i> | local | small sized rough coat | flock rearing | least concern | least concern | mutton,wool & manure | yes | yes | Meat | All |
| Sheep | bhed | <i>Ovis aries</i> | rambouillet cross | large sized fine wool | flock rearing | least concern | least concern | mutton,wool & manure | yes | yes | Meat | All |
| Goat | Bakri | <i>Capra aegagrus</i> | local | small size low body weight | flock rearing | least concern | least concern | chevon, hair.milk & manure | yes | yes | Meat | All |
| Goat | Bakri | <i>Capra aegagrus</i> | kaghani(bakerwall i) | large size low body weight | flock rearing | least concern | least concern | chevon, hair.milk & manure | yes | yes | Meat | All |
| Goat | Bakri | <i>Capra aegagrus</i> | beetal | large size low body weight | flock rearing | least concern | least concern | chevon, hair.milk & manure | yes | yes | Meat | All |

| | | | | | | | | | | | | |
|----------------|--------------|------------------------------|----------------|--------------------------------------|---------------------------------|----------|-----------|------------|-----|-----|------------|-------------|
| Cattle | Gau | <i>Bos indicus</i> | ND | Low yield | stall feeding | Abundant | Decrease | Dairy | Nil | No | Milk | All |
| | Jersey Gau | <i>Bos taurus</i> | CB Jersey | Dished face | stall feeding / semi intensive | Very few | Increase | Dairy | Nil | yes | Milk | All |
| | Amrekan Gau | <i>Bos taurus</i> | CB HF | Black and white spot | stall feeding / semi intensive | Very few | Increased | Dairy | Nil | Yes | Milk | All |
| Buffalo | Manj | <i>Bubalus bubalis</i> | Local | Low yield | stall feeding | Abundant | Decreased | Dairy | Nil | No | Milk | All |
| | Punjabi Mais | <i>Bubalus bubalis</i> | Murrah /Graded | Black color body | stall feeding / semi intensive | Very few | Increased | Dairy | Nil | Yes | Milk | All |
| Horse | ghoda | <i>Equus caballus</i> | Local | Red color body | Backyard | Abundant | Decrease | Pack/ Cart | Nil | No | Pack/ Cart | All |
| | Parrot | <i>Psittaciformes</i> | Local | parrot green in colour with red beak | Backyard | few | Decrease | decorative | Nil | No | Nil | All |
| | Pigeon | <i>Columbidae</i> | Local | white color , fast growing | Backyard | few | Decrease | decorative | Nil | No | nil | All |
| Dog | Kutta | <i>canis familiaris</i> | Local | Nil | Pet ,Stray | Abundant | Abundant | Nil | Nil | No | Nil | All / stray |
| Rabbit | Khargosh | <i>Oryctolagus cuniculus</i> | White gaint | white | Pet ,wild | few | few | Pet | Nil | No | Nil | All / wild |
| Poultry | Kukkar | Gallus domesticus | Desi/ Local | Enriched Meat Flavour | Intensive, Free range, Backyard | Abundant | Decreased | Egg/Meat | Nil | Nil | Nil | All |
| | Farmi Kukkar | | Chabro Cross | Good Egg Yielder | | Very Few | Increased | | | | | All |

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 | Chir | <i>Pinus roxburghii</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Resin | - | local farmers of rural community |
| Tree | Deodar | <i>Cedrus deodara</i> | Tree | Forest , temperate | Dense | Less dense | Commercial, own use | Whole plant | Furniture, roofing | Furniture | local farmers of rural community |
| Tree | Kail | <i>Pinus wallichiana</i> | Tree | Forest , temperate | Dense | Less dense | Commercial, own use | Whole plant | Furniture, roofing | Furniture | local farmers of rural community |
| Shrubs | Kemel | <i>Barberries</i> | Shrubs | Forest , temperate | Dense | Dense | Commercial, own use | Roots and leaves | Medicinal use | Medicinal | local farmers of rural community |
| Herbs | Datura | <i>Datura stramonium</i> | Herb | Forest , temperate | Dense | Dense | Commercial, own use | seeds | Medicinal use | Medicinal | local farmers of rural community |
| Grasses | Ghass | <i>Rhododendron</i> | Grass | Forest | Dense | Dense | own use | Whole | Medicinal use | Medicinal use | local farmers of rural community |
| Mushroom | Guchhies | <i>Morchella spp.</i> | Mushroom | Temperate | Available | Available | Commercial, own use | Whole plant | Medicinal use | Used in medicines preparation | local farmers of rural community |

| | | | | | | | | | | | |
|-----------|---------------|-----------------------------|------------|-----------|-----------|-----------|---------------------|-------------|---|---------------------------------|----------------------------------|
| Tree | Rubinkul | <i>Robinia sp</i> | Temperate | Temperate | Plenty | least | Furniture, firewood | Whole plant | Firewood | Furniture | local farmers of rural community |
| Tree | Drek | <i>Melia azedarach</i> | Temperate | Temperate | Plenty | Average | Furniture, firewood | Whole plant | furniture, firewood | Furniture | local farmers of rural community |
| Tree | Moru oak | <i>Quercus floribunda</i> | Temperate | Temperate | Plenty | Average | Commercial, own use | Whole plant | Strongest wood | Furniture | local farmers of rural community |
| Tree | Fur | <i>Abies pindrow</i> | Temperate | Temperate | Plenty | Average | Furniture, firewood | Whole plant | Furniture, roofing | Furniture | local farmers of rural community |
| perinnial | Kikar | <i>Robinia pseudoacacia</i> | Temperate | Temperate | Plenty | Average | , own use | Whole plant | Firewood | fodder for animals and firewood | local farmers of rural community |
| Tree | Chinar | <i>Plantanus orientalis</i> | Temperate | Temperate | Plenty | least | Commercial, own use | Whole plant | Furniture, roofing | Furniture, firewood | local farmers of rural community |
| Tree | Shisham | <i>Dalbergia sissoo</i> | Temperate | Temperate | Plenty | Average | Commercial, own use | Whole plant | Furniture, roofing | Furniture, firewood | local farmers of rural community |
| Herb | Neg chetri | <i>Trillium govanianum</i> | Local/wild | Temperate | Available | Available | Commercial, own use | Whole plant | Anti inflammatory remedy | Medicinal use | local farmers of rural community |
| Herb | Zakhm e hayat | <i>Bergenia ciliata</i> | Local/wild | Temperate | Available | Available | Commercial, own use | leaves | Wound healing, vomiting ,fever, coughand pulmonary infections | Medicinal use | local farmers of rural community |
| Herb | chooray | <i>Angelica glauca</i> | Local/wild | Temperate | Available | Available | Commercial, own use | stems | dysentery, stomach troubles , infantile atrophy,menorrhagia andrinderpest | Medicinal use | local farmers of rural community |

| | | | | | | | | | | | |
|-------|------------------|-------------------------------|------------|-----------|-----------|-----------|---------------------|---------------|--|---------------|----------------------------------|
| Herb | Gucchi | <i>Helvella esculenta</i> | Local/wild | Temperate | Available | Available | Commercial, own use | whole plant | prevent heart diseases and diabatics | Medicinal use | local farmers of rural community |
| Herb | pitpapda | <i>Fumeria parviflora</i> | Local/wild | Temperate | Available | Available | Commercial, own use | whole plant | treatment of fever, gastritis, diarrhea etc | Medicinal use | local farmers of rural community |
| Herb | Patreesh | <i>Aconitum heterophyllum</i> | Local/wild | Temperate | Available | Available | Commercial, own use | roots | used against diarrhoea , general weakness and fever | Medicinal use | local farmers of rural community |
| Herb | Ceski | <i>Artemesia absinthium</i> | Local/wild | Temperate | Available | Available | Commercial, own use | leaves/ stems | remedy for indigestion, gastric pains, antiseptic etc | Medicinal use | local farmers of rural community |
| Herb | Bethri dhoop | <i>Juniperus communis</i> | Local/wild | Temperate | Available | Available | Commercial, own use | flower fruits | curing asthma, against swellings, stimulant and diuretic | Medicinal use | local farmers of rural community |
| Shrub | Kuth | <i>Sassurea costus</i> | Local/wild | Temperate | Available | Available | Commercial, own use | leaves/ roots | dysentery,dental trouble, heart problems etc | Medicinal use | local farmers of rural community |
| Herb | jungli straberry | <i>Fragaria nubicola</i> | wild | Temperate | available | average | Commercial, own use | fruit | Stomach disorders | Medicinal use | local farmers of rural community |
| Herb | Haand dandelian | <i>Taraxacum officinalis</i> | wild | Temperate | rare | rare | Commercial, own use | Leaves | treatment of skin ,indigestion, jaundice etc | Medicinal use | local farmers of rural community |
| Herb | Banfsha | <i>Violas serpens</i> | Local/wild | Temperate | Available | Available | Commercial, own use | whole plant | cough and cold | Medicinal use | local farmers of rural community |
| Herb | Dramun | <i>Cynodon dactylon</i> | Local/wild | Temperate | Available | Available | Commercial, own use | Stem/ leaves | used for cough | Medicinal use | local farmers of rural community |

| | | | | | | | | | | | |
|-------|---------------------------|--------------------------------|------------|-------------------------|-----------------|--------------------|---------------------|----------------|---|---------------|----------------------------------|
| Shrub | Datura | <i>Datura stramonium</i> | Local/wild | Temperate | Available | Available | Commercial, own use | Seeds | medicine | Medicinal use | local farmers of rural community |
| Shrub | Soi | <i>Urtica dioica</i> | Local/wild | Temperate | Available | Average | Commercial, own use | Leaves/ stem | Rehumitides | Medicinal use | local farmers of rural community |
| Herb | Bhang | <i>Cannabis sativa</i> | Local/wild | Temperate | Available | Available | Commercial, own use | Leaves/ stem | treatment of pain , loss of appetite , insomania , depression etc | Medicinal use | local farmers of rural community |
| Herb | Teevnd | <i>Viburnum grandiflorum</i> | Herb | Temperate/ Intermediate | Available | Available | Commercial, own use | flowers /seeds | cough and anticold | Medicinal use | local farmers of rural community |
| Grass | Oats | <i>Avena sativa</i> | Herb | Irrigated areas | Local varieties | Improved varieties | own use | Leaves/ stem | Fodder | NA | local farmers of rural community |
| Grass | Berseem (Egyptian Clover) | <i>Trifolium alexandrinum</i> | Herb | Temperate/ Intermediate | NA | Improved varieties | own use | Leaves/ stem | Fodder | NA | local farmers of rural community |
| Grass | Milkweed | <i>Euphorbia thymifolia</i> | Herb | Temperate/ Intermediate | local varieties | local varities | own use | Leaves/ stem | Fodder | NA | local farmers of rural community |
| Grass | Charri | <i>Sorghum bicolor</i> | Herb | Temperate/ Intermediate | local varities | local varities | own use | Leaves/ stem | Fodder | NA | local farmers of rural community |
| Grass | Berea grass | <i>Dactyloctenium australe</i> | Herb | Temperate/ Intermediate | local varities | Improved varieties | own use | Leaves/ stem | Fodder | NA | local farmers of rural community |
| Grass | Bray grass | <i>Sorghum halepense</i> | Herb | Temperate/ Intermediate | local varities | Improved varieties | own use | Leaves/ stem | Fodder | NA | local farmers of rural community |

| | | | | | | | | | | | |
|------|--------|-------------------|------|-----------------------|------|----------|--------------------|-----------------|---|---|----------------------------------|
| Tree | Safeda | <i>Eucalyptus</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/Own use | Timber/Firewood | - | - | local farmers of rural community |
|------|--------|-------------------|------|-----------------------|------|----------|--------------------|-----------------|---|---|----------------------------------|

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 | c.knowledge holder |
| | | | | | Past | Present | | | | | |
| Plant | Bankakri | <i>Podophyllum hexandrum</i> | plant | Temperate | Available | Available | Available | It has been found to be effective in controlling skin diseases and recently attracted attention for use in certain form of cancer | Fruit | own use | local farmers of rural community |
| Herb | Banafsha | <i>Viola spp.</i> | Herb | Temperate | Available | Available | Available | Flowers are used in perfumery and are also used medicinally as demulcent and biliousness and lungs troubles | Flower | own use /marketing | local farmers of rural community |
| Climber | Kins | <i>Dioscorea deltoidea</i> | Climber | Temperate | Available | Available | Available | The yield Diosgenin, which is used to synthesize sex hormones and Cortisone, Cortisone is extensively and used in rheumatism and allergic conditions. Propagation of the species is through rhizome. | Tuber | own use | local farmers of rural community |
| Mushroom | Guchhies | <i>Morchella spp</i> | Mushroom | Temperate | Abundant | rare | available | Used in medicines preparation | Whole plant | own use /marketing | local farmers of rural community |
| Herb | Neg chetri | <i>Trillium govaniatum</i> | Herb | Temperate | Abundant | average | Available | Anti inflammatory remedy , | Whole plant | own use /marketing | local farmers of rural community |
| Herb | Zakhm e hayat | <i>Bergenia ciliata</i> | Herb | Temperate | abundant | abundant | Available | Wound healing, vomiting ,fever, cough and pulmonary infections | leaves | own use /marketing | local farmers of rural community |
| Herb | chooray | <i>Angelica glauca</i> | Herb | Temperate | abundant | abundant | Available | dysentery, stomach troubles , infantile atrophy,menorrhagia and rinderpest | stems | own use /marketing | local farmers of rural community |
| Herb | Guchchi | <i>Helvella esculenta</i> | Herb | Temperate | abundant | average or rare | Available | | whole plant | own use /marketing | local farmers of rural community |
| Herb | pitpapda | <i>Fumeria parviflora</i> | Herb | Temperate | abundant | average | Available | treatment of fever, gastritis, diarrhea etc | whole plant | own use /marketing | local farmers of rural community |

| | | | | | | | | | | | |
|------|------------------|-------------------------------|------|-----------|-----------|-----------|-----------|--|----------------|--------------------|----------------------------------|
| Herb | Patreesh | <i>Aconitum heterophyllum</i> | Herb | Temperate | abundant | average | Available | used against diarrhoea , general weakness and fever | roots | own use /marketing | local farmers of rural community |
| Herb | Ceski | <i>Artemesia absinthium</i> | Herb | Temperate | abundant | abundant | Available | remedy for indigestion, gastric pains, antiseptic etc | | own use /marketing | local farmers of rural community |
| Herb | Bethri dhoop | <i>Juniperus communis</i> | Herb | Temperate | Available | Available | Available | curing asthama, against swellings, stimulant and diuretic | flower fruits | own use /marketing | local farmers of rural community |
| Herb | Kuth | <i>Sassurea costus</i> | Herb | Temperate | abundant | Available | Available | dysentry,dental trouble, heart problems etc | leaves/ roots | own use /marketing | local farmers of rural community |
| Herb | jungli straberry | <i>Fragaria nubicola</i> | Herb | Temperate | abundant | average | Available | Stomach disorders | fruit | own use /marketing | local farmers of rural community |
| Herb | Haand dandelian | <i>Taraxacum officinalis</i> | Herb | Temperate | rare | rare | Available | treatment of skin ,indigestion, jaundice etc | Leaves | own use /marketing | local farmers of rural community |
| Herb | Banfsha | <i>Violas serpens</i> | Herb | Temperate | Available | Available | Available | cough and cold | whole plant | own use /marketing | local farmers of rural community |
| Herb | Dramun | <i>Cynodon dactylon</i> | Herb | Temperate | abundant | abundant | Available | used for cough | Stem/ leaves | own use /marketing | local farmers of rural community |
| Herb | Datura | <i>Datura stramonium</i> | Herb | Temperate | Available | Available | Available | medicine | Seeds | own use /marketing | local farmers of rural community |
| Herb | Soi | <i>Urtica dioica</i> | Herb | Temperate | abundant | Average | Available | Rehumitides | Leaves/ stem | own use /marketing | local farmers of rural community |
| Herb | Bhang | <i>Cannabis sativa</i> | Herb | Temperate | abundant | abundant | Available | treatment of pain , loss of appetite , insomnia , depression etc | Leaves/ stem | own use /marketing | local farmers of rural community |
| Herb | Kaudh | <i>Picrorhiza kurroa</i> | Herb | Temperate | Available | Available | Available | Pain reliever | | own use /marketing | local farmers of rural community |
| Herb | Kishmay | <i>Berberies lycium</i> | Herb | Temperate | Available | Available | Available | Jaundice | | own use /marketing | local farmers of rural community |
| Herb | Teevnd | <i>Viburnum grandiflorum</i> | Herb | Temperate | plenty | average | Available | cough and anticold | flowers /seeds | own use /marketing | local farmers of rural community |

| | | | | | | | | | | | |
|---------|-----------|-------------------------------|---------|-----------|--------|---------|-----------|--|--------------|--------------------|----------------------------------|
| Herb | Patrees | <i>Aconitum heterophyllum</i> | Herb | Temperate | plenty | average | Available | It is an excellent tonic for combating ability after malarial & other fevers & diseases | Roots | own use /marketing | local farmers of rural community |
| Herb | Banafsha | <i>Viola</i> | Herb | Temperate | plenty | average | Available | Flowers are used in perfumery & are also used medicinally as demulcent and biliousness & lungs trouble | Flower | own use /marketing | local farmers of rural community |
| Herb | Kuth | <i>Soussurea lappa</i> | Herb | Temperate | plenty | average | Available | Used in treatment of cough, asthma & fever. | Root | own use /marketing | local farmers of rural community |
| Climber | Dioscorea | <i>Dioscorea deltoidea</i> | Climber | Temperate | plenty | average | Available | The tubers yield diosgenin, which is used to synthesize sex hormones. | Tuber | own use /marketing | local farmers of rural community |
| Shrub | Simlu | <i>Berberis lyceum</i> | Shrub | Temperate | plenty | average | Available | It is an excellent tonic for combating ability after malarial & other fevers & diseases | Fruit, roots | own use /marketing | local farmers of rural community |

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 |
| Saroon | <i>Cupressus</i> | | lowland | non commercial | | nil | |
| Gandila | <i>Nerium indicum</i> | Shrub | Northern/ Sub-Tropical | non commercial | - | - | Locals |
| Bougainvillea | <i>Bougainvillea glabra</i> | Shrub | Northern/ Sub-Tropical | non commercial | | - | Locals |
| Gandera | <i>Nerium oleander</i> | Shrub | Northern/ Sub-Tropical | non commercial | | | 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 - Spearmint | Pudna | <i>Mentha spicata L.</i> | Lamiaceae | Homestead, agricultural land | Abudant | Abudant | Spice | Leaves | Anti cancer activity against different types of human cancers as cervix, breast and many others | Widely used in savory dishes, food, beverages, and confectionary products | Locals |
| Herb - Holy Basil | Tulsi | <i>Ocimum tenuiflorum</i> | | Moist soil | Normal | Normal | Medicinal | Leaves | Used in Cough, Colds, Asthma, and Bronchitis | Effective remedy for hair loss treatment | Locals |
| Herb | Methi | <i>Treionellafoenum graceum</i> | Annual plant | temperate regions /homegardens | Plenty | Normal | used in stomach troubles and anaemia | leaves and seeds | cooking | NA | local farmers |

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 | | | | |
| Chir Pine | <i>Pinus Roxiburghi</i> | Terrestrial temperate | good | rare | NA | NA | nil | local people |
| Deodar | <i>Cedrus deodara</i> | Terrestrial temperate | good | rare | Dense | NA | Commercial, own use | local people |
| Fir | <i>Abies pindrow</i> | Terrestrial temperate | good | rare | Dense | NA | Commercial, own use | local people |
| Kail | <i>Pinus wallichiana</i> | Terrestrial temperate | good | rare | Dense | NA | Commercial, own use | local people |
| Walnut | <i>Juglans regia</i> | Terrestrial temperate | good | rare | Furniture, tooth cleaner | NA | Commercial, own use | local people |
| Banj | <i>Quercus incana</i> | Terrestrial temperate | good | rare | Furniture, roofing | NA | Commercial, own use | local people |
| Apricot | <i>Prunusar meniaca</i> | Terrestrial temperate | good | rare | Furniture, roofing | NA | Commercial, own use | local people |
| Peach | <i>Prunus persica</i> | Terrestrial temperate | good | rare | Furniture, roofing | NA | Commercial, own use | local people |
| Keth | <i>Pyru spashia</i> | Terrestrial temperate | good | rare | Furniture, roofing | NA | Commercial, own use | local people |
| Rubinkul | <i>Robinia sp</i> | Terrestrial temperate | good | rare | Furniture, roofing | NA | Commercial, own use | local people |
| Drek | <i>Melia azedarach</i> | Terrestrial temperate | good | rare | ,firewood , furniture | NA | Commercial, own use | local people |
| Moru oak | <i>Quercus floribunda</i> | Terrestrial temperate | good | rare | furniture, roofing ,ploughing equipment etc | NA | Commercial, own use | local people |
| Kikar | <i>Robinia pseudoacacia</i> | Terrestrial temperate | good | rare | use for fodder ,firewood | NA | Commercial, own use | local people |

| | | | | | | | | |
|---------|-----------------------------|-----------------------|------|----------|-------------------------------------|---------------------|---------------------|--------------|
| Chinar | <i>Plantanus orientalis</i> | Terrestrial temperate | good | rare | Furniture, roofing | NA | Commercial, own use | local people |
| Shisham | <i>Dalbergia sissoo</i> | Terrestrial temperate | good | rare | Furniture, roofing | NA | Commercial, own use | local people |
| Teak | <i>Tectona granis</i> | Terrestrial temperate | good | rare | furniture, roofing etc | NA | Commercial, own use | local people |
| Tulkul | <i>Morus nigra</i> | Terrestrial temperate | good | rare | firewood , fodder for silkworm etc. | NA | Commercial, own use | local people |
| Safeda | <i>Eucalyptus</i> | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | - | - |

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 |
|-----------------|------------|---------------------------|-----------|---------------------------------|---------------------|--------------|---------|---------------|---------------|--------------------------------------|-----------------------|-----------------------------|
| Animal Type | Local Name | Scientific Name | Habitat | Description | Season when seen | Local Status | | Uses (if any) | Associated TK | Mode of Hunting, collecting (if any) | Other details | Community/ Knowledge Holder |
| | | | | | | Past | Present | | | | | |
| Grey Junglefowl | Bankukard | <i>Gallus Sonneratii</i> | Highlands | The species is endemic to India | November to January | Good | Rare | | | Hunting Banned | | |
| Mammals | Chitra | <i>Panthera pardus</i> | Forest | Endangered | Winter season | Least | More | - | - | Weapon | endangered | - |
| Mammal | Bhalu | <i>Ursus americanus</i> | Forest | - | summer | Least | More | - | - | Weapon | - | - |
| Mammal | Fox | <i>Vulpes vulpis</i> | Forest | - | All season | More | More | - | - | Weapon | - | - |
| Birds | Neel | <i>Monal pheasant</i> | forest | Endangered | All season | Least | Least | - | - | Weapon | Endangered | - |
| Birds | Gid | <i>Gyps africanus</i> | Forest | Critically Endangered | All season | Least | Least | - | - | Weapon | Critically Endangered | - |
| Birds | Chakore | <i>Pheasant</i> | Forest | Endangered | All season | Least | Least | - | - | Weapon | Endangered | - |
| Birds | kabutar | <i>Columba livia</i> | Forest | - | All season | More | More | - | - | Weapon | - | - |
| Reptile | Saanf | <i>Ptyas mucosa</i> | Forest | - | summer | More | More | - | - | Stick | - | - |
| Reptile | Saanf | <i>Lycodon Mackinnoni</i> | Forest | - | Summer | More | More | - | - | Stick | - | - |

| | | | | | | | | | | | | |
|---------|-------------|------------------------------|------------------|------------------------|-------------------|-----------|-----------|---------------------|---|------------|----------------------------|---------------|
| Lizards | chipkali | <i>Hemidactylus brookii</i> | Forest/Local | _ | Summer | More | More | _ | _ | Stick | - | _ |
| Aquatic | Fish | <i>Trout</i> | Pond / Nalla | _ | all | More | More | _ | _ | Hook n Net | _ | _ |
| Bird | Iel | <i>Gyps himayensis</i> | Forest | | All time | Available | Less | No | | Prohibited | Maintains forest ecosystem | Self-observed |
| Bird | Khukhow | <i>Clamato rJacabinu</i> | Forest | | Spring season | Available | Less | No | | Prohibited | Maintains forest ecosystem | Self-observed |
| Bird | Dhik Charak | <i>Picus cholorolophus</i> | Forest | | All time | Available | Less | No | | Prohibited | Maintains forest ecosystem | Self-observed |
| Bird | Kova | <i>Corvus smacrorhynchos</i> | Forest | | All time | Available | Less | No | | Prohibited | Maintains forest ecosystem | Self-observed |
| Snake | Samp /sap | <i>Serpentes</i> | Forest /water | | All time | Available | Less | No | | Prohibited | Maintains forest ecosystem | Self-observed |
| Fishes | Machli | <i>Himaliyan trout</i> | Water | | All time | Available | Available | No | | Prohibited | Maintains forest ecosystem | Self-observed |
| Bird | Myna | <i>Acridotheres tristis</i> | Forest | | all time | common | common | No | | Prohibited | Maintains forest ecosystem | local people |
| Insect | Tuller | <i>Apis melifera</i> | Temperate region | Dark brown colour body | Spring and summer | common | common | extraction of honey | | NA | pollinating agent | local people |

| | | | | | | | | | | | | |
|--------------|----------------------|---------------------------|------------------------|--|-------------------------|--------|--------|----|---|----|--|--------------|
| Insect | Mohh | <i>Aedes spp</i> | Temperate region | white marking on their legs and body | summer | common | common | Na | | NA | body parasite of human and animals | local people |
| Insect | spider | <i>Araneus mitificus</i> | Temperate region | males are smaller and less colourful than females | all time | common | common | Na | | NA | NA | local people |
| Insect | Bomsin | <i>Pheretima posthuma</i> | Temperate region | individual are hermaphrodite with segmented bodies | during summers | common | common | Na | | Na | known as farmers friends | local people |
| Insect | Raeii | <i>Tapinoma sessile</i> | Temp. region | small sized insects with varied body | during summers | common | common | NA | | NA | Strongly attracted to sweet substances | local people |
| Insect | Tcharr | <i>Cimex lectularius</i> | Temperate region | Adult cimex are light brown in colour ,flat oval | during summers | common | common | NA | | na | nuisance pest | local people |
| Amphibian | Meinn | <i>Rana tigrina</i> | semi aquatic | solitary and nocturnal in nature | during spring to autumn | common | common | NA | | NA | | local people |
| Wild Bird | Red jungle fowl | <i>Gallus gallus</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |
| Wild bird | Rose ringed parakeet | <i>Psittaculidae</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |
| Wild Animal | Fox | <i>Vulpes</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |
| Wild Animal | Porcupine | <i>Erethizon dorsatum</i> | Northern/ Sub-Tropical | - | - | Rare | Rare | - | - | - | | local people |
| wild insects | Grasshopper | <i>Parallelus</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |

| | | | | | | | | | | | | |
|--------------|------------|---------------------------------|------------------------|---|---|------|------|---|---|---|--|--------------|
| wild insects | butterfly | <i>Chorthippus brunneus</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |
| wild insects | bees | <i>Apis mellifera</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |
| wild insects | ants | <i>Brachymyrmex patagonicus</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |
| wild insects | Bumble bee | <i>Bombus</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |
| Amphibia | Frog | <i>Euphlyctis cyanophlyctis</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |
| Reptiles | Snake/Sap | <i>Serpentes</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | local people |

Format 29: Flora

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---------|------------|---------------|---|-----------------|----------------|--|------------------------------|
| Sr. No. | Local Name | Family | Scientific Name | Uses | Type of Plants | Habitat | Remarks (Rare / Common etc.) |
| 1 | Kikar | Fabaceae | <i>Acacia nilotica (L.) Wild.</i> | Fuel, Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 2 | Chikri | Buxaceae | <i>Buxus Wallichiana L.</i> | Fuel, Furniture | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 3 | Khirk | Ulmaceae | <i>Celtis australis L.</i> | Fuel, Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 4 | Tali | Fabaceae | <i>Dalbergia sisso Roxb.ex DC</i> | Fuel, Furniture | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 5 | Malook | Ebenaceae | <i>Diospyros lotus L.</i> | Fuel, Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 6 | Tossi | Moraceae | <i>Ficus hispida L.</i> | Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 7 | Phagwara | Moraceae | <i>Ficus palmata Forssk.</i> | Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 8 | Thaman | Tiliaceae | <i>Grewia optiva J.R Drumm.</i> | Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 9 | Khor | Juglandiaceae | <i>Juglans regia L.</i> | Fruit, Fuel | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 10 | Kamila | Euphorbiaceae | <i>Mallotus Philippinensis (Lamk) Muell</i> | Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 11 | Seb | Rosaceae | <i>Malus pumila Mill.</i> | Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 12 | Dareek | Meliaceae | <i>Melia azedarach L.</i> | Fuel, Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 13 | Toot | Moraceae | <i>Morus alba L.</i> | Fruit, Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 14 | Kahu | Oleaceae | <i>Olea cuspidata Wall ex DC.</i> | Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 15 | Chir Pine | Pinaceae | <i>Pinus roxburghi Roxb.</i> | Fuel, Furniture | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |

| | | | | | | | |
|----|---------|--------------|-----------------------------------|-------------------|----|--|--------|
| 16 | Chinar | Plantanaceae | <i>Platanus orientalis L.</i> | Aesthetic, Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 17 | Khari | Rosaceae | <i>Prunus armeniaca L.</i> | Fuel, Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 18 | Plump | Rosaceae | <i>Prunus domestica L.</i> | Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 19 | Dharuna | Punicaceae | <i>Punica granatum L.</i> | Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 20 | Rawara | Rosaceae | <i>Prunus persica (L.) Batsch</i> | Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 21 | Nakh | Rosaceae | <i>Pyrus communis L.</i> | Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 22 | Batangi | Rosaceae | <i>Pyrus pashia Buch-Ham.</i> | Fuel, Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 23 | Dandali | Rosaceae | <i>Pyrus persica Pers.</i> | Fuel, Fruits | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |
| 24 | Beesa | Salicaceae | <i>Salix alba Boiss.</i> | Fuel, Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 25 | Mannu | Ulmaceae | <i>Ulmus wallichiana Planch.</i> | Fuel, Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Common |
| 26 | Ber | Rhamnaceae | <i>Ziziphus mauritiana Lamk.</i> | Fruit, Fodder | NA | Humid Sub-Tropical/Temperate Area with Moderate Rainfall | Rare |

Format 30: Fauna

| 1 | 2 | 3 | 4 | 5 | 6 |
|---------|------------------------|----------------------------------|--|------------------|---------------------------------|
| Sr. No. | Local Name | Scientific Name | Type of Animals (Mammals / Birds / Fish / Insect etc.) | Habitat | Remarks (Rare / Common etc.) |
| 1 | Ant (Pillian) | <i>Formicidae</i> | Insect | Terrestrial | Common |
| 2 | Bee (Trumdi) | <i>Anthophila</i> | Insect | Terrestrial | Common |
| 3 | Cow (Gaan) | <i>Bos taurus</i> | Mammal | Terrestrial | Common |
| 4 | Buffalow (Manj) | <i>Bubalus</i> | Mammal | Terrestrial | Common |
| 5 | Sheep (Bhed) | <i>Ovis aries</i> | Mammal | Terrestrial | Common |
| 6 | Goat (Bakre) | <i>Capra aegagrus hircus</i> | Mammal | Terrestrial | Common |
| 7 | Sparrow (Chidi) | <i>Passeridae</i> | Bird | Terrestrial | Common |
| 8 | Crow (Kowa) | <i>Corvus</i> | Bird | Terrestrial | Common |
| 9 | Parrot (Tota) | <i>Psittaciformes</i> | Bird | Terrestrial | Common |
| 10 | Butterfly (Titli) | <i>Rhopalocera</i> | Insect | Terrestrial | Common |
| 11 | Mosquito (Macchhar) | <i>Culicidae</i> | Insect | Terrestrial | Common |
| 12 | Cater pillar | <i>Larva</i> | Insect | Terrestrial | Common |
| 13 | Frog (Daduu) | <i>Anura</i> | Aquatic Animal | Aquatic | Common |
| 14 | Fox (Lomdi) | <i>Vulpes vulpis</i> | Mammal | Terrestrial | Common |
| 15 | Bats (Chamgidar) | <i>Chiroptera</i> | Bird | Terrestrial/Wild | Common |
| 16 | Mongoose (Nol) | <i>Herpestidae</i> | Mammal | Terrestrial/Wild | Common |
| 17 | Bhalu (Richh) | <i>Ursus americanus</i> | Mammal | Wild Animal | Common |

Format 31: Any other information of local importance

| 1 | 2 | 3 |
|---------|---|---------|
| Sr. No. | Information of local importance | Remarks |
| 1 | the halqa panchayat is very far flung near the POK Border, situated in Pirpanjal hilly region with less road connectivity | Nil |
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