

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: KC Upper

Taluk: Nagrota

District:Jammu

State/UT: J&K

Geographical Area of the Panchayat Samiti: 1124.11 Hect

Population under the Panchayat Samiti : 4600

Male: 2530 **Female :** 2070

Habitat and Topography: Plain hilly both

Climate (Rainfall, Temperature and weather patterns): Moderate rainfall

Land Use (Nine fold classification available with village records) Agriculture and horticulture

Date, Month and Year of PBR Preparation:

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)

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|---|
| 1)Name of the Chairperson: Kirpal Singh |
| Age: 65 years |
| Gender: Male |
| Address: R/o. KC Upper |
| Area of specialization: |
| 2) Name: Amita Kumari |
| Age: 30 years |
| Gender: Female |
| Address: R/o. KC Upper |
| Area of specialization: |
| 3)Name: Bandana Devi |
| Age: 35 years |
| Gender: Female |
| Address: R/o. KC Upper |
| Area of specialization: |
| 4)Name: Jamat Ali |
| Age: 40 years |
| Gender: Male |
| Address: R/o. KC Upper |
| Area of specialization: |
| 5)Name: Sagar Singh |
| Age: 63 years |
| Gender:Male |
| Address: R/o. KC Upper |
| Area of specialization: |
| 6)Name: Amit Kumar |
| Age: 35 Yr. |
| Gender: Male |
| Address: R/o. KC Upper |
| Area of specialization: |
| 7)Name: Abas Ali |
| Age: 30 Year |
| Gender: Male |
| Address: Jammu |
| Area of specialization: Panchayat Secretary |

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 Ramesh Chand

Age: 55

Gender: Male

Address: KC Upper

Area of specialization: Ortho

Location from which the person accesses biological material: Local Forest

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: Bhau ram

Age: 67

Gender: Male

Address: KC upper

Area of specialization: livestock

Location from which the person accesses biological material: forest and pansari

Perception of the practitioner on the resource status: satisfactory

Medicinal Use:

3) Name: Vikas sharma

Age:23

Gender: male

Address: KC upper

Area of specialization: infection

Location from which the person accesses biological material: ayurvedic and pansari

Perception of the practitioner on the resource status: satisfactory

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 of the Chairperson: Rattan Singh

Age: 65

Gender: Male

Address: KC Upper

Area of specialization: Agriculture Activities

2) Name of the Chairperson: Ajay Singh

Age: 32

Gender: male

Address: KC Upper

Area of specialization: fisheries

3) Name of the Chairperson: Darshan Singh

Age: 50

Gender: male

Address: KC Upper

Area of specialization: forestry

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 Head master

Name and Address: Sansar singh and kc upper

2) Contact Person: teacher

Name and Address: Sagar singh and kc upper

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

| 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 |
|-------------|--|---|--|---|---|
| 1 | Nil | Nil | Nil | Nil | Nil |
| | | | | | |
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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 | | | | | | | |
| Maize | <i>Zea mays</i> | Maka | Dekalb double | Sub tropical / Upland | | Rare | Plenty | Tall, high yielding with yellow in colour) | Food & Fodder | Provides energy | - | Kharif (May to October) | Farmers / Department/ Private Suppliers | Farmers |
| | | | K-517 | | | Plenty | Rare | Average tall with yellow in colour | | | | | | |
| | | | Ujala | | | Normal | Plenty | | | | | | | |
| | | | K-612 | | | Plenty | Normal | | | | | | | |
| | | | Pro Agro-4794 | | | Plenty | Normal | Tall, high yielding with yellow in colour) | | | | | | |
| Sesame | <i>Sesamum indicum</i> | Til | Punjab Til No.1/local | Warm / Humid of Sub tropical region | | Plenty | average | Medium Yielding | June - Oct. | Source of Vegetable oil | Religiuous and medicinal value | Food | Farmers / Department/ Privaate Suppliers / Farmers / | Farmers |
| Mash | <i>Vigna mungo</i> | Mhaa | PU-19 Utra | Warm / Humid of Sub tropical region | | plenty | average | High yielding Variety | Summer/ Kharif | Source of Vegetable Protein | - | Food | Department/ Privaate Suppliers | Farmers |

| | | | | | | | | | | | | | | |
|---------------------|---|-----------|--|----------------------------------|--|----------|----------|---|---------------|--------------------------|--|--------------------------------------|---|---------|
| Chick-pea | <i>Cicer arietinum</i> | Chana | GNG-469/C 235 | Cool & dry | | plenty | average | High yielding Variety | Rabi | Source of Protein/Energy | Improve soil fertility | Food | Farmers / Department/ Private Suppliers | Farmers |
| Peas | <i>Pisum sativum</i> | Matar | Rachna | Cool & dry | | Normal | Normal | Early maturing & High yielding | Rabi | Source of Protein/Energy | Used as Vegetable | Food | Farmers / Department/ Private Suppliers | Farmers |
| Onion | <i>Allium cepa</i> | Gamd | nasik Red. Red Coral And Local Spp. | local Planee areas | | Abundant | Abundant | Bulbs Cash Crop | Rabi | Vegetable | Staple Vegetable food | Vegetables | Farmers / Department/ Private Suppliers | Farmers |
| Cauliflower | <i>Brassica oleraceae var. botrytis</i> | Fol gobi | Pusa snow ball, Pusa Katki, local Girja | Both sub tropical & intermediate | | Abundant | Abundant | White and tender head, curd formed from shortened flower part | Rabi | Vegetable | Also good source of protein, carbohydrate, phosphorus & iron | Curd Mainly used as vegetable | Farmers / Department/ Private Suppliers | Farmers |
| Cabbage | <i>Brassica oleraceae var. capitata</i> | Band gobi | Golden Acre, Pride of India, Green Flesh | Both sub tropical & intermediate | | Abundant | Abundant | Round head with light to dark green colour | Rabi | Vegetable | Also good source of protein, carbohydrate, phosphorus & iron | Head Mainly used as vegetable, salad | Farmers / Department/ Private Suppliers | Farmers |
| Bottle gourd | <i>Lagenaria siceraria</i> | Lokki | PSPL/ Punjab Long | Summer & rainy season crop | | Abundant | Abundant | Vines vigorous, profusely branched | Summer/kharif | Vegetable | It also contains essential vitamins and minerals | Subzis, curries and gravies. | Farmers / Department/ Private Suppliers | Farmers |

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 | | | | | | |
| Mango | <i>Mangifera indica</i> | Aam | Desi, Dushari , Malta | Plains | Plenty | Plenty | Nurseries | June- August | | Fruit,Picking, Preserves | Marketing, own use | department of horticulture and local farmers |
| Citrus Fruits | <i>Citrus spp</i> | Khatti, Mosambi, santra, Nimbu, | Local,Kagzi lime, Italian limeHill lemon etc | Plains,mid hills | Plenty | average | Nurseries | throughout year | | Fruit, picking Squashes etc. | Marketing, own use | department of horticulture and local farmers |
| Litchi | <i>Litchi chinensis</i> | Litchi | Calcutta Dehradun | Plains | rare | rare | Nurseries | June- August | | Fruit | Marketing | department of horticulture and local farmers |
| Guava | <i>Psidium guajava</i> | Amrood | Local, Allahabadi, Safaida | Plains lower hills | Plenty | average | Nurseries | June- August | | Fruit | Marketing, own use | department of horticulture and local farmers |
| Grapes | <i>Vitis vinifera</i> | Angoor | Local Dakh perlette | Plains mid hills | Rare | Rare | Nurseries | June- August | | Fruit | | department of horticulture and local farmers |

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|------------|--|------------|------------------------|------------------|--------|---------|----------------------------|----------------|--|-----------------------|--------------------|--|
| Amla | <i>Emblica officinalis Syn Phyllanthus emblica</i> | Ambla | local selection NA-7 | Plains mid hills | Plenty | Plenty | Nurseries local collection | Nov- Dec. | | Picking, fruit juices | Marketing, own use | department of horticulture and local farmers |
| Ber | <i>Ziayphus mauritiana lamk</i> | Ber | Gola Banarasi | Plains | Plenty | Plenty | local raised | July- August | | Fruit | Own use | department of horticulture and local farmers |
| Jamun | <i>Syzygium cumini skeels</i> | Jamun | local selection | Plains | rare | rare | Nurseries, local raised | July- August | | Fruit | Own use | department of horticulture and local farmers |
| Papaya | <i>Carica papaya</i> | Papita | Local | Plains | Rare | average | Nurseries, locally raised | August-October | | Fruit | own use | department of horticulture and local farmers |
| pear | <i>Pyrus app</i> | Nakh | Patharmakh, china pear | Plains mid hills | Rare | Rare | Nurseries | August-Sept | | Fruit | Own use | department of horticulture and local farmers |
| Peach | <i>Prunus persica (L) Batsch</i> | Aaroo | July Elberta, quetta | Plains mid hills | Rare | Average | Nurseries | June-July | | Fruit | Marketing, own use | department of horticulture and local farmers |
| Strawberry | <i>Fragaria x ananassa Duch</i> | Strawberry | chandler | Plains mid hills | Rare | rare | Nurseries | March-April | | Fruit | Marketing | department of horticulture and local farmers |

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|---------|-------------------------|--------|-------|--------------|------|------|-----------------|-------------|--|-------|-------------------|--|
| Karonda | <i>Carissa carandas</i> | Gernay | Local | Plains/hills | Rare | Rare | Nurseries, wild | June-August | | Fruit | Marketing,own use | department of horticulture and local farmers |
|---------|-------------------------|--------|-------|--------------|------|------|-----------------|-------------|--|-------|-------------------|--|

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 | | | | | |
| Lamb's quarters | <i>Chenopodium album</i> | Bathua/Kanah/ Wild Spinach | Wheat, Pea, Potato | Annual herb | Agri. Land | Normal | Normal | Eaten as boiled green veg | Physical, Mechanical, Chemical | Rich Source of protein,Vit. A, Calcium , Phosporous & potash | Annual feed & fermentation of Beverages | Farmers |
| Nut Grass | <i>Cyprus rotundus</i> | Dilla/Motha | Paddy,maize,su garcane,vegetab le | Perennial | Agri. & Non Agri. Land | Abundant | Abundant | Fodder & Animals | Physical, Mechanical, Chemical | Nil | Tradionally used as medicine | Farmers |
| Carrot grass | <i>Parthenum hysterophorus</i> | Congress Grass | Gardens & sugarcane ratoon crops & other crops | Annual | Agri. Land | Abundant | Abundant | Nil | Physical, Mechanical, Chemical | Abnoxious weed difficult to manage | nil | Farmers |
| Bang | <i>Cannabis indica</i> | Bang | Kharif Crops | Perennial | Agri. & wasteLand | Normal | Normal | | Mechanical, Chemical | Nil | Agri. Land | Farmers |
| Dub Grass | <i>Cynodon dactylon</i> | Dub Grass | Rabi/ Kharif | Perennial | Agri. & wasteLand | Abudant | Abudant | Fooder | Mechanical, Chemical | Nil | Agri. Land | Farmers |
| Jhonson Grass | <i>Sorghum helepense</i> | Beru grass | Sorghum | Perinneal | Sub Tropical | Rare | Rare | Fodder | Physical, Mechanical, Chemical | nil | Nutrative Fodder for Animals | Farmers |

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| False amaranath | <i>Digera arvensis</i> | tandla | maize | Annual | Agri. Land | Abudant | Abudant | medicinal use | Physical, Mechanical, Chemical | medicinal use like constipation | Agri. Land | Farmers |
| Barnyard Grass | <i>Echinochloa crusgalli</i> | Swank | Paddy | Annual | Agri. Land | Abundant | Abundant | Fodder & Animals | Physical, Mechanical, Chemical | Nil | 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 |
| Mango | Insects | <i>Amritous atkinsoni/Drosicha Magiferae</i> | Tella, Mealey Bug | Field/Orchard | Feb-April/Feb Onward | Pesticide Pruning/Pesticide, Basin Making | Discourage HDP/Handpicking strickly band | Major threats | general public/ Farmers |
| Citus | Insects | <i>Paapilio lemoteus/Euodocina fullonia</i> | Catepillar, Sucking moth | Orchard | April-may & Aug Oct/Maturity stage | Pesticides, other cultural method/Pesticides orchard sanitization | Hand pcking/Smoking bagging dispose off | Major threats | general public/ Farmers |
| Litchi | Insects | <i>Gatesclarkeama erotias</i> | Fruit nut birer | Orchard/Fied | At pea stage | Pesticides basin making ploughing | | Major threats | general public/ Farmers |
| Guava | Insects | <i>Bactrocera Dorsalis</i> | Fruit fly | Orchard/Fied | Maturity stage | Pesticides , fruit fly trape | | Major threats | general public/ Farmers |
| Amla | Insects | | Gall Maker | Orchard/Fied | Feb onward | Pesticides pruning | Destroy infected shoots | Major threats | general public/ Farmers |
| Field rats | <i>mammal</i> | <i>Ratus meltada</i> | Chouha | Attacks all crops | Throughout the year | Mechanical& Chemical measures | - | Lives in burrows opening hidden in bushes | Farmers |

| | | | | | | | | | |
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| Monkey | <i>mammal</i> | <i>Rhesus macaque</i> | Bander | Forest & human habitat | Throughout the year | Traps & chemosterlization | - | Cause extensive damage to almost all crops,attacks humans | general public/ Farmers |
| Grasshopper | <i>insect</i> | <i>Hygro blasses Negro / Hieroglyphus nigropletus</i> | Tidi | Maize, Paddy, Jojr Bajra | July to sept | Mechanical& Chemical measures | - | Eats leaves | Farmers |
| Army worm | <i>insect</i> | <i>Spodoptera Frugiperda</i> | tokka | Defoliaties Major crops | Through the year | Mechanical& Chemical measures | - | Defoliates all crops | Farmers |
| Leaf Floder | <i>insect</i> | <i>Cnaphalocrocis meddialis</i> | Ctter Pillers | Attacts on Paddy Leaves | June to Oct. | Mechanical& Chemical measures | - | Major threats | Farmers |
| Maize stem Borer | <i>insect</i> | <i>Chilo partellus</i> | Sundi /Tana-shedak | Attacks Maize, sorghum , Bajra & sugarcane | July to sept | Mechanical& Chemical measures | - | Causes dead hearts in young plants | Farmers |
| Wheat | <i>insect</i> | <i>Termites</i> | <i>Odontotermis</i> | Polyphagous/ sandy and loamy soils | Kharif | Field sanitisation and continuous removal and destruction of infected plants | NA | NA | general public/ Farmers |
| Cut worm | <i>insect</i> | <i>Agrotis ipsilon</i> | Ludi | Wheat sorguham maize and other | Throughout the year | Mechanical& Chemical measures | - | Major threats | Farmers |
| Cucurbits fruit fly | <i>insect</i> | <i>Bactrocera cucurbitae</i> | Melon fly | Attacks Pumpkin, cucumber & gourds | Throughout the year | Mechanical & Chemical, Pheronon trap | - | Danger to all cucumber crops | Farmers |

| | | | | | | | | | |
|--------------------|---------------|--|-------|--|-----------|---|---|--|---------|
| Cereal leaf Beetle | <i>insect</i> | <i>Oulma melanopus</i> | | Attacks Maize | Aug-Sep | Chemical measures | - | Most recent occurrence | Farmers |
| Termite | <i>insect</i> | <i>Microtermis obesi/ Odontoremes obesus</i> | Telle | Wheat & other crops | Nov-May | Cultural & Chemical measures | - | Major threat to unirrigated crops | Farmers |
| Mustard aphid | <i>insect</i> | <i>Lipaphis erysimi</i> | Aphid | Attacks mustard & other cucurbit crops | Dec-March | Timely sowing of crop & Chemical, Biological & Mechanical | - | Major threat to oil seed crops of Rabi | Farmers |

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 |
| Ponds | | | State land and Private land | Tali, kamal, Brankad,Bori peepal and Khu Jari etc | Frogs, Fishes, Snakes, Snail | Cattles, wasing Cloths, Irrigation, Drinking Etc. | Public | | | | | |
| Streams | | | State land and Private land | Bana, aak, Khar Grass, Panjphuli Jari Etc | Frogs, Fishes, Snakes, Snail | Cattles, wasing Cloths, Irrigation, Drinking Etc. | Public | | | | | |
| Tube well | | | State land and Private land | | | Cattles, wasing Cloths, Irrigation, Drinking Etc. | Public | | | | | |

| Format 11: Fruit Trees | | | | DOMESTICATED BIODIVERSITY | | | | | | | | |
|------------------------|---------------------------------|--|--|---------------------------|--------------|---------|----------------------------|--------------------|--------------|------------------------------|------------------------------|-------------------------|
| 1 | 2 | 3 | 4 | | 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 | Uses (usage) | Associated TK | Other details market/own use | Community/ Know. holder |
| | | | | | Past | Present | | | | | | |
| Mango | Aam | <i>Mangifera indica</i> | Desi, Dushari , Malta | Plains | Plenty | Plenty | Nurseries | June- August | | Fruit,Picking, Preserves | Marketing, own use | |
| Citrus Fruits | Khatti, Mosambi, santra, Nimbu, | <i>Citrus spp</i> | Local,Kagzi lime, Italian limeHill lemon etc | Plains,mid hills | Plenty | average | Nurseries | Throughout year | | Fruit, picking Squashes etc. | Marketing, own use | |
| Litchi | Litchi | <i>Litchi chinensis</i> | Calcutta Dehradun | Plains | rare | rare | Nurseries | June- August | | Fruit | Marketing | |
| Guava | Amrood | <i>Psidium guajava</i> | Local, Allahabadi, Safaida | Plains lower hills | Plenty | average | Nurseries | June- August | | Fruit | Marketing, own use | |
| Grapes | Angoor | <i>Vitis vinifera Michx</i> | Local Dakh perlette | Plains mid hills | Rare | Rare | Nurseries | June- August | | Fruit | | |
| Aonia | Ambla | <i>Emblica officinalls Syn Phyllanthus emblica</i> | local selection NA-7 | Plains mid hills | Plenty | Plenty | Nurseries local collection | Nov- Dec. | | Picking, fruit juices | Marketing, own use | |

| | | | | | | | | | | | | |
|------------|------------|----------------------------------|------------------------|------------------|--------|---------|---------------------------|----------------|--|-------|--------------------|--|
| Ber | ber | <i>Ziayphus mauritiana lamk</i> | Gola Banarasi | Plains | Plenty | Plenty | local raised | July- August | | Fruit | Own use | |
| Jamun | Jamun | <i>Syzygium cumini</i> | local selection | Plains | Rare | Rare | Nurseries, local raised | July- August | | Fruit | Own use | |
| Papaya | Papita | <i>Carica papaya</i> | local | Plains | Rare | average | Nurseries, locally raised | August-October | | Fruit | Own use | |
| pear | Nakh | <i>Pyrus app</i> | Patharmakh, china pear | Plains mid hills | Rare | Rare | Nurseries | August-Sept | | Fruit | Own use | |
| Peach | Aaroo | <i>Prunus persica (L) Batsch</i> | July Elberta, quetta | Plains mid hills | Rare | Average | Nurseries | June-July | | Fruit | Marketing, own use | |
| Strawberry | Strawberry | <i>Fragaria x ananassa Duch</i> | chandler | Plains mid hills | Rare | rare | Nurseries | March-April | | Fruit | Marketing | |
| Karonda | gernay | <i>Carissa carandas</i> | local | Plains/hills | Rare | Rare | Nurseries, wild | June-August | | Fruit | Marketing,own use | |

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 | | | | | |
| Herbs | Jungli putna | <i>Mentha arvensis</i> | | Lower Shiwalik/Temp crate area | Stem/Seed | Abundant | Abundant | Medicinal | Leaves | N.A | N.A | Generally held by community |
| Herbs | Bhang | <i>Canabis sativa</i> | | Lower Shiwalik | Seed | Abundant | Abundant | Medicinal | Leaves | N.A | N.A | Generally held by community |
| Herbs | Drainked | <i>Murraya konegii</i> | | Sub-Tropical area | Seed | Rare | medicinal & spice | Medicinal | Leaves | N.A | N.A | Generally held by community |
| Tree | Draink | <i>Melia azadirach</i> | | Lower shiwalik | Seed | Abundant | medicinal & spice | Medicinal | Leaves | N.A | N.A | Generally held by community |
| Tree | Tali | <i>Dalbergia sissoo</i> | | Lower shiwalik | Seed | Abundant | medicinal & spice | Timber & Fodder | Stem | N.A | N.A | Generally held by community |
| Tree | Jamun | <i>Syzygium cumini</i> | | Lower shiwalik | Seed | Abundant | Abundant | Medicinal | Leaves/Fruit | N.A | N.A | Generally held by community |
| Tree | Bill-Patre | <i>Aegle mermelos</i> | | Sub-Tropical area | Sub-Tropical area | Abundant | Abundant | medicinal use | leaves | | N.A | Generally, held by community |

| | | | | | | | | | | | | |
|--------|--------------|-----------------------------|--|----------------|----------------|----------|----------|---------------|------------------------------|---|---------------------------------------|------------------------------|
| Tree | Harad | <i>Terminalia chebula</i> | | Lower shiwalik | Lower shiwalik | Abundant | Abundant | medicinal use | fruit leaves, bark | inc appetite , liver problems etc | N.A | Generally, held by community |
| Tree | Kakad-Singhi | <i>Pistacia khinjuk</i> | | Lower shiwalik | Lower shiwalik | Rare | Rare | medicinal use | leaves, root, fruit , flower | respiratory disorders, liver urinary tract | N.A | Generally, held by community |
| Tree | Karal | <i>Bauhinia variegata</i> | | Lower shiwalik | Lower shiwalik | Rare | Rare | medicinal use | use as a pickle and spices | | N.A | Generally, held by community |
| Tree | Khair | <i>Acacia catechu</i> | | Lower shiwalik | Lower shiwalik | Abundant | Abundant | medicinal use | leaves shoot and wood | | N.A | Generally, held by community |
| Tree | Kringal | <i>Casia fistula</i> | | Lower shiwalik | Lower shiwalik | Abundant | Abundant | medicinal use | root/ leaves | | N.A | Generally, held by community |
| Tree | Retha | <i>Sapindus mukorossii</i> | | Lower shiwalik | Lower shiwalik | Rare | Rare | medicinal use | seeds/fruit | various cleansing properties | N.A | Generally, held by community |
| Tree | Rumbal | <i>Ficus racemosa</i> | | Lower shiwalik | Lower shiwalik | Abundant | Abundant | medicinal use | fruit | | N.A | Generally, held by community |
| Tree | Sree | <i>Albizzia lebeck</i> | | Lower shiwalik | Lower shiwalik | Abundant | Abundant | medicinal use | Seed | leaves and bark and seeds | jaundice treatment, skin problems etc | Generally, held by community |
| Shrubs | Trimuru | <i>Zanthoxylum aurmatum</i> | | Lower shiwalik | Lower shiwalik | Rare | Rare | medicinal use | seeds/fruit | indigestion , varicose vein | own use | Generally, held by community |
| Shrubs | brankad | <i>Adhatoda vesica</i> | | Lower shiwalik | Lower shiwalik | Abundant | Abundant | medicinal use | Leaves | anti bleeding ,anti diabetic, anti jaundice etc | N.A | Generally, held by community |

| | | | | | | | | | | | | |
|---------|-------|----------------------------------|--|-------------------------|----------------|----------|---------|--------------------------|----------------|--|------------------------|------------------------------|
| Shrubs | Dussa | <i>Colebrookia oppositifolia</i> | | Lower shiwalik | Lower shiwalik | Rare | Rare | medicinal use and fodder | roots , leaves | | N.A | Generally, held by community |
| Climber | Giloe | <i>Tinospora cordifolia</i> | | Farmlands & Urban areas | seed | Moderate | average | medicinal use | leaves stem | | eye disorder, jaundice | 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 | | | | | |
| Tree | Sree | <i>Albizzia lebbeck</i> | Lower shiwalik | Abundant | Abundant | Wild | Own | Nil | furniture and firewood | Generally, held by community |
| Tree | Talli | <i>Dalbergia sissoo</i> | Lower shiwalik | Abundant | Abundant | Wild | Own | Nil | furniture and firewood | Generally, held by community |
| Tree | Tuni | <i>Toona ciliata</i> | Lower shiwalik | Abundant | Abundant | Wild | Own | Nil | furniture and firewood | Generally, held by community |
| Tree | Popular | <i>Populus ciliata</i> | Lower shiwalik | Rare | Abundant | Wild | Own | Nil | Nil | Generally, held by community |
| Tree | Chir | <i>Pinus roxburhii</i> | Lower shiwalik | Rare | Rare | Wild | Own | Nil | furniture and firewood | Generally, held by community |
| Tree | Jammun | <i>Syzygium cumini</i> | Lower shiwalik | Rare | Abundant | Wild | Own | Nil | furniture and firewood | Generally, held by community |
| Tree | Kiker | <i>Vachellia nilotica</i> | Lower shiwalik | Rare | Rare | Wild | Own | Nil | furniture and firewood | Generally, held by community |
| Tree | Mangoo | <i>Mangifera indica</i> | Lower shiwalik | Abundant | Abundant | Wild/ home- garden | Own | Nil | fruit ,furniture and firewood | Generally, held by community |
| Tree | Safeda | <i>Eucalyptus spp.</i> | Lower shiwalik | Rare | Abundant | Wild | Commercial | Nil | furniture and firewood | Generally, held by community |

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 | Bhaed | <i>Ovis aries</i> | Local (Non descript) | Small size, low body weight, rough body coat | Statonary | Pleny | Rare | Mutton, wool, skin and manure | Yes | Some | Mutton, wool, skin and manure bones hide and gut | Locals |
| Sheep | Bhaed | <i>Ovis aries</i> | Rambouillet cross | Large size, fine wool, with long legs mostly white in color | Statonary | Pleny | Rare | Mutton, wool, skin and manure | Yes | Some | Mutton, wool, skin and manure bones hide and gut | Locals |
| Goat | Bakri | <i>Copra</i> | Beetal Crosses | Large size, high body wt. mostly black & brown body color | Statonary | Pleny | Rare | Chevon milk, skin, hair and manure | Yes | Some | Chevo, milk skin, hair, bones, hide and gut | Locals |
| 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 |

| | | | | | | | | | | | | |
|---------|--------------|------------------------------|----------------|---|--------------------------------|----------|-----------|------------|-----|-----|------------|-------------|
| | Amreca 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 |
| birds | Chakore | <i>Alectoris chukar</i> | Local | black and white stripes ,beak is short, strong, and orange in color | Backyard | few | Decrease | Egg,meat | Nil | Yes | Egg, Meat | 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 |
| Cat | Billi | <i>felis catus</i> | Local | Grey /white color | Pet ,Stray | Abundant | Abundant | pet | Nil | No | Nil | All / stray |
| Rabbit | Khargosh | <i>Oryctolagus cuniculus</i> | White gaint | white | Pet ,wild | few | few | Pet | Nil | No | Nil | All / wild |

| | | | | | | | | | | | | |
|----------|--------|------------------------------|------------------|----------------|--------------|-----|-----------|----------------|-----|-----|-----|-------------------------------|
| Pig | Suar | <i>sus scrofa domesticus</i> | Yorkshir e cross | white | Domesticated | few | Increased | Meat | Nil | Yes | Nil | Sikh /Christians/SC community |
| Elephant | Haathi | <i>Loxodonta</i> | Asian elephant | Grey in colour | Pet ,wild | few | few | religous faith | Nil | No | Nil | All |

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Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc

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 | Amla | <i>Emblica officinalis</i> | Tree | Northern/ Sub-Tropical | Good | Modertae | Commercial/Own use | Fruit | Food processing | | Generally held by community |
| Tree | Jamun | <i>Syzygium cumini</i> | Tree | Northern/ Sub-Tropical | Good | Modertae | Commercial/Own use | Timber/ fruit Firewood | medicinal use | | Generally held by community |
| Tree | Amb | <i>Mangifera indica</i> | Tree | Northern/ Sub-Tropical | Good | Modertae | Commercial/Own use | Fruit | | | Generally held by community |
| Tree | Safeda | <i>Eucalyptus</i> | Tree | Northern/ Sub-Tropical | Good | Modertae | Commercial/Own use | Fruit | | | Generally held by community |
| Tree | Siris | <i>Albizzia lebbek</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own whole plant | - | - | Generally held by community |
| Tree | Chir | <i>Pinus roxburghii</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own Timber/ whole plant /Firewood | Resin | - | Generally held by community |
| Tree | Lecunia | <i>Leucaena lencecephala</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own leaves /seeds / timber | - | - | Generally held by community |

| | | | | | | | | | | | | |
|------|---------|------------------------------|--------|------------------------|------|----------|-----------------|-----|----------------------------|-------|---|-----------------------------|
| Tree | Simbal | <i>Bombax cecilia</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | fruit /timer Firewood | - | - | Generally held by community |
| Tree | Kamila | <i>Mallotus philippensis</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | leaves ,roots, | - | - | Generally held by community |
| Tree | Krangal | <i>Cassia fistula</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | roots, fruit leaves etc | - | - | Generally held by community |
| Tree | Ber | <i>Ziziphus jujuba</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Fruit | - | - | Generally held by community |
| Tree | Plash | <i>Butea monosperma</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Timber/ Firewood | - | - | Generally held by community |
| Tree | Shisham | <i>Dalbergia sisoo</i> | Tree | Northern/ Sub-Tropical | Good | Moderate | Commercial/ use | own | Stem, Timber | - | - | Generally held by community |
| Tree | Khair | <i>Acacia catechu</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Timber/ Firewood | Katha | - | Generally held by community |
| Tree | Santha | <i>Dodonaea viscosa</i> | Shrubs | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Timber/ Firewood | - | - | Generally held by community |
| Tree | Kiker | <i>Acacia nilotica</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Timber/ Firewood | - | - | Generally held by community |
| Tree | Arjun | <i>Terminalia arjuna</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Timber/ Firewood | - | - | Generally held by community |

| | | | | | | | | | | | | |
|-------|-----------|-------------------------------|--------|-----------------------|------|----------|-----------------|-----|------------------|---|---|-----------------------------|
| Tree | Sagwan | <i>Tectona grandis</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Timber/ Firewood | - | - | Generally held by community |
| Tree | Bel | <i>Aegle marmelos</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Leaves/ Fruit | - | - | Generally held by community |
| Tree | kakoa | <i>Flacourtia indica</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Fruit | - | - | Generally held by community |
| Grass | Bamboo | <i>Dendrocalamus strictus</i> | Grass | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Sticks | - | - | Generally held by community |
| Herbs | Bhang | <i>Cannabis sativa</i> | herbs | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Leaves | - | - | Generally held by community |
| Shrub | Jojra | <i>Pupalia lappacea</i> | Shrubs | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Leaves | - | - | Generally held by community |
| Shrub | Garna | <i>Carissa spinarum</i> | Shrubs | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Fruit | - | - | Generally held by community |
| Shrub | Panjphuli | <i>Lantana camara</i> | Shrubs | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | whole plant | - | - | Generally held by community |
| Shrub | Gandila | <i>Nerium indicum</i> | Shrubs | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | Flower | - | - | Generally held by community |
| Shrub | Pansar | <i>Wendlandia heynei</i> | Shrubs | Northern/Sub-Tropical | Good | Moderate | Commercial/ use | own | leaves | - | - | Generally held by community |

| | | | | | | | | | | | |
|---------|---------------------|---------------------------------|---------|-------------------------|------|----------|--------------------|-----------------|-----------------------------------|---|-----------------------------|
| Herbs | congress Grass | <i>Parthenium hysterophrous</i> | herbs | Northern/Sub-Tropical | Good | Moderate | - | whole plant | - | - | Generally held by community |
| Tree | Badh | <i>Ficus religiosa</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/own use | Timber/Firewood | - | - | Generally held by community |
| Tree | Phulai | <i>Acacia modesta</i> | Tree | Northern/Sub-Tropical | Good | Moderate | Commercial/own use | whole plant | - | - | Generally held by community |
| Climber | Tarad | <i>Dioscorea belophylla</i> | Climber | Northern/Sub-Tropical | Good | Moderate | Commercial/own use | Roots | | | Generally held by community |
| Climber | Jungli bitter melon | <i>Momordica charantia</i> | Climber | Northern/Sub-Tropical | Good | Moderate | Commercial/own use | Fruit | | | Generally held by community |
| Climber | Purple yam | <i>Dioscorea alata</i> | Climber | Northern/Sub-Tropical | Good | Moderate | - | | | | Generally held by community |
| Climber | Striped cucumber | <i>Diplocyclos palmatus</i> | Climber | Northern/Sub-Tropical | Good | Moderate | - | | | | Generally held by community |
| Herb | Chaleri saag | <i>Amaranthus viridis</i> | Herb | Farmlands & Urban areas | Good | Moderate | Commercial/own use | leaves | vegetable | - | Generally held by community |
| Climber | Giloe | <i>Tinospora cordifolia</i> | Climber | Farmlands & Urban areas | Good | Moderate | Commercial/own use | fruit, roots | Timber/ medicinal use Firewood | | Generally held by community |

Format 19: Wild Plant Species of Importance

| 1 | 2 | 3 | 4 | 5 | 6 |
|---------|--------------------|--------------------------|---------|--|----------|
| Sl. No. | Local Name | Scientific Name | Variety | Importance (as economic, social, cultural etc.) | Status |
| 1 | Santha | <i>Dodonaea viscosa</i> | Shrub | Firewood / broom making | Good |
| 2 | Kanner/Lal Gandila | <i>Nerium indicum</i> | Shrub | Medicinal | Good |
| 3 | Daduni | <i>Punica granatum</i> | Shrub | Live hedge fencing | Good |
| 4 | Bankhar | <i>Adhatoda vasica</i> | Shrub | Medicinal | Good |
| 5 | Aakh | <i>Ipomea carnea</i> | Shrub | Soil binder, medicinal use | Good |
| 6 | Bhang | <i>Cannabis sativa</i> | Shrub | Medicinal | Good |
| 7 | Pansar | <i>Wendlandia heynei</i> | Shrub | Firewood | Good |
| 8 | Bill-Patre | <i>Aegle mermelos</i> | Shrub | Medicinal | Abundant |
| 9 | Rumbal | <i>Ficus racemosa</i> | tree | Medicinal | Abundant |

Format 21: Wild Aquatic Plant Species of Importance

| 1 | 2 | 3 | 4 | 5 | 6 |
|-------|------------|---------------------------|---------|--|----------|
| S.No. | Local Name | Scientific Name | Variety | Importance (economic,social,cultural etc.) | Trends |
| 1 | Lunak | <i>Portulaca oleracea</i> | local | antioxidant value and various medicinal uses | abundant |
| 2 | Rumbal | <i>Ficus racemosa</i> | local | fruit | Abundant |
| 3 | Nad | <i>Arundo donax</i> | local | NA | Good |
| | | | | | |

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 | Arjun | <i>Terminalia arjuna</i> | Tree | Northern/Sub-Tropical | Good | | -- | Medicinal | Bark | own use | local farmers of rural community |
| Tree | Amla | <i>Emblica officinalis</i> | Tree | Northern/Sub-Tropical | Good | | -- | Medicinal | Bark | own and market use | local farmers of rural community |
| Tree | Harad | <i>Terminalia chebula</i> | Tree | Northern/Sub-Tropical | Good | | -- | Medicinal | Bark | own use | local farmers of rural community |
| Tree | Behra | <i>Terminalia bellirica</i> | Tree | Northern/Sub-Tropical | Good | | -- | Medicinal | Bark | own use | local farmers of rural community |
| Tree | Sukchain | <i>Pongamia pinnata</i> | Tree | Northern/Sub-Tropical | Good | | -- | Medicinal | Bark | own and market use | local farmers of rural community |
| Tree | Jamun | <i>Syzygium cumini</i> | Tree | Northern/Sub-Tropical | Good | Good | | Medicinal | Fruit /seeds | own and market use | local farmers of rural community |

| | | | | | | | | | | | |
|------|------------|-------------------------|--|-------------------|----------|----------|--|-----------|--------------|---------|------------------------------|
| Tree | Bill-Patre | <i>Aegle mermelos</i> | | Sub-Tropical area | Abundant | Abundant | | Seed | leaves | own use | Generally, held by community |
| Tree | Trimbal | <i>Ficus auriculata</i> | | Lower shiwalik | Abundant | Abundant | | Medicinal | Fruit /seeds | own use | Generally, held by community |
| Tree | Kringal | <i>Casia fistula</i> | | Lower shiwalik | Abundant | Abundant | | Medicinal | Fruit /seeds | own use | Generally, held by community |

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 | Part used | Ass.TK | Other details | Community knowledge holder |
| | | | | | Past | Present | | | | | |
| Herb | Pudina | <i>Mentha spp.</i> | local | Homestead, agricultural land | Abudant | Abudant | Spice | Leaves | used with vinegar remove dandruff | NA | local farmers |
| Tree | curry tree | <i>Murraya koenigii</i> | local | moist forest and agricultral land | Abudant | Abudant | Spice | Leaves | - | NA | local farmers |
| Herb | wild Tulsi | <i>Ocimum sanctum</i> | local | Moist soil | Abudant | Abudant | Medicinal | Leaves | - | NA | local farmers |
| Herb | Ajwain | <i>Trachyspermu mammi</i> | Forest | Temperate | Available | Available | Cooking | Seeds | treat digestive problems | NA | local farmers |
| Herb | Methi | <i>Treionellafoenum graceum</i> | Annual plant | temperate regions /homegardens | plenty | average | used in stomach troubles and anaemia | leaves and seeds | cooking | NA | local farmers |
| Herb | saunf | <i>Foeniculumvulga</i> | Herbaceous perennial | temperate regions /homegardens | plenty | average | used as a spice and some other medicinal uses | saunf | cooking and chewing | NA | local farmers |

| | | | | | | | | | | | |
|------|--------|----------------------------|----------------------|------------|------|----------|-------|-------|-----|-----|---------------|
| Herb | Haldi | <i>Corcuma domestica</i> | Herbaceous perennial | Farm lands | good | Abundant | Spice | roots | Nil | Nil | local farmers |
| Herb | Ginger | <i>Zingiber officinale</i> | Herbaceous perennial | Farm lands | good | Abundant | Spice | roots | Nil | Nil | local farmers |

Format 26: Timber Plants

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------------|-------------------------|-----------------------|-------|--------------------|---------------------|------------------|----------------------------|
| Local Name | Scientific Name | Habitat | Local | Other uses, if any | Associated Tk | Any other detail | Community knowledge holder |
| Chir | <i>Pinus roxburghii</i> | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Forestry,local people |
| Shisham | <i>Dalbergia sissoo</i> | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Forestry,local people |
| Ber | <i>Ziziphus jujuba</i> | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Forestry,local people |
| Sagwan | <i>Tectona grandis</i> | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Forestry,local people |
| Safeda | <i>Eucalyptus</i> | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Forestry,local people |
| Simbal | <i>Bombax ceiba</i> | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Forestry,local people |
| Tunu | <i>Toona ciliata</i> | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Forestry,local people |

| | | | | | | | |
|---------|---------------------------|-----------------------|----------|----------|---------------------|------------------|------------------------------|
| Jamun | <i>Syzygium cumini</i> | Northern/Sub-Tropical | Good | Moderate | Commercial/ own use | Timber/ Firewood | Forestry,local people |
| Mango | <i>Mangifera indica</i> | Northern/Sub-Tropical | Abundant | Abundant | Commercial/ own use | Timber/ Firewood | Forestry,local people |
| Kiker | <i>Vachellia nilotica</i> | Northern/Sub-Tropical | Rare | Rare | Commercial/ own use | Timber/ Firewood | Generally, held by community |
| Popular | <i>Populus ciliata</i> | Northern/Sub-Tropical | Rare | Abundant | Commercial/ own use | Timber/ Firewood | Forestry,local people |

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 |
|-------------|----------------------|--------------------------|------------------------|-------------|------------------|--------------|---------|------------------------|---------------|--------------------------------------|---------------|-----------------------------|
| Animal Type | Local Name | Scientific Name | Habitat | Description | Season when seen | Local Status | | Uses (if any) | Associated TK | Mode of Hunting, collecting (if any) | Other details | Community/ Knowledge Holder |
| | | | | | | Past | Present | | | | | |
| Wild animal | Squirrel | <i>Sciuridae</i> | Northern/Sub-Tropical | -- | -- | Good | Good | | | Weapon | | |
| Wild animal | Pig | <i>Suidae</i> | Northern/Sub-Tropical | -- | -- | Good | Good | | | Weapon | | |
| Wild animal | Jackal | <i>Canis aureus</i> | Northern/Sub-Tropical | -- | -- | Good | Good | | | Weapon | | |
| Wild Animal | Monkey | <i>Cercopithecidae</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | weapon or stick | | nil |
| Wild Bird | Red jungle fowl | <i>Gallus gallus</i> | Northern/ Sub-Tropical | - | - | Good | Good | good nutritional value | - | - | | nil |
| Wild bird | Rose ringed parakeet | <i>Psittaculidae</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | nil |
| Wild Animal | Boar | <i>Sus scofra</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | nil |
| Wild Animal | Indian Hare | <i>lepus nigricollis</i> | Northern/ Sub-Tropical | - | - | Good | Good | - | - | - | | nil |

| | | | | | | | | | | | | |
|-----------|----------------|-----------------------------|------------------------|--|--|------|---------|--|--|------------|--|--|
| Wild bird | Kalij pheasant | <i>Lophura leucomelanos</i> | Northern/ Sub-Tropical | | | good | average | | | prohibited | | |
|-----------|----------------|-----------------------------|------------------------|--|--|------|---------|--|--|------------|--|--|

Format 31: Any other information of local importance

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

End Part II