

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Yourdoo

Taluk/Tehsil: Marwah

District: Kishtwar

State/UT: Jammu And Kashmir

Geographical Area of the pancahayt Samiti:

Population Of the Panchayat samiti...Total 3500

Male= 1800

Female = 1700

Habitat and Topography: Hily & Terrain

Climate (Rainfall, Temperature and other weather patterns):

Land Use (Nine fold classification available with village records):

Date, Month and Year of PBR preparation : 31/03/2021

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

Annexure - 1

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

1)Name of the Chairperson: Khalio Hussain s/o Mohd. Mukhtar Lone

Age: 35

Gender: Male

Address:- Yourdoo

Area of specialization: Agriculture

2) Name: Arosa Abass d/o Mohd Abass

Age: 27

Gender: Male

Address: Yourdoo

Area of specialization:

3)Name: Rukiya Shaban d/o Mohd Shaban

Age: 28

Gender: Female

Address: Yourdoo

Area of specialization:

4)Name: Vacant

Age:

Gender:

Address:

Area of specialization:

5)Name: Bilal Ahmed s/o Ab Rashid Butt

Age: 25

Gender: Male

Address: Yourdoo

Area of specialization:

6)Name: Ab Fatha s/o AB Aziz Butt

Age: 65

Gender: Male

Address: Yourdoo

Area of specialization: Agriculture

7)Name: Rouf-u-Islam s/o Mohd Yousuf Lone

Age: 35

Gender: Male

Address: Yourdoo

Area of specialization:

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

1) Name : M. Mahrad Sheikh

Age: 60

Gender: Male

Address: Yourdoo

Area of specialization: He used Turmeric, salt and Oil for broken bones and then bandaged

Location from which the person accesses biological material: local/non local

Perception of the practitioner on the resource status:less local resources available

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 :

Age:

Gender:

Address:

Area of specialization: Agriculture

2) Name :

Age:50

Gender:

Address:

Area of specialization:

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson:

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 Person:

Name and Address:

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

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

Annexure-5**Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing**

| 1 | 2 | 3 | 4 | 5 | 6 |
|-------------|---|---|--|---|---|
| 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 |
| | | | | | |
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| | | | | | |
| | | | | | |

End of Part I

Part II

PBR – Formats

AGROBIODIVERSITY

Format 1: Crop Plants

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

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 /own use | Community / Knowledge holder |
| | | | | | Past | Present | | | | | | |
| Apple | <i>Malus domestica</i> | Saib | Red delicious, Golden delicious, Ambri | Lowland valley / home gardens | Plenty | Plenty | Local preserved / Horticulture Deptt./ Pvt. Nursery | Aug-Sept | Reducing cholesterol, lowering blood sugar level | Nutritious value | Market / own use | Locals |
| Apricot | <i>Prunus armeniaca</i> | Khubani | Safeda, Qadri | -do- | Plenty | Rare | Local preserved / grafting | June-July | Cures heart diseases | Nutritious value | Market / own use | Locals |
| Walnut | <i>Juglans regia</i> | Akhroot | Local | Lowland valley / Agricultural land | Plenty | Plenty | Local preserved / Horticulture Deptt. | Aug-Sept | Reduces prostrate cancer and diabetes | Nutritious value | Market / own use | Locals |
| Pear | <i>Pyrus</i> | Tang | Babugosha, Moti Daddi, Half red Naak, Misri Tang | -do- | Plenty | Plenty | Local preserved / grafting | Aug-Sept | Uses for mild digestion problems, diarrhea, severe cholera | Nutritious value | Market / own use | Locals |
| Peach | <i>Prunus armwniaca</i> | Aadu | Local, Shan-e-Punjab, Amba | -do- | Plenty | Plenty | Local preserved | Aug-Sept | Provides more energy | Nutritious value | Market / own use | Locals |
| Pomegranate | <i>Punica granatum</i> | Anardana | Local wild / Ganesh, Kandhari | -do- | Plenty | Plenty | Local preserved | Sept-Oct | Provides more energy | Nutritious value | Market / own use | Locals |
| Grapes | <i>Vitis vinifera</i> | Angoor | Local / Hybrid | -do- | Plenty | Plenty | Local preserved | Aug-Sept | Provides more energy | Nutritious value | Market / own use | Locals |

| | | | | | | | | | | | | |
|----------|-------------------------|-------------|--------------------|------------------|--------|--------|---------------------------------|----------|----------------------|------------------|------------------|--------|
| Cucumber | <i>Curmis sativus</i> | Khira | Local / Hybrid | Agriculture land | Plenty | Plenty | Local preserved / Seed shops | Aug-Sept | Provides more energy | Nutritious value | Market / own use | Locals |
| Plum | <i>Prunus domestica</i> | Alu Bukhara | Santa Rosa / Local | Agriculture land | Plenty | Plenty | Local preserved / Seed shops | Aug-Sept | Provides more energy | Nutritious value | Market / own use | Locals |
| Quince | <i>Cydonia oblonga</i> | Beehi | Local | Agriculture land | Plenty | Plenty | Local preserved / Seed shops | Aug-Sept | Provides more energy | Nutritious value | Market / own use | Locals |

Format 3: Fodder Crops / Species

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 |
|-----------|-----------------------------|--------------|---------------------|--------------|---------|---|--|--------------------|---------------------------------------|------------------------------|
| Plant | Scientific Name | Local Name | Landscape / Habitat | Local Status | | Source of Plants / Seeds | Associated TK | Part Used | Other details | Community / Knowledge holder |
| | | | | Past | Present | | | | | |
| Oak | <i>Quercus ilex</i> | Heru | Lowland / Forest | Plenty | Plenty | Natural propagation | Green leaves as fodder which provides more energy to livestock | Green Leaves | Also used as fuel wood & soil binder | Locals |
| Robenia | <i>Roninia pseudoacacia</i> | Kikar | Lowland / Forest | Plenty | Plenty | Natural propagation / Artificial regeneration | -do- | Green Leaves | Also a good soil binder plant | Locals |
| Ban oak | <i>Aescules indica</i> | Gug | Lowland / Forest | Plenty | Plenty | Natural propagation / Artificial regeneration | -do- | Green Leaves | Also used as fuel wood | Locals |
| Ailanthus | <i>Ailanthus altissima</i> | Fak kul | Lowland / Forest | Plenty | Plenty | Natural propagation | -do- | Green Leaves | Also used as fuel wood | Locals |
| Willow | <i>Salix alba</i> | Ier kul | Lowland / Forest | Plenty | Plenty | Natural propagation / Artificial regeneration | -do- | Green Leaves | Also used as fuel wood | Locals |
| Fig | <i>Ficus palmate</i> | Figura | Lowland / Forest | Plenty | Plenty | Natural propagation | Provides fodder and more energy to livestock | Green / dry Leaves | Fruit edible & also used as fuel wood | Locals |
| Rice | <i>Oryza sativa</i> | Dhan / tamul | Lowland valleys | Plenty | Rare | Local preserved | Provides fodder and more energy to livestock | Whole plant | Also provides food grains | Locals |

| | | | | | | | | | | |
|--------|------------------------|--------|-----------------|--------|--------|--------------------------------------|--|-------------|---------------------------|--------|
| Wheat | <i>Triticum</i> | Gundam | Lowland valleys | Plenty | Plenty | Local preserved / Agriculture Deptt. | Provides fodder and more energy to livestock | Whole plant | Also provides food grains | Locals |
| Barley | <i>Hordeum vulgare</i> | Jow | Lowland valleys | Plenty | Rare | Local preserved | Green & dry plant used as fodder for the livestock | Whole plant | Also provides food grains | Locals |
| Maize | <i>Zea mays</i> | Maki | Lowland valleys | Plenty | Plenty | Local preserved | Provides fodder and more energy to livestock | Whole plant | Also provides food grains | Locals |
| Oat | <i>Avena sativa</i> | Lawn | Lowland valleys | Rare | Plenty | Local preserved / Agriculture Deptt. | Green & dry plant used as fodder for the livestock | Whole plant | Fodder crop | Locals |

Format 4: Weeds

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 |
|-------|---------------------------------|----------------|--------------------------|--|---------------------|--------------|---------|--------------|-----------------------------------|-----------------------------|---------------------------|------------------------------|
| Plant | Scientific Name | Local Name | Affected crop | Impact | Landscape / Habitat | Local Status | | Uses if any | Management options | Associated TK | Other details like exotic | Community / Knowledge holder |
| | | | | | | Past | Present | | | | | |
| Grass | <i>Parthenium hysterophorus</i> | Congress grass | Every crop even to human | Less growth of affected crop and causes severe itching in humans | Forest / Lowland | Plenty | Plenty | - | Pesticide spraying / plucking out | Causes severe skin problems | Not reported | Locals |
| Grass | <i>Cynodon dactylon</i> | Drub grass | Every crop | Less growth of affected crop | Forest / Lowland | Plenty | Plenty | Fodder grass | Pesticide spraying / plucking out | Religious purpose | Not reported | Locals |
| Grass | <i>Murshilea quadrifoliata</i> | Grass | Rice | -do- | Lowland | Plenty | Plenty | - | Pesticide spraying / plucking out | Weed | Not reported | Locals |
| Grass | <i>Echinochota crus galli</i> | Grass | Rice | -do- | Lowland | Plenty | Plenty | - | Pesticide spraying / plucking out | Weed | Not reported | Locals |
| Grass | <i>Anagallis arvensis</i> | Grass | Maize | -do- | Lowland | Plenty | Plenty | - | Pesticide spraying / plucking out | Weed | Not reported | Locals |

| | | | | | | | | | | | | |
|-------|--------------------------|------------|------------|------|-----------------|--------|--------|---|-----------------------------------|------------------------------------|-----------------------------------|--------|
| Grass | <i>Lolium temulentum</i> | Rye grass | Wheat | -do- | Lowland | Plenty | Plenty | - | Manual plucking out | Weed adversely affect crop quality | Not reported | Locals |
| Plant | <i>Malva sylvestris</i> | Sotsal | Vegetables | -do- | Lowland | Plenty | Plenty | - | Manual plucking out | Medicinal use | Not reported | Locals |
| Plant | <i>Cannabis sativa</i> | Bhang | Every crop | -do- | Forest /Lowland | Plenty | Plenty | - | Manual plucking out | Religious purpose | Making Charas (intoxicating drug) | Locals |
| Plant | <i>Cardius nutans</i> | Kond posh | Every crop | -do- | Forest /Lowland | Plenty | Plenty | - | Manual plucking out | Weed | Not reported | Locals |
| Plant | <i>Utrica dioica</i> | Soi | Every crop | -do- | Forest /Lowland | Plenty | Plenty | - | Pesticide spraying / plucking out | Weed | Not reported | Locals |
| Plant | <i>Mateicaria</i> | Chamomilla | Every crop | -do- | Forest /Lowland | Plenty | Plenty | - | Pesticide spraying / plucking out | Weed | Not reported | Locals |

Format 5: Pests of Crops

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------|-----------------|-------------------------------|------------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-----------------|----------------------------|
| Host | Insect / Animal | Scientific name | Local name | Habitat | Time / season of attack | Management mechanism | Associated TK | Other details | Community knowledge holder |
| Deodar tree | Insect | <i>Ectropis deodarae</i> | Deodar defoliator | On host | July to Oct | Insecticide application | Not reported | Leaf defoliator | - |
| Kail tree | Insect | <i>Lophodermium macci</i> | Fungal pathogen | On host and fallen needles | July to Oct | Insecticide application | Not reported | Leaf defoliator | - |
| Fir tree | Insect | <i>Fusarium pallidiriseum</i> | Pathogen | On host and fallen needles | July to Oct | Insecticide application | Not reported | Leaf defoliator | - |
| Rice | Insect | <i>Order isoapteran</i> | Not known | Farm fields | - | Insecticide application | Root feeder | Not known | - |
| Rice | Insect | <i>Noctuidae pyralidae</i> | Not known | Farm fields | - | Insecticide application | Stem borer | Not known | - |
| Rice | Insect | <i>Order hemiptera</i> | Not known | Farm fields | - | Insecticide application | Leaf hoppers | Not known | - |
| Maize | Insect | <i>Helicoverpa</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 | - |

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 and Scheduled cast | 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 | Socially privileged | Most of them do own jobs, economically less privileged | |

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 | | | | | | | | | | | |
| Cultivated land | NA | NA | Cultivated land | | Agricultural lands are privately owned | Domestic plants and some wild plants | Insect | Panchayat villages | Traditional practices | Agriculture | Provides food and fodder | Unknown | Low income communities |
| Non-cultivated land | NA | NA | Non-cultivated land | | Govt./ Private land | -do- | Insect | -do- | -do- | Fodder purpose | Provides fodder to livestock | -do- | -do- |

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 |
| River | Marsudar river | Tributary of river Chenab | Govt. | Mostly planktons, ferns, bryophytes & pteridophytes | Snow Trout, Amphibians, trout fish etc. | Hydroelectric projects and for irrigation purpose | Panchayat villages | Unknown | Hydroelectric projects and for irrigation purpose | Unknown | Unknown | Panchayat villagers |

Format 10: Soil type

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------------------------|---------------------------------------|---|--|---|---------------------------------------|--|-------------------|
| Soil Type | Color & Texture | Features | Soil management | Plants / crop suitable | Flora and fauna | Associated TK | Other information |
| Clay soil and sandy loamy soil | Grayish, brown, small grained mixture | Does not retain water frequent irrigation | Recharged with leaf manure, animal waste compost | Conifer plants, broad leaved plants, Fruit plants, NTFP species, Wheat, barley, maize, rice and some seasonal vegetables. | Domesticated /wild plants and animals | Provides good quality of timber, fuelwood, NTFP, food and fodder | - |

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 (Repin) | Uses (usage) | Associated TK | Other details market/own use | Community/ Know. holder |
| | | | | | Past | Present | | | | | | |
| Apple | Saib | <i>Malus domestica</i> | Red delicious, Golden delicious, Ambri | Lowland valley / home gardens | Rare | Plenty | Local preserved / Horticulture Deptt. | Aug-Sept | Nutritious value | Reducing cholesterol, lowering blood sugar level | Market / own use | Locals |
| Apricot | Khubani | <i>Prunus armeniaca</i> | Safeda, Qadri | -do- | Plenty | Rare | Local preserved / grafting | June-July | Nutritious value | Cures heart diseases | Market / own use | Locals |
| Walnut | Akhroot | <i>Juglans regia</i> | Local | Lowland valley / Agricultural land | Plenty | Plenty | Local preserved / Horticulture Deptt. | Aug-Sept | Nutritious value | Reduces prostrate cancer and diabetes | Market / own use | Locals |
| Pear | Tang | <i>Pyrus</i> | Babugosha, Moti Daddi, Half red Naak, Misri Tang | -do- | Plenty | Plenty | Local preserved / grafting | Aug-Sept | Nutritious value | Uses for mild digestion problems, diarrhea, severe cholera | Market / own use | Locals |
| Peach | Aaadu | <i>Prunus armwniaca</i> | Local, Shan-e- Punjab, Amba | -do- | Plenty | Plenty | Local preserved | Aug-Sept | Nutritious value | Provides more energy | Market / own use | Locals |

| | | | | | | | | | | | | |
|-------------|----------|-------------------------|----------------|------|--------|--------|---------------------------------|----------|------------------|----------------------|------------------|--------|
| Pomegranate | Anardana | <i>Punica granatum</i> | Local | -do- | Plenty | Plenty | Local preserved | Sept-Oct | Nutritious value | Provides more energy | Market / own use | Locals |
| Grapes | Angoor | <i>Vitis vinifera</i> | Local / Hybrid | -do- | Plenty | Plenty | Local preserved | Aug-Sept | Nutritious value | Provides more energy | Market / own use | Locals |
| Cucumber | Khira | <i>Curmis sativus</i> | Local / Hybrid | -do- | Plenty | Plenty | Local preserved / Seed shops | Aug-Sept | Nutritious value | Provides more energy | Market / own use | Locals |
| Plum | Ore | <i>Prunus domestica</i> | Local / Hybrid | -do- | Plenty | Plenty | Local preserved / Seed shops | Aug-Sept | Nutritious value | Provides more energy | Market / own use | Locals |
| Quince | Beehi | <i>Cydonia oblonga</i> | Local | -do- | Plenty | Plenty | Local preserved / Seed shops | Aug-Sept | Nutritious value | Provides more energy | Market / own use | Locals |

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 | Dhoop | <i>Jurinea macrocephala</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Dhoop making | Roots | Dhoop and agarbati for religious purpose | Own use | Locals and Bakerwals |
| Herb | Patrees | <i>Aconitum heterophyllum</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Tubers are used medicinally as tonic | Tubers | Used in various Ayurvedic formulations | Own use | Locals |
| Herb | Balladona | <i>Atropa accuminata</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Roots and leaves are anti-asthmatic | Leaves and roots | Used in various Ayurvedic formulations | Own use | Locals and Bakerwals |
| Shrub | Khumlai | <i>Berberis lycium</i> | Wild (NTFP) | Lowlands / forests | Naturally grown | Plenty | Plenty | Rasaunt as cooling agent | Roots | Used in various Ayurvedic formulations | Own use | Locals and Bakerwals |
| Herb | Krees | <i>Dioscorea deltoidea</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Used in gastric complaints | Roots | Used in various Ayurvedic formulations | Own use | Locals and Bakerwals |
| Herb | Kaur | <i>Picorhiza kurrooa</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Tonic and rheumatism | Roots | Ayurvedic formulations | Own use | Locals and Bakerwals |
| Herb | Bankakri | <i>Podophyllum hexandrum</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Cancer treatment | Roots | Ayurvedic formulations | Own use | Locals and Bakerwals |
| Herb | Panchalan | <i>Rheum moorcroftianum</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Wound healing | Roots | Ayurvedic formulations | Own use | Locals and Bakerwals |

| | | | | | | | | | | | | |
|-------|--------------|--------------------------------|-------------|-------------------|-----------------|--------|--------|-------------------------------------|-----------------|--|---------|----------------------|
| Herb | Kuth | <i>Saussurea costus</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Ayurvedic formulations | Roots | Ayurvedic formulations | Own use | Locals and Bakerwals |
| Herb | Nagchattri | <i>Trillium govanianum</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Roots yield diosgenin on hydrolysis | Roots | Used in various Ayurvedic formulations | Own use | Locals and Bakerwals |
| Herb | Zakhme hayat | <i>Bergenia ciliata</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Massage to cure body | Roots | Kidney stone and wound healing | Own use | Locals and Bakerwals |
| Plant | Postul | <i>Taxus baccata</i> | Wild (NTFP) | Alpine forest | Naturally grown | Plenty | Rare | Cancer treatment | Bark and leaves | Used in tea by locals | Own use | Locals and Bakerwals |
| Herb | Seski | <i>Artemisia martina</i> | Wild (NTFP) | Lowland / forests | Naturally grown | Plenty | Plenty | Used in stomach pain | Leaves | Ayurvedic formulations | Own use | Locals and Bakerwals |
| Herb | Musk Bhala | | Wild (NTFP) | | Naturally grown | | | Chest pain | | | | |
| Herb | Atnil | <i>Indigofera suffruticosa</i> | Wild (NTFP) | | Naturally grown | | | For long hairs | | | | |

Format 13: Ornamental Plants/ Trees/Climbers etc.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------------|------------|------------------------------|--------------|-------------------------------|---------------------------|------------|---|--|-------------------------|
| Plant Type | Local Name | Scientific Name | Variety | Source of plant/seeds | Commercial/non-commercial | Uses | Associated TK | Other details | Community/ Know. holder |
| Broad leaved | Chinar | <i>Planitus orientalis</i> | Local | Forest / private nurseries | Non-commercial | Ornamental | Provides cool shade and home for many birds | Dried leaves are used as Kangri fuel | Locals |
| Evergreen tree | Sarv Kull | <i>Cupressus cashmeriana</i> | Local | Private nurseries | Non-commercial | Ornamental | Provides scenery and beauty of area | Unknown | Locals |
| Broad leaved | Ier kull | <i>Salix alba</i> | Willow local | From cutting of willow tree | Commercial | Ornamental | Provides beauty of home garden etc | Also used in making cricket bats | Locals |
| Broad leaved | Safeda | <i>Populous</i> | Local | From cutting of populous tree | Commercial | Ornamental | Provides beauty of land | Used in fruit packing and plywood industries | Locals |
| Shrub | Gainda | <i>Targetes erecta</i> | Local | Preserved seed | Non-commercial | Ornamental | Provides beauty of home garden | Also used for religious purpose | Locals |
| Shrub | Gulab | <i>Rosa indica</i> | Local | From cuttings | Non-commercial | Ornamental | Provides beauty of home garden | Also used for religious purpose | Locals |
| Shrub | Dhaliya | <i>Dahlia pinnata</i> | Local | Rhizomes of flower plant | Non-commercial | Ornamental | Provides beauty of home garden | Also used for religious purpose | Locals |

Format 14: Timber Plants / Trees

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 |
|--------------|------------|--------------------------|-----------------------|--------------|---------|--------------------|--|--|---|-------------------------|
| Plant Type | Local Name | Scientific Name | Habitat | Local status | | Wild/ home-garden | Other uses (multi) | Associated TK | Other details | Community/ Know. holder |
| | | | | Past | Present | | | | | |
| Conifer | Dair | <i>Cedrus deodara</i> | Forests | Plenty | Plenty | Wild | 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 | Locals |
| Conifer | Kail | <i>Pinus wallichiana</i> | Forests | Plenty | Plenty | Wild | Timber and furniture | Provides durable timber & fuelwood | Evergreen tree native to the Himalaya, Karakoram and Hindukush mountain | Locals |
| Conifer | Fir | <i>Abies pindrow</i> | Forests | Plenty | Plenty | Wild | Timber and furniture | It helps in treating fever, cough and cold. Provides timber and furniture for houses. | Evergreen tree growing to 40-60 m tall with conical crown and level branches | Locals |
| Broad leaved | 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 | Deciduous tree | locals |

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>Orisaries</i> | Local | Small size rough coat | Flock rearing | Plenty | Rare | Mutton and wool | Yes | Yes | Mutton, wool, manure, bones and hides | Local/Nomads |
| Sheep | Bhead | <i>Orisaries</i> | Rambouillet cross bread | Large size low body weight | Flock rearing | Rare | Plenty | Mutton and wool | Yes | Yes | Mutton, wool, manure, bones and hides | Local/Nomads |
| Goat | Bakri | <i>Capra hircas</i> | Local | Small size low body weight | Flock rearing | Plenty | Rare | Mutton and wool | Yes | Yes | Mutton, wool, manure, bones and hides | Local/Nomads |
| Goat | Bakri | <i>Capra hircas</i> | Kaghani, bakasooli | Large size high body weight | Flock rearing | Rare | Plenty | Mutton and wool | Yes | Yes | Mutton, wool, manure, bones and hides | Local/Nomads |
| Cow | Gaay | <i>Bos taures</i> | Local | Cow have hooves on there feet and can weight upto 400 pounds | Flock rearing | Rare | Plenty | Milk, Cow dung | Milk good for health | Yes | High milk production | Local/Nomads |
| Buffalo | Bhains | <i>Babulas</i> | Local | Dark slab colour less | Domesticate | Plenty | Rare | Milk, Dung | Milk good for health | Yes | High milk production | Local/Nomads |
| Ox | Bael | <i>Bos spp.</i> | Local | For plugging | Domesticate | Plenty | Rare | For plugging | Use for plugging | Yes | Use for plugging | Local/Nomads |
| Dog | Kutta | <i>Cains familiaris</i> | Local | Pet | Pet | Rare | Plenty | Guard, hunting dog | Nil | Nil | Nil | Local/Nomads |

| | | | | | | | | | | | | |
|-----|-------|-------------------|-------|-----|-----|------|--------|--------------|-----|-----|-----|--------------|
| Cat | Billi | <i>Felis cats</i> | Local | Pet | Pet | Rare | Plenty | Pest control | Nil | Nil | Nil | 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 | Deodar | <i>Cedrus deodara</i> | Land | Forest | Plenty | Plenty | Its wood is used for the treatment of piles, kidney stones, insomnia, diabetes, urinary disorder etc | Wood | Cedrus oil is often used for its aromatic property | It's has a conic crown with level branches and dropping branch let | Locals |
| Tree | Kail | <i>Pinus wallichiana</i> | Land | Forest | Plenty | Plenty | Commercial and own use | Wood | Provide durable timber | Conifer plant | Locals |
| Tree | Fir | <i>Abies pindrow</i> | Land | Temperate forest | Plenty | Plenty | Commercial and own use | Wood | It helps in mitigating the level of anxiety | It help in treating fever, cough and cold | Locals |
| Tree | Oak | <i>Quercus ilex</i> | Land | Forest/ Private land | Plenty | Plenty | Own uses | Leaves & Wood | Fodder & Fuel wood | Evergreen B.L tree | Locals |
| Tree | Bren | <i>Alnus villosa</i> | Land | Forest | Plenty | Plenty | Own use | Wood | Fodder and fuel wood | For religious purpose | Locals |
| Tree | Champ | <i>Alnus nitida</i> | Land | Forest | Plenty | Plenty | Own use | Wood | Fuel wood | Found on riverside | Locals |
| Tree | Postul | <i>Taxus baccata</i> | Land | Forest | Plenty | Plenty | Own use | Bark | Use for treating common cold, cough and pain | Used in medicine that cures cancer. | Locals |

| | | | | | | | | | | | |
|---------|-------------|------------------------------|------|--------------------------------------|--------|--------|---------------------|---------------|----------------------------|-------------------|--------|
| Tree | Zum | <i>Prunus cornuta</i> | Land | Forest | Plenty | Plenty | Own use | Wood | Fuel wood | - | Locals |
| Tree | Willow | <i>Salix alba</i> | Land | Forest/ Pvt | Plenty | Plenty | Commercial /Own use | Leaves & Wood | Cricket Bat | Fodder | Locals |
| Herb | Dhoop | <i>Juninea macrocephala</i> | Land | Pasture | Plenty | Plenty | Own use | Root | Dhoop / Agarbati sticks | NTFP | Locals |
| Herb | Kour | <i>Picrorhiza kurroa</i> | Land | Mountain region | Plenty | Plenty | Own use | Root | Medicinal use | NTFP | Locals |
| Herb | Bankakri | <i>Podophyllum hexandrum</i> | Land | Mountain region | Plenty | Plenty | Own use | Root | Used for cancer treatment | NTFP | Locals |
| Herb | Kuth | <i>Saussurea lappa</i> | Land | Mountain region | Plenty | Plenty | Own use | Root | Medicinal use | NTFP | Locals |
| Herb | Nagchattri | <i>Trillium govanianum</i> | Land | Mountain region | Plenty | Plenty | Own use | Root | Medicinal use | NTFP | Locals |
| Herb | Krees | <i>Dioscorea deltodea</i> | Land | Mountain region | Plenty | Plenty | Own use | Root | Medicinal use | NTFP | Locals |
| Shurb | Kaimbli | <i>Berberis lycium</i> | Land | Forest/ private | Plenty | Plenty | Own use | Root | Medicinal use | NTFP | Locals |
| Grasses | Drhub grass | <i>Cynodon dactylon</i> | Land | Moist and warm climate | Plenty | Plenty | Own use | Branch | Medicinal use | Religious purpose | Locals |
| Climber | Ivy | <i>Hedera helix</i> | Land | woodland, grassland, town and garden | Plenty | Plenty | Own use | Branch | Medicinal use | Parasite | Locals |

Format 19: Wild Plant Species of Importance

| 1 | 2 | 3 | 4 | 5 | 6 |
|--------|--------------|------------------------------|-------------|---|--------|
| S. No. | Local Name | Scientific Name | Variety | Importance (as economic, social, cultural etc.) | Status |
| 1 | Dhoop | <i>Juninea macrocephala</i> | NTFP | Economic and social | Plenty |
| 2 | Kour | <i>Picrorhiza kurrooa</i> | NTFP | Economic and social | Rare |
| 3 | Bankakri | <i>Podophyllum hexandrum</i> | NTFP | Economic and social | Rare |
| 4 | Kuth | <i>Saussurea lappa</i> | NTFP | Economic and social | Rare |
| 5 | Nagchattri | <i>Trillium govanianum</i> | NTFP | Economic and social | Rare |
| 6 | Krees | <i>Dioscorea deltodea</i> | NTFP | Economic and social | Rare |
| 7 | Belladonna | <i>Atropa accuminata</i> | NTFP | Economic and social | Rare |
| 8 | Panchalan | <i>Rheum orerofitianum</i> | NTFP | Economic and social | Rare |
| 9 | Choria | <i>Angelica glauca</i> | NTFP | Economic and social | Rare |
| 10 | Hund | <i>Taraxacum officinalis</i> | NTFP | Economic and social | Plenty |
| 11 | Hamesh bahar | <i>Calendula officinalis</i> | NTFP | Economic and social | Plenty |
| 12 | Kajuban | <i>Arrubia benthami</i> | NTFP | Economic and social | Plenty |
| 13 | Kulmash | <i>Viburnum cotinifolium</i> | Bush/ Shrub | Social | Plenty |
| 14 | Neel kanth | <i>Ajuga bracteosa</i> | Herb | Social | Plenty |
| 15 | Suchal | <i>Melva neglecta</i> | Herb | Social | Plenty |
| 16 | Bhang | <i>Cannabis sativa</i> | Herb | Economic and social | Plenty |
| 17 | Wanee | | Herb | Social | 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 tigrana</i> | - | Long very powerful back led and web feet | Pond/river | Plenty | Rare | Important role in food chain | Frog are natures pharmacy and provide a very efficient transfer of solar energy | Maintain food chain and food wed. | Locals |
| Brown Trout | <i>Salmon truta fario spp.</i> | Introduced | Back side brownish in color, side are olive with blotted black spots few scattered red spots, two dorsal fins present, 1 st having soft rays and 2 nd one adipose body elongated somehow compressed very small teeth present | Cold Pockets, snow fed areas | Plenty | Plenty | Food | Commercially important Fish food and sports | Mode of catching hand net availability round the year & breeding season December to February | Anglers and fisheries department |
| Watercress (Nag Biber) | <i>Nasturtium officinale</i> | Aquatic flowering plant | Rapid growing perennial plant | Pond / watery place | Plenty | Plenty | As vegetable | Oldest known leaf vegetables consumed by human | Its high content of Vitamin C makes it remedy such that particular valuable for chronic illnesses | Locals |
| Maiden hair (Ghvtheer) | <i>Adiantum caudatum</i> | Aquatic Grass | It is a perennial fern producing fronds | Found in shaded areas | Plenty | Plenty | As vegetable | Rich in vitamin-B | 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 |
| 1 | Watercress (Nag Biber) | <i>Nasturtium officinale</i> | Aquatic flowering plant | Its high content of Vitamin C makes it remedy such that particular valuable for chronic illnesses | Local used as vegetable |
| 2 | Maiden hair (Ghvtheer) | <i>Adiantum caudatum</i> | Aquatic Grass | It is used n the treatment of chest infection, cough, diabetes, fever and skin disease | local |

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 forest | Plenty | Plenty | Timber for religious purpose | Timber | Wood | Own use | Locals |
| Tree | Postul | <i>Taxus baccata</i> | Conifer | Temperate forest | Plenty | Plenty | Medicine used for cancer treatment | Cancer treatment | Bark | Own use | Locals |
| Herb | Dhoop | <i>Juninea macrocephala</i> | NTFP | Alpine forest | Plenty | Rare | Religious purpose | Used in Dhoop making | Root | Own use | Locals |
| Herb | Kour | <i>Picrorhiza kurrooa</i> | NTFP | Alpine forest | Plenty | Rare | Medicinal use | Tonic and rheumatism | Root | Own use | Locals |
| Herb | Bankakri | <i>Podophyllum hexandrum</i> | NTFP | Alpine forest | Plenty | Rare | Medicinal use | Cancer treatment | Roots | Own use | Locals |
| Herb | Kuth | <i>Saussurea Lappa</i> | NTFP | Alpine forest | Plenty | Rare | Medicinal use | Ayurvedic medicines | Root | Own use | Locals |
| Herb | Nagchettri | <i>Trillium govanianum</i> | NTFP | Alpine forest | Plenty | Rare | Medicinal use | Root yield diosgenin hydrolysis | Root | Own use | Locals |

| | | | | | | | | | | | |
|-------|--------------|---------------------------|--------------|------------------|--------|------|--|-------------------------------------|------------------|---------|--------|
| Herb | Krees | <i>Dioscorea deltodea</i> | NTFP | Alpine forest | Plenty | Rare | Medicinal use | Gastric complaints | Root | Own use | Locals |
| Herb | Belladonna | <i>Atropa accuminata</i> | NTFP | Alpine forest | Plenty | Rare | Medicinal use | Anti asthmatic | Roots and leaves | Own use | Locals |
| Herb | Pamchalan | <i>Rheum oreroftianum</i> | NTFP | Alpine forest | Plenty | Rare | Medicinal use | Wound healing | Root | Own use | Locals |
| Shrub | Khumli | <i>Berberus lycium</i> | Thorny shrub | Temperate forest | Plenty | Rare | Medicinal use and for brush wood fencing | Rasaunt as cooling as agent of eyes | Root & leaves | Own use | Locals |
| Herb | Zakhme hayat | <i>Berginia ciliate</i> | NTFP | Alpine forest | Plenty | Rare | Medicinal use | Bone healing, diarrhea and vomiting | Root | Own use | Locals |

Format 23: Wild relatives of Crops

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 |
|------------|-----------------------------|---------------------------------|-------------------------------------|--------------|---------|------------------|--------------------|---|--------------------------------|-------------------------|
| Local Name | Scientific Name | Associated crop | Landscape / Habitat | Local Status | | Uses (usage) | Part Used | Associated TK | Other details | Community / Know holder |
| | | | | Past | Present | | | | | |
| Datura | <i>Datura stramonium</i> | Apple, pear, all domestic crops | Low land valley/wild | Plenty | Plenty | Asthama | Leaves | Fruit, leaves & flowers are offered to Lord Shiva | Weed / Medicinal use | Local |
| Vanpraan | <i>Allium atropurpureum</i> | All agricultural crop | Mountainous region | Plenty | Rare | Food | Leaves and flowers | Medicinal value | Exotic plant used as vegetable | Local |
| Hund | <i>Taraxacum officinale</i> | Agricultural crop | Mountainous region/ Low land valley | Plenty | Plenty | Food | Leaves | Medicinal value | Used as vegetable | Local |
| Sochal | <i>Malva neglecta</i> | Agricultural crop | Mountainous region/ Low land valley | Plenty | Rare | Food | Leaves | Medicinal value | Used as vegetable | Local |
| Seski | <i>Artemisia vestita</i> | Agricultural crop | Low land valley/wild | Plenty | Plenty | Stomach diseases | Leaves | Used in stomach pain | NTFP / medicinal use | Local |

Format 24: Ornamental Plants

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------------|------------------------------|------------------|-------------------------|----------------------------------|--|-------------------------------------|-----------------------------|
| Local Name | Scientific Name | Variety | Habitat | Commercial / Non-commercial Uses | Associated TK | Any other Detail | Community/ Knowledge Holder |
| Chinar | <i>Plantanus orientalis</i> | Broad leave | Govt./ private premises | Non-commercial | Provide cool shade and home for many birds | Leaves are used as kangri fuel | Locals |
| Sarva kull | <i>Cupressus cashmeriana</i> | Kashmiri cypress | Govt./ private premises | Non-commercial | Ornamental plant | Provides scenery/beauty of the area | Locals |
| Ier kull | <i>Salix alba</i> | Weeping willow | Govt./ private premises | Commercial | Provides scenery/beauty of the area | Used in making cricket bats | Locals |
| Safeda | <i>Populus</i> | Populus | Govt./ private premises | Commercial | Provides scenery/beauty of the area | Used in fruit packing industries | Locals |
| Gainda | <i>Tagetes erecta</i> | Local/wild | Home Garden | Non-commercial | Ornamental | Religious | Locals |
| Gulab | <i>Rose indica</i> | Local /wild | Home Garden | Non-commercial | Ornamental | Religious | Locals |
| Daliya | <i>Dahlia pinnata</i> | Local home plant | Home Garden | Non-commercial | Ornamental | Religious | 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 spp.</i> | Perennial herb | Homestead agricultural land | 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> | Annual plant | -do- | Plenty | Plenty | Spice | Leaves | Used as spice | Leaves are used in food / spice | Locals |
| Herb | Sauf | <i>Foeniculum vulgare</i> | Harely perennial herb | -do- | Plenty | Plenty | Spice and chewing | Seed | Useful in digestion | Used as spice and medicine | Locals |
| Herb | Thom | <i>Allium sativum</i> | Perennial plant | -do- | Plenty | Plenty | Spice | Bulb | Provides more tasty food | Bulb is used as raw or cooked | 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 forest | Plenty | Plenty | Religious purpose | Provide durable timber | Soft wood timber | Local |
| Kail | <i>Pinus walichiana</i> | Forest | Plenty | Plenty | Furniture and fruit packing | Provide durable timber | Soft wood timber | Local |
| Fir | <i>Abies pindrow</i> | Forest | Plenty | Plenty | Fruit packing industries | Providing good timber | Soft wood timber | Local |
| Supruce | <i>Picea smithiana</i> | Forest | Plenty | Rare | fruit packing industries | Provide good timber | Soft wood timber | Local |
| Akhroot | <i>Juglans regia</i> | Private/ Forest | Plenty | Plenty | Fruit and furniture | Provide good timber / fruit | Hard wood | Local |
| Popular | <i>Populous ciliata</i> | Private/ Forest | Plenty | Plenty | Packing industries | Provide good timber | Hard wood | Local |

Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibian, 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 | | | | | |
| Mammals | Makar | <i>Semnopithecus entellus</i> | Forest | Natural habitat | Summer | Plenty | Rare | - | Maintaining ecological balance | Nil | - | Local |
| Mammals | Himaliyan Black bear | <i>Ursus thibetanus</i> | Forest | Natural habitat | Summer | Plenty | Rare | - | -do- | Nil | - | Local |
| Mammals | Jackal | <i>Canis aureus</i> | Forest | Natural habitat | Summer | Plenty | Plenty | - | -do- | Nil | - | Local |
| Mammals | Jungli cat | <i>Felis chaus</i> | Forest | Natural habitat | Summer | Plenty | Rare | - | -do- | Nil | - | Local |
| Mammals | Leopard | <i>Panthera pardus</i> | Forest | Natural habitat | Summer | Plenty | Plenty | - | -do- | Nil | - | Local |
| Mammals | Snow leopard | <i>Uncia uncial</i> | Forest | Natural habitat | Winter | Plenty | Rare | - | -do- | Nil | - | Local |
| Mammals | Himaliyan mouse hare | <i>Ochotona roylei</i> | Forest | Natural habitat | Winter | Plenty | Plenty | - | -do- | Nil | - | Local |
| Birds | Alpine accentor | <i>Prunella collaris</i> | Forest | Natural habitat | Throughout year | Plenty | Plenty | - | -do- | Nil | - | Local |
| Birds | House crow | <i>Corvus splendens</i> | Forest | Natural habitat | Throughout year | Plenty | Plenty | - | -do- | Nil | - | Local |
| Birds | House sparrow | <i>Passer domesticus</i> | Forest | Natural habitat | Throughout year | Plenty | Plenty | - | -do- | Nil | - | Local |
| Birds | Griffen Vulture | <i>Gyps fulvus</i> | Forest | Natural habitat | Throughout year | Plenty | Plenty | - | -do- | Nil | - | Local |

| | | | | | | | | | | | | |
|-------|------------------|-----------------------------|--------|-----------------|-----------------|--------|--------|---|------|-----|---|-------|
| Birds | Black tit | <i>Parus rufonuchalis</i> | Forest | Natural habitat | Throughout year | Plenty | Plenty | - | -do- | Nil | - | Local |
| Birds | Blue rock pigeon | <i>Columba livia</i> | Forest | Natural habitat | Throughout year | Plenty | Plenty | - | -do- | Nil | - | Local |
| Birds | Common maina | <i>Acridotheres tristis</i> | Forest | Natural habitat | Throughout year | Plenty | Plenty | - | -do- | Nil | - | Local |
| Birds | Commom cuckoo | <i>Cuculus canorus</i> | Forest | Natural habitat | Throughout year | Plenty | Plenty | - | -do- | Nil | - | Local |
| Birds | Chukar | <i>Akectirus chukar</i> | Forest | Natural habitat | Throughout year | Plenty | Plenty | - | -do- | Nil | - | Local |

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.) |
| NA | NA | NA | NA | NA | NA |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Format 31: Any other information of local importance

| 1 | 2 | 3 |
|----------------|--|----------------|
| Sr. No. | Information of local importance | Remarks |
| | | |
| | | |
| | | |

End of Part II