| People Biodiversity Register (PBR): General Details |
|--|
| Name of the Panchayat Samiti Kasallian |
| Taluk: Poonch |
| District: Poonch |
| State: Jammu and Kashmir |
| Geographical Area of the Panchayat Samiti: 637 Hectares |
| Population under the Panchayat Samiti: Total 2177 |
| Male 1214 Female : 963 |
| Habitat and Topography: |
| Climate (Rainfall, Temperature and weather patterns) |
| Land Use (Nine fold classification available with village records) |
| Date, Month and Year of PBR Preparation |

| 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: Mohd Sadiq , 8492809614 |
| Age: 52 years |
| Gender: Male |
| Address: |
| Area of specialization: |
| 2) Name: Rashida Bi |
| Age: 50 |
| Gender:Female |
| Address: |
| Area of specialization: |
| |
| 3)Name: Yasmeen Begum |
| Age:30 |
| Gender:Female |
| Address: |
| Area of specialization: |
| |
| 4)Name: Qadir Hussain |
| Age: 50 year |
| Gender: Male |
| Address: |
| Area of specialization: |
| |
| 5)Name: Mozair Ali |
| Age: 32 years |
| Gender: male |
| Address: |

| Area of specialization: |
|------------------------------------|
| |
| 6)Name: Altaf Hussain |
| Age: 41 years |
| Gender: Male |
| Address: |
| Area of specialization: |
| 7)Name: Anayat Hussain |
| Age: 40 years |
| Gender: Male |
| Address: |
| Area of specialization: Seceratary |



| Annexure 3 |
|---|
| List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty |
| 1) Name of the Chairperson: Nil |
| Age: 45 |
| Gender: Male |
| Address: |
| Area of specialization: |
| 2) Name of the Chairperson: |
| Age: |
| 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: Sorab Dutta(Animal Husbandry) |
| 2) Contact Person: |
| Name and Address: Mohd. Aslam(Forest) |
| 3) Contact Person: |
| Name and Address: Abdul Hamid(Forester) |
| 4) Contact Person: |
| Name and Address: |

| | | | ANNEXURE 5 | | |
|------|---|--|---|----------------------------------|---|
| S.no | Name and address of the Person/Institute/company others | Local and Scientific Name of the biological material Accessed and quantity | Date and resolution of the BMC and endorsement by the Panchayat | Detail of collection fee imposed | Anticipated mode of sharing benefits or quantum of benefits shared |
| Nil | Nil | Nil | Nil | Nil | Nil |

End of Part I

| | Format-1 Crop plants | | | | | | | | | | | | | |
|---------|----------------------|------------|---|---|------------|---------------------|-------------------------------------|--|----------|----------------------------------|-------------|---|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Crop | Scientific | Local Name | Variety | Landscape | Approx. | Local S | tatus | Special features | Cropping | Uses | Associated | Other | Source of Seeds/Plants | Community/ Knowledge |
| • | Name | | | / Habitat | area shown | Past | Present | • | season | | TK | details | | Holder |
| | | | | | | Local varieties | | 1.Non shattering character | | 1 .Major food item | | | | |
| Rice Or | | | | | 20 hac. | Red Rice(Ranjha) | | 2.Highly resistant to hailstorm | Kharif | | | | | |
| | Oryza sativa | a Chawal | Giza , K-343, K-39 | Mid hills and hilly areas of district | | | Improved varieties Chandak basmati | 3.Moderately resistant to blast | | 2 .Feeding to poultry and cattle | - | Farmers kept seed/Deptt. Of Agriculture | Generally aged farmer or rural communities | |
| | | | | | | | | 4.Late in maturity and has short bold grains | | | | | | |
| | | | | | | | 5.High yielding variety | | | | | | | |
| | | | | | 96 | | ities Improved | 1.March to April sown | | 1. Major food item | | | | Generally aged farmer or rural communities |
| Maize | Zea Mays | Makh | Bio-9621, K-6129, K-65, GG, star -9, | Hilly, Temperate & intermediate | Нас. | Local varieties | | 2.Local variety dentles | Kharif | 2. Feeding to poultry and cattle | Staple food | - | Farmers kept seed/Deptt. Of Agriculture, private seed dealer | |
| | | | 4794,DD , 7314 | areas of district | | | varieties | 3.Corn and flour sweet in taste | | 3 .Used as flour | | | | |
| | | | | | | | | | | 4. Straw used as dry fodder | | | | |
| | | | | | | Local varieties | | 1.HYV | | 1. Grains used as food | | | | |
| | Triticum | | HD -2967, HD | Hilly, Temperate | | | Improved | 2. Resistant to pest | | 2.Straw used as dry fodder | | | Seed selected | 1. 16 : |
| Wheat | aestivum | Kanak | 3086 | & intermediate areas of district | 65 hac. | Moond | Improved varieties | 3. susceptible to all kind of rust | Rabi | 3.Pre mature crop used as fodder | Staple food | - | from previous yr. crop, deptt. Of agri. | |

| | | | | | | | 4. Drought resistant | | | | | | |
|--------|----------------|---|---|----------|-----------------|-----------------------|---|------|------------|---|---|--|--------------|
| Garlic | Allium sativum | Yamuna Safed(G- 1,G-50,G-282), German White | Hilly, Temperate & intermediate ar. of distt. | 1.8 hac. | Local varieties | Improved varieties | 1.Disease resistance variety 2. 5-8 cloves 3. Rich and spicy in flavour | Rabi | As a spice | - | _ | Seed selected from previous yr. crop, deptt. Of agri. | Local faming |

The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK.

Format-2 Fruit Plants

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |
|----------|--------------|-----------------------|-------------------------|------------------------|---------------|---------------|---------------------------|-----------------------|----------------------------------|--------------------------------|------------------------|-----------------------|--|--|
| | | | | Landarana/ | Local | Status | S | C | | | | | | |
| Plant | Local Name | Scientific Name | Variety | Landscape / Habitat | Past | Present | Source of Seeds/Plants | Season of Fruiting | Uses | Associated TK | Other details | Community know how | | |
| Apple | Seb | Malus domestica | Red delicious | Low land velley | Available | Available | Local preserve | Jun-July | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | | | |
| Apricot | Khobani | Prunus armeniaca | Beboco char magaz | Low land velley | Available | Available | Local preserve | March April | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | | | |
| Plum | Lucha | Prunus subg prunus | Local | Low land velley | Available | Available | Local preserve | April May | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | | | |
| Peach | Aru | Prunus persica | Local | Low land velley | Available | Available | Local preserve | April May | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | | | |
| Pear | Bagu Gosha | Pyrus spp. | Local | Low land velley | Available | Available | Local preserve | Jun July | Rich source of Vit. C | Rich source of Vit. | Own use/ commercial | | | |
| Lime | Nimbu | Citrus aurenticafolia | Kagazi | Low land velley | Available | Available | Local preserve | Aug Sept | Rich source of Vit. C | Rich source of Vit. | Own use/ commercial | | | |
| Guava | Amrood | Psidium gujava | Safeda | Low land velley | Not available | Not available | Local preserve | March April | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | | | |
| Grapes | Angoor | Vitis venifera | Local | Low land velley | Available | Available | Local preserve | Jun July | Rich source of sugur & Vit. C | Rich source of sugur & Vit. C | Own use/ commercial | | | |
| Pica nut | Kagzi akhrot | Carya illinoinensis | Nellis, maha, barkat | Plain & sunny | Not available | Not available | Local preserve | Sept. Oct | Rich in oil mineral & vit. | Rich in oil mineral & vit. | Own use/ commercial | | | |
| Wall nut | Akhroot | Junglans regia | kagazi | Low land velley | Available | Available | Natural | Sept. Oct | Rich in oil mineral & vit. | Rich in oil mineral & vit. | Own use/ commercial | | | |

| | Format-3 Fodder Crops and Species | | | | | | | | | | | | | |
|---------|-----------------------------------|--------------------------|---|--------------------------|--------------------|--|---|---------------------------------|---------------------|-------------|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | | | | |
| | Scientific | Local | | Local | Status | | Associated | Part | | Community / | | | | |
| Plant | Name | Name | Landscape / Habitat Past Present Source of Plants / S | Source of Plants / Seeds | TK | Used | Other details | Knowledge holder | | | | | | |
| OATS | Khandiyaal | Avena sativa | Hilly, Temperate & areas of district | Local varieties | Improved varieties | Seed selected from previous yr. crop, deptt. of agri | Grain for seed purpose, Green/ dry fodder | Nutritious and palatable fodder | Suitable for fodder | Farmer | | | | |
| BARSEEM | Shatalla | Trifolium alexandrium | Irrigated area of the district | Local varieties | Improved varieties | Seed selected from previous yr. crop, deptt. of agri | Green fodder for cattle | Nutritious and palatable fodder | Suitable for fodder | Farmer | | | | |
| BAJRA | Bajra | Pennisetum glaucum | Hilly, Temperate & areas of district | Local varieties | Improved varieties | Seed selected from previous yr. crop, deptt. of agri | Green/ dry fodder | Nutritious & Source of energy | Suitable for fodder | Farmer | | | | |
| SORGHUM | Chari | Sorghum bicolor | Hilly, Temperate & areas of district | Local varieties | Improved varieties | Seed selected from previous yr. crop, deptt. of agri | Green/ dry fodder | Nutritious & Source of enrgy | Suitable for fodder | Farmer | | | | |

Format-4 Weeds

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 | | |
|-------|---------------|-----------------------|----------|--|---|------------------|--|----------------------|--|------------|------------------|---|--|--|
| | LOCAL NAME | SCIENTIFIC | AFFECTED | | LANDSCAPE/ | LOC | CAL STATUS | USES IF | | ASSOCIATED | OTHER DETAILS | COMMUNITY | | |
| 1 | | NAME | CROP | IMPACT | HABITAT | PAST | PRESENT | ANY | MGMT. OPTION | TK | LIKE EXOTIC | KNOW HOW | | |
| | Bermuda Grass | Cynodon dactylon | Maize | | Hilly, Temperate & intermediate ar. of distt | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | nil | nil | No TK associated with knowledge of weed | | |
| MAIZE | Zehar bael | Ipomea sp. | Maize | | Hilly, Temperate & intermediate ar. of distt | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | nil | nil | No TK associated with knowledge of weed | | |
| | Dheloo | Cyprus rotundus | Maize | | Hilly, Temperate & intermediate areas of district | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | nil | nil | No TK associated with knowledge of weed | | |
| | Ghass | Cyprus esculantus | Maize | | Hilly, Temperate & intermediate areas of district | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | nil | nil | No TK associated with knowledge of weed | | |
| | Bathua | Chenopodium album | Maize | | Hilly, Temperate & intermediate areas of district | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | Used as vegetable | Mannual control/ Chemical mgmt. through herbicides | nil | nil | No TK associated with knowledge of weed | | |
| RICF | Wild rice | Echinicola Colonum | Rice | Grow faster than native plants & successfully compete for available nutrients, water, space & sunlight | | | | | | | | No TK associated with knowledge of weed | | |

| | Pani Jardi | Echinicola crusgalli | Rice | 2. Reduce natural diversity | Hilly, Temperate & intermediate areas of district | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | nil | nil | No TK associated with knowledge of weed |
|----------|---------------|-------------------------------|-----------|---|---|------------------|--|----------------------|--|--|--------|---|
| | Dheloo | Cyprus rotundus | Rice | 3. Reduce crop productivity | Hilly, Temperate & intermediate areas of district | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | nil | Nil | No TK associated with knowledge of weed |
| | Bathua | Chenopodium album | Wheat | 4. Cause human health problems such as respiratory, skin irritation | Hilly, Temperate & intermediate areas of district | , | Weed mgmt. on scientific lines being followed by farmers | Used as vegetable | Mannual control/ Chemical mgmt. through herbicides | Rich source of protein vitamin A, calcium, Potassium & phosphorous | Local | No TK associated with knowledge of weed |
| WHEAT | Wild oat | Avena fatua | Wheat | | Hilly, Temperate & intermediate areas of district | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | Source for high quality protein | Local | No TK associated with knowledge of weed |
| | Gully danda | Phalaris minor | | | Hilly, Temperate & intermediate ar of district | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | Source for high quality protein | Local | No TK associated with knowledge of weed |
| | Jhadii | Parthenimum hysterophorous | All crops | | Hilly, Temperate & intermediate areas of district | No weed mgmt. | Weed mgmt. on scientific lines being followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | Abnoxious weed difficult to control | Exotic | No TK associated with knowledge of weed |
| All crop | Chingeri Sag | Vicia hirsua | All crops | | Hilly, Temperate & intermediate ar of distt | No weed mgmt. | Weed mgmt. on followed by farmers | - | Mannual control/ Chemical mgmt. through herbicides | nil | Nil | No TK associated with knowledge of weed |
| | Jangali palak | Rumex crispus | All crops | | Hilly, Temperate & intermediate ar of distt | No weed mgmt. | Weed mgmt. on followed by farmers | Used as vegetable | Mannual control/ Chem. mgmt. herbicides | nil | | No TK associated with knowledge of weed |

| | | | | For | mat-5 Pests of C | 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 |
| | Yellow Stem Borer | Sciropophagai | | Paddy field | August to September | Clipping of tip of seedlings before transplanting to eliminate egg masses. | nil | nil | Nil |
| | renow Stem Borer | Incertulas | | raddy neid | | Need base application of triazophos or quinaphos | 1111 | Ш | NII |
| | | | | | | | | | |
| | Brown Plant Hopper | Nilaparvata lugens | | Paddy Field | August to September | Alternate wetting and drying of padduy field | nil | nil | Nil |
| | Brown Plant Hopper | Muaparvata tagens | | r addy r icid | | Use of light traps | III | IIII | INII |
| | | Cher | | Chemical mgmt. through insecticide | | | | | |
| RICE | | | | | | Closure spaces should be avoided | | | |
| | Green leafhopper | Nephotettis virescens | | Paddy Field | August to September | Avoid excessive use of nitrogenous fertilizers | nil | nil | Nil |
| | | | | | | Chemical mgmt. through insecticide | | | |
| | Rice Thrips | Stenchaetothrips biformis | | Paddy Field | August to September | Dusting of carbaryl 5% or malathion 5% @ rs. 25 kg /hac | nil | nil | Nil |
| | | | | | | Trimming the bunds | | | |
| | Rice Grasshopper | Hieroglyphus banian | Dusting of carbaryl 5% | Dusting of carbaryl 5% or malathion 5% @ rs. 25 kg /hac | nil | nil | Nil | | |
| | Stem Borer | Samia inferens | | Wheat | | Need base application of triazophos or quinaphos | nil | nil | Nil |
| WHEAT | Stem Borer WHEAT | Samu ayerens | | · · · · · · · · · · · · · · · · · · · | | Installation of pheromone traps for monitoring | | 1111 | 1111 |

| | Field Rats | Bendicota bangalensis, Torera indica,Millardia meltada | | All fields | All season | Traps and chemicals | nil | nil | Nil |
|-----------|----------------|--|---------|------------|----------------|--|-----|-----|-----|
| | Cut worm | Agroris sp. | - | Maize | April to May | Chemical mgmt. through insecticide (phorate) | nil | nil | Nil |
| | | | | | | Ploughing of filed after harvest and destroy stubbles & weeds | | | |
| | Stem Borer | Chilo partellus | - | Maize | June to July | Distruction of infected plant and removal of dead herts | nil | nil | Nil |
| | | | | | | Chemical mgmt. through insecticide | | | |
| Maize | | | | | | Deep summer ploughing | | | |
| | Cob Worm | Helicoverpa armigera | - | Maize | June to July | Installation of pheromone traps for monitoring | nil | nil | Nil |
| | | | | | | Avoid excessive use of nitrogenous fertilizers | | | |
| | Blister Beetel | Mylabris pustulata | Khundii | Maize | June to August | Manual collection or collection with insect net and killing of adults in kerosenized water | nil | nil | Nil |
| | | | | | | Need based spray of carbaryl and fenthione | | | |
| | | | | | | Avoid late sowing & excessive use of nitrogen fertilizers | | | |
| MUSTARD | Aphid | Lipasphis erisymi | - | Mustard | Mustard | Crop should be sown before 20th oct. | nil | nil | Nil |
| | | | | | | Need base spray of dimethoate 30 EC or Methyl Demetone 25 EC | | | |
| PADDY | Grass hopper | Orthoptera caelifera | | | | | | | |
| YADDY | Rice Hisppa | Dicladispa | | | | | | | |
| VEGETABLE | Field fly | Diptera | | | | | | | |

| | | Forr | nat-6 Markets for I | Domesticated Anima | ls | | | |
|----------------------------------|--|--|---|--|--|-------------------------------------|----------------------|----------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Name of the market & location | Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1] | Types of animals bought and sold [2] | Types and Average Number of animals transacted in a day | Places from which animals are brought | Places to which the animals are sold / transported | Name and location of fish market | Types of fishes sold | Source of fish |
| Weekly | Weekly (1) | Local/ cross breed | 5 | Local | Poonch, Mendhar, Jammu, Surankote, Rajouri | Nil | Nil | Nil |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Note: (1) (D) - day; (M) - month;

⁽²⁾ Types of animals may include: Poultry / Sheep / Goats/ Cattle / Ducks/ Pigs/ Donkeys/ Mules/ Horses/ Camels/ Others (Specify)

| | | | | Format-7 P | eople scape | | | | | |
|---------------------------|--------------------------------|-----------------|------------------------|--|-----------------------------------|-------------------------------|-----------------|------------------|-----------------------|------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Community & Population | Families & Major occupation | Sub- occupation | Depending Landscape | Major resources accessed and seasons of access | Landscape management practices | Resource management practices | Cast / tribe | Social condition | Nature of inhabitants | No. of HHs |
| Mix & 3573 | 723 & Agriculture | Farming | Agriculture | Soil & Forest | Farming | | | Good | Good | 723 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandary, artisans, services examples of depending landscapes are agriculture landscape, rivers, forest etc.

Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc

How the community manages the landscapes they use for satisfying different needs, their strategies and perception

How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc.

| | | | | | Fo | ormat-8 Lands | cape | | | | | | |
|------------------------|------------------|----------------|------------------------|---------------------------|---------------------------------------|----------------------------------|--|----------------|-------------------------|-----------------|------------------|------------------|----------------------|
| | 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| M | Iajor Landscapes | 3 | | | | | | | | | | | |
| Agricultural land | Pond | Fallow Land | Sub - Landscapes | Features and approx. Area | Ownership | General flora | General fauna | User groups | Management practices | General uses | Associated TK | Other details | Community accessed |
| Cultivated Land | Not Applicable | Not Applicable | Cultivated Land | 393 HECTARES | Agricultural Land are Privately owned | Fodder and Crop Plants | Insects,Snakes, Dogs,Fox,Jackels etc | Nil | Nil | Nil | | Nil | Low-Income community |
| Non-Cultivated Land | Not Applicable | Not Applicable | Non-Cultivated Land | | Govt./Private | Wild plants and Fodder Plants | Insects,Snakes, Dogs, Fox, Jackels etc | Nil | Nil | Nil | | Nil | Low-Income community |
| Forest Land | Not Applicable | Not Applicable | Forest Land | | Government | Wild plants | Wild animals, wild Chicken, fox, Jackel, Insects etc | Nil | Nil | Nil | | Nil | Low-Income community |

| | | | | | Form | at-9 Watersca | npe | | | | | |
|----------------------------|--|--------------------------|---|----------------------------|---------------|---------------|-------------|---|--------------|------------------|-----------------|--------------------|
| 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 |
| Nallas | Originates from the foothills of Mountains | Govt. and Panchayat | Frog,Tadpoles, Fishes,Water, Water Snakes, Crabs etc | Wild and Aquatic Plants | Irrigation | Farmers | | For Irrigation and Drinking of Domesticated animals and Wild Animals | Nil | Nil | Local Villagers | |

| | | | Format-10 Soil | Туре | | | |
|---------------------|--------------------------|---|-----------------------|------------------------|-----------------|---------------|-------------------|
| 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 |
| Sandy and clay soil | Clayey loam, sandy loam, | Fine Granular, Dub-Angular Blocky Structure having pH 7.8- 8.3, Water Holding capacity more than 40% | Use of Organic matter | Maize, Wheat | - | - | - |
| Red soil | | | | | | | |
| Yellow Soil | | | | | | | |

| | | | | | For | nat-11 Frui | t Trees | | | | | |
|------------|---------------|---------------------|----------------------|-----------------|---------------|---------------|----------------|-------------|----------------------------------|-------------------------------|------------------------|-----------|
| 1 | 2 | 3 | 4 | 6 | , | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Plant Type | Local Name | Scientific Name | Variety | Landscape/ | Local | Status | Source of | Season of | Uses (usage) | Associated TK | Other details | Community |
| Trant Type | Local Ivaliic | Scientific Nume | variety | Habitat | Past | Present | plant/seeds | Fruiting | Uses (usage) | Associated TK | Other details | Know how |
| Apple | Seb | Malus domestica | Red delicious | Low land velley | Available | Available | Local preserve | Jun-July | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | |
| Apricot | Khobani | Prunus armenica | Beboco char magaz | Low land velley | Available | Available | Local preserve | March April | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | |
| Plum | Lucha | Prunus subg prunus | Local | Low land velley | Available | Available | Local preserve | April May | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | |
| Peach | Aru | Prunus percia | Local | Low land velley | Available | Available | Local preserve | April May | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | |
| Pear | Bagu Gosha | Pyrus spp. | Local | Low land velley | Available | Available | Local preserve | Jun July | Rich source of Vit. C | Rich source of Vit. C | Own use/ commercial | |
| Lime | Nimbu | Citrus aurentifolia | Kagazi | Low land velley | Available | Available | Local preserve | Aug Sept | Rich source of Vit. C | Rich source of Vit. C | Own use/ commercial | |
| Guava | Amrood | Psidium guava | Safeda | Low land velley | Not available | Not available | Local preserve | March April | Rich source of iron & fibre | Rich source of iron & fibre | Own use/ commercial | |
| Grapes | Angoor | Vitis venifera | Local | Low land velley | Available | Available | Local preserve | Jun July | Rich source of sugur & Vit. C | Rich source of sugur & Vit. C | Own use/ commercial | |
| Wall nut | Akhroot | Junglans regia | kagazi | Low land velley | Available | Available | Natural | Sept. Oct | Rich in oil mineral & vit. | Rich in oil mineral & vit. | Own use/ commercial | |
| | Hari | Prunus armeniaca | | | | | | | | | | |
| | Kimb | Ctrus medica | | | | | | | | | _ | |
| | Fig | Moraceae | | | | | | | | | | |
| | Mithu | Citrus reticlata | | | | | | | | | | |

| | | | | Forma | t-12 Medicin | al Plants (I | Herb, Shruk | os, Trees etc.) | | | | |
|------------|------------|----------------------|---------|-----------------------|-----------------------|--------------|-------------|------------------------------|---|------------------|-----------------------------|------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
| | | | | | | Local | status | | | | | |
| Plant Type | Local Name | Scientific Name | Variety | Landscape/ Habitat | Source of plant/seeds | Past | Present | Uses (usage) | Part used | Associated TK | Other details market/own | Community/ Know. |
| Shrubs | Trimuru | Zanthoxylum aurmatum | | | Seed | Abundant | Abundant | Good for Cleaning Teeths. | Stem / Seed | N.A | N.A | Generally, held by community |
| Shrubs | Anardana | Punica granatum | | | Seed | Rare | Rare | Edible | Fruit | N.A | N.A | Generally, held by community |
| Shrubs | Bhang | Canabis sativa | | | Seed | Abundant | Abundant | Medicinal use | Leaves | N.A | N.A | Generally, held by community |
| Shrubs | Bair | Ziziphus xylocarpa | | | | | | | | | | |
| Shrubs | Bana | Vetex nigundo | | | | | | | | | | |
| Tree | Kau | Olea cuspidata | | | | | | Stem, branches | Stem and branches are used for making handles of agricultural tools. | | - | |
| Tree | Akhrot | Juglans regia | | | | | | | | | - | |
| Shrubs | Simlu | Berberis aristata | | | | | | | | | - | |
| Tree | Karal | Bauhinia variegata | | | | | | | | | - | |
| Tree | Chir | Pinus Roxburghii | | | | | | | | | - | |

| Tree | Draink | Melia azedarach | | | Antioxidant, antianalgesic, antidiabetic | Leaves and Seed | Own use | - | |
|------|--------|-----------------|--|--|--|-----------------|---------|---|--|
| Tree | Dhaman | Grewia optiva | | | | | | - | |

| | | | Format-13 | Ornamental Plan | ts/Trees/Climbers | s etc. | | | |
|---------------|--------------|------------------------|-----------|-----------------------|--------------------------------|---------------|---------------|---------------|-------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Plant Type | Local Name | Scientific Name | Variety | Source of plant/seeds | Commercial/ non- commercial | Uses | Associated TK | Other details | Community/ Know. holder |
| Silver Oak | Silver oak | Gravilla Robusta | | Nature | Non commercial | Ornamentation | | | A few |
| Saroon | Saru | | | Stems | Non commercial | Ornamentation | | | do |
| Burnas | Hardul | Rhododendronarbore | | | Non commercial | Ornamentation | | | do |
| | Gutta | Tagetes | | | | | | | |
| Bushes/ Shrub | Rose | Rose indica | | | | | | | |
| | Daliya | Dahlia pinnata | | | | | | | |
| | Mor pankh | Platycladus orientalis | | | | | | | |
| | bottle brush | Callistemon | | | | | | | |
| | Sun flower | Helianthus | | | | | | | |
| | rat ki rani | cestrum nocturnum | | | | | | | |

| Format-14 Timber Plants/Trees | | | | | | | | | | | | | |
|-------------------------------|---|---|---|--|---|--|---|---|---|--|--|--|--|
| 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
| | | | Local | status | | 0.1 | | | | | | | |
| Local Name | Scientific Name | Habitat | Past | Present | Wild/ home- garden | Other uses (multi) | Associated TK | Other details | Community/ Know. holder | | | | |
| Pinus roxburghii | Chir | Sub-tropical | Rare | Rare | | Roofing, furniture etc. | nil | nil | | | | | |
| Quercus incana | Oak | Sub-tropical | Rare | Rare | | Roofing, furniture etc. | nil | nil | | | | | |
| Ulmus | Manu | | | | | | | | | | | | |
| Acacia Nilotica | Kiker | | | | | | | | | | | | |
| Grewia optiva | Dhaman | | | | | | | | | | | | |
| Eucalyptus Citrodora | Safeda | | | | | | | | | | | | |
| Ardisia | Bira | | | | | | | | | | | | |
| | Local Name Pinus roxburghii Quercus incana Ulmus Acacia Nilotica Grewia optiva Eucalyptus Citrodora | Local Name Scientific Name Pinus roxburghii Chir Quercus incana Oak Ulmus Manu Acacia Nilotica Kiker Grewia optiva Dhaman Eucalyptus Citrodora Safeda | Local Name Scientific Name Habitat Pinus roxburghii Chir Sub-tropical Quercus incana Oak Sub-tropical Ulmus Manu Acacia Nilotica Kiker Grewia optiva Dhaman Eucalyptus Citrodora Safeda | Local Name Scientific Name Habitat Past Pinus roxburghii Chir Sub-tropical Rare Quercus incana Oak Sub-tropical Rare Ulmus Manu Acacia Nilotica Kiker Grewia optiva Dhaman Eucalyptus Citrodora Safeda | Local Name Scientific Name Habitat Past Present Pinus roxburghii Chir Sub-tropical Rare Rare Quercus incana Oak Sub-tropical Rare Rare Climus Manu Acacia Nilotica Kiker Grewia optiva Dhaman Eucalyptus Citrodora Safeda | 2 3 4 5 6 Local status Wild/ homegarden Past Present Pinus roxburghii Chir Sub-tropical Rare Rare Quercus incana Oak Sub-tropical Rare Rare Ulmus Manu Acacia Nilotica Kiker Image: Chirodora Safeda Image: Chirodora Safeda | 2 3 4 5 6 7 Local Name Scientific Name Habitat Local status Past Present Wild/homegarden Wild/homegarden Other uses (multi) Past Rare Rare Roofing, furniture etc. Quercus incana Oak Sub-tropical Rare Rare Rare Roofing, furniture etc. Ulmus Manu Acacia Nilotica Kiker Image: Color of the color of | 2 3 4 5 6 7 8 Local Name Cientific Name Habitat Local status Wild/homegarden Other uses (multi) Associated TK Pinus roxburghii Chir Sub-tropical Rare Rare Roofing, furniture etc. nil Quercus incana Oak Sub-tropical Rare Rare Roofing, furniture etc. nil Ulmus Manu Acacia Nilotica Kiker Image: Circular optiva optiva Dhaman Image: Circular optiva optiva optiva Dhaman Image: Circular optiva optiva optiva optiva Safeda Image: Circular optiva optiva optiva optiva optiva optiva Safeda Image: Circular optiva optiv | Local Name Scientific Name Habitat $\frac{1}{Past}$ $\frac{1}{Present}$ Wild/homegarden Other uses (multi) Associated TK Other details Pinus roxburghii Chir Sub-tropical Rare Rare Rare Roofing, furniture etc. nil nil Quercus incana Oak Sub-tropical Rare Rare Rare Roofing, furniture etc. nil nil Ulmus Manu Acacia Nilotica Kiker Image: Acacia Nilotica optiva Dhaman Image: Acacia Nilotica optiva Safeda Image: Acacia Nilotica optiva Image: Acacia Nilotica optiva Safeda Image: Acacia Nilotica optiva Image: Acacia Nilotica o | | | | |

Format 15: Domesticated Animals

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
|-----------------|-----------------|------------------|--------------|-----------------------|--------------------|-----------|-----------|--------------|---------------|------------|---------------|---------------------|
| A implification | L | C | Breed(Local/ | E. d. wa | Malalaghania | Local | Stauts | I I | A A. I.TIZ | Commercial | 0414.7. | Community |
| Animal Type | Local Name | Scientific Name | Hybrid) | Features | Method of keeping | Past | Present | Uses | Associated TK | Rearing | Other details | know holders |
| | Ghan | Bos indicus | ND | Low yield | Backyard | Abdundant | Decreased | Dairy | Nil | No | Milk | All |
| Cattle | Jersey Ghan | Bos iaurus | CB Jersey | Dished Face | Backyard/Commrcial | Very few | Increased | Dairy | Nil | Yes | Milk | All |
| | Austrilian Ghan | Bos taurus | CB HF | Black & White spotted | Backyard/Commrcial | Very few | Increased | Dairy | Nil | Yes | Milk | All |
| | Manj | Bubales bubalis | Local | Low yield | Backyard | Abdundant | Decreased | Dairy | Nil | No | Milk | Gujjar Community |
| Buffalo | Punjabi Mais | Bubales bubalis | Murrah | Black coloured Body | Backyard | Very few | Increased | Dairy | Nil | Yes | Milk | All |
| Horse | Ghora | Equus caballus | Local | Red cloured Body | Backyard | Abdundant | Decreased | Pack Purpose | Nil | No | Pack | Bakerwal |
| | Kukarr | Galus domesticus | Local | Enriched Meat Flavour | Backyard | Abdundant | Decreased | Egg and Meat | Nil | No | Egg and Meat | All |
| Poultry | Farmi Kukarr | Galus domesticus | Chabro | Good Egger | Backyard | Very few | Increased | Egg and Meat | Nil | No | Egg and Meat | All |
| | Broiler | Galus domesticus | Hybrid | White in colour | Deep litter | Very few | Increased | Only Meat | Nil | Yes | Only Meat | All |
| Dog | Kutta | Canis familaris | Local | Nil | Stray | Abdundant | Abdundant | Nil | Nil | No | No | Stray |
| Dog | Bakervali Kutta | Canis familaris | Bakervali | Brown Black colour | Household | Abdundant | Rare | Companion | Nil | No | No | Bakerwal |
| Cat | Billi | Felis catus | Local | Grey colour | Pet | Abdundant | Abdundant | Pet | Nil | Nil | Nil | Nil |
| ox | Dhand | Bos taurus | | | | | | | | | | |

| | Format-16 Culture Fisheries | | | | | | | | | | | | | |
|-----------|-----------------------------|-----------------|---------|----------|--------------------|--------------|---------|------|----------------|------------|---------------|------------------|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 | | |
| Eigh Tyme | | | Voniety | Footung | Waterscape | Local status | | Ugag | Associated TK | Commercial | Other details | Community | | |
| Fish Type | Local Name | Scientific Name | Variety | Features | (Pond/Bheri/Talao) | Past | Present | Uses | Associated 1 K | Rearing | Other details | Know. Holders | | |
| Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | | |

| | Format-17 Markets/Fairs for Domesticated Animals, Medicinal Plants and other products | | | | | | | | | | | | | |
|-------------------------------------|---|--|----------|--|---------------------------------|--|---|---|--|--|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | |
| Name of the Weekly Market / Fair | Location | Weekly / Fortnightly & Others Bi-annual / Annual | Day held | Month incase of bi-annual or annual market fair | Types of animal bought and sold | Number of animals (average) transacted in a day | Places from where the animals are arrived | Places to where the animals are transported | | | | | | |
| nil | nil | nil | nil | nil | nil | nil | nil | nil | | | | | | |

| | Format-18 Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc. | | | | | | | | | | | | | |
|------------|--|---------------------|-------|----------------|-----------|-----------|---------------|------------------|-----------------------------|--------------|-----------------------------|--|--|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 | | | |
| | | | | | Local | Status | - Commercial/ | | | | Community know | | | |
| Plant type | Local Name | Scientific Name | Habit | Habitat | Past | Present | Own use | Parts Collected | Associated TK | Other Detals | how | | | |
| Trees | Dhaman | Grewia optiva | Trees | Sub-Tropical | Abundant | Abundant | own | Leaves/Stem/Bark | nil | Nil | Generally held by community | | | |
| Trees | Drankh | Melia azedarach | Trees | Sub-Tropical | Abundant | Rare | own | Leaves/Stem | nil | Nil | Generally held by community | | | |
| Trees | Fagwara | Ficus palmata | Trees | Sub-Tropical | Abundant | Abundant | own | Leaves/Fruit | nil | Nil | Generally held by community | | | |
| Trees | Guvava | Psidium Guajava | Trees | Sub-Tropical | Abundant | Abundant | own | Leaves/Fruit | posses medicinal properties | Nil | Generally held by community | | | |
| Trees | Kainth | Pyrus paschia | Trees | Sub-Tropical | Rare | Rare | own | Leaves | nil | Nil | Generally held by community | | | |
| Trees | Kiker | Acacia Nilotica | Trees | Sub-Tropical | Abundant | Abundant | own | Leaves | nil | Nil | Generally held by community | | | |
| Tree | Safeda | Eucalyptus globulus | Tree | Sub-tropical | Available | Available | Own use | Stem, Leaves | Medicinal Value | Nil | Generally held by community | | | |
| Trees | Tooth | Morus alba | Trees | Sub-Tropical | Abundant | Abundant | own | Leaves/Fruit | nil | Nil | Generally held by community | | | |
| Trees | Popular | Populus ciliata | Trees | Lower shiwalik | Abundant | Abundant | own | Leaves/Stem | nil | Nil | Generally held by community | | | |

| Shurbs | Trimuru | Zantho Xylum Aurmatum | Shurbs | Sub-Tropical | Rare | Rare | own | Fruit | nil | Nil | Generally held by community |
|--------|--------------|------------------------|--------|-------------------|----------|----------|-----|-------------|-----|-----|-----------------------------|
| Shurbs | Anardana | Punica granatum | Shurbs | Sub-Tropical area | Rare | Rare | own | Fruit | nil | Nil | Generally held by community |
| Shurbs | brankad | Adha toda vesica | Shurbs | Lower shiwalik | Abundant | Abundant | own | Flower | nil | Nil | Generally held by community |
| Shurbs | Akk | Ipomea fistulosa | Shurbs | Lower shiwalik | Abundant | Abundant | own | | nil | Nil | Generally held by community |
| Shurbs | Thor/Shuu | Euphorbia royleana | Shurbs | Sub-Tropical | Rare | Rare | own | Stem | nil | Nil | Generally held by community |
| Shurbs | Bhang | Canabis sativia | Shurbs | Sub-Tropical | Abundant | Abundant | own | Leaves | nil | Nil | Generally held by community |
| Herbs | Jungli putna | Mentha arvensis | Herbs | Sub-Tropical | Abundant | Abundant | own | Leaves | nil | Nil | Generally held by community |
| Herbs | Banfsha | Viola odorata | Herbs | Sub-Tropical | Abundant | Abundant | own | Flower | nil | Nil | Generally held by community |
| Grass | Drub/Khabbal | Cyanodon dactylon | Grass | Sub-Tropical | Abundant | Abundant | own | Leaves | nil | Nil | Generally held by community |
| Grass | Kai/Kaana | Saccharum spontaneum | Grass | Lower shiwalik | Abundant | Abundant | own | Leaves/Stem | nil | Nil | Generally held by community |
| | Bhaan | Dendrocalamus strictus | | | | | own | | nil | Nil | Generally held by community |

| Simlu | Berberis aristata DC | | | own | nil | Nil | Generally held by community |
|-----------|----------------------|--|--|-----|-----|-----|-----------------------------|
| Khabal | Cynodon dactylon | | | own | nil | Nil | Generally held by community |
| Ganachhi | | | | own | nil | Nil | Generally held by community |
| Kankoliya | | | | own | nil | Nil | Generally held by community |
| kalyad | Ficus tsjahela | | | own | nil | Nil | Generally held by community |
| Brainkad | Adhadoda vasica | | | own | nil | Nil | 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 | Akhroot | Juglans Regia | Wild | Social and Economic | Available | | | | | | | | | |
| 2 | Bhang | Cannabis sativa | Wild | Social and Economic | Available | | | | | | | | | |
| 3 | Wild Anar | Punica granatum | Wild | Social and Economic | Available | | | | | | | | | |

| | Format-20 Aquatic Biodiversity | | | | | | | | | | | | |
|--------------|--------------------------------|---------|----------|---------|--------------|-----|------|---------------|---------------|-----------------------------|--|--|--|
| 1 | 1 2 3 4 5 6 7 8 9 10 | | | | | | | | | 10 | | | |
| Local Status | | | | | | | | | | | | | |
| Local Name | Scientific Name | Variety | Features | Habitat | Past Present | | Uses | Associated TK | Other details | Community/ Knowledge Holder | | | |
| Frog | Nil | | | Nil | | Nil | Nil | | | | | | |
| Sakred | Nil | | | Nil | | Nil | Nil | | | | | | |

| | Format-21 Wild Aquatic Plant Species of Importance | | | | | | | | | | | | |
|---------|--|-----------------|---------|------------|--------|--|--|--|--|--|--|--|--|
| 1 | 1 2 3 4 5 6 | | | | | | | | | | | | |
| Sl. No. | Local Name | Scientific Name | Variety | Importance | Trends | | | | | | | | |
| Nil | Nil | Nil | Nil | Nil | Nil | | | | | | | | |

| | Format-22 Wild Plants of Medicinal Importance | | | | | | | | | | | | | |
|-----------------------------|---|--------------------|---------|-----------------------------------|-----------|-----------|--|---|-----------|-------------------------------------|----------------------------------|--|--|--|
| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 | | | |
| Plant(Herb, Shrub, Tree) | Local Name | Scientific Name | Variety | Landscape/Habitat | Local | Status | Associated TK | Uses(usage) | Part used | Other Details market/ own use | Community Knowledge Holder | | | |
| Herbs | Banfsha | Viola odorata | Herbs | Lower shiwalik/ Temperate area | Abundant | Abundant | own | Flowers aer used ini perfumery & are also used medicinally as demulcent and billiousness & longs trouble3 | | | | | | |
| Trees | Simlu | Berberis lyceum | | Sub-Tropical | Available | Available | It is an excellent tonic for combating ability after malarial & other fevers & diseases | Fruit, roots | | | | | | |
| Trees | Kikar | Acacia nilotica | | Sub-Tropical | Available | Available | | | | | | | | |
| Trees | Bhang | Cannabis Sativa | | Sub-Tropical | Available | Available | | | | | | | | |
| Trees | Reetha | sapindus mukorossi | | Sub-Tropical | Available | Available | | | | | | | | |
| Trees | Toot | Morus Alba | | Sub-Tropical | Available | Available | | | | | | | | |
| Trees | Draink | Melia azedarach | | Sub-troplical | Available | Available | | | | | | | | |
| Herbs | Giloe | Tinospora sinensis | Wild | Sub-troplical | Available | Available | | | | | | | | |

| | Format 23: Wild relatives of Crops | | | | | | | | | |
|----------------|------------------------------------|-----------------|-------------------|-----------|-----------|---------------|----------------|----------------------|---------------|------------------------------|
| 1 | 2 | 3 | 4 | | 5 | | 7 | 8 | 9 | 10 |
| Local Name | Scientific name | Associated area | Landscape/ | Loca | l status | Uses | Part Used | Associated TK | | Community / |
| Local Name | Scientific name | Associated crop | Habitant | Past | Present | Uses | rart Used | Associated 1 K | Other Details | Knowledge Holder |
| Ban khori | Aesculas indica | Akhrot | Scattered | Available | Available | | Fruit / leaves | | | |
| Jungli putna | Mentha arvensis | Putna | Along the Nalla's | Rare | Rare | Medicinal use | Laef | Medicinal Properties | | Generally, held by community |
| Chaleri Saag | Amaranthus virdis | | | | | | | | | |
| Amlook | persimmon | | | | | | | | | |
| Congress Grass | Parthenium hysterophorus | | | | | | | | | |
| Batangi | | | | | | | | | | |

| | Format 24: Ornamental Plants | | | | | | | | | |
|------------|------------------------------|-------------------|---------|--------------------|---------------------------------|---------------|---------------|---------------------------------|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| Plant type | Local Name | Scientific name | Variety | Landscape/Habitant | Commercial / Non- commercial | Associated TK | Other Details | Community / Knowledge Holder | | |
| Shrubs | Gandera | Nerium oleander | | Near the nalla's | Non-Commercial | N.A | N.A | | | |
| Shrubs | Aloe vera | Aloe barbadensis | | | | | | | | |
| Shrubs | Bottle brush | Callistemmon spp. | | | | | | | | |
| Shrubs | Tulsi | Ocimum sanctum | | | | | | | | |
| Shrubs | Gutta | Garcinia gummi | | | | | | | | |
| Shrubs | Rose | Rosa bourboniana | | | | | | | | |
| Shrubs | Cactus | Cactaceae | | | | | | | | |

| | Format-25 Fumigate/Chewing Plants | | | | | | | | | | |
|------------|-----------------------------------|----------------------|---------|-----------------|------|----------|--|-----------------|---------------|---------------|---------------------------------|
| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 |
| | | | | | Loca | l status | | | | | Garage 4. I |
| Plant Type | Local Name | Scientific name | Variety | Habitant | Past | Present | Uses | Part use | Associated TK | Other Details | Community / Knowledge Holder |
| Shrubs | Trimuru | Zanthoxylum aurmatum | - | Forest | Rare | Rare | use for teeth Cleaning/ Medicinal Purpose | Fruit, Branches | - | - | Generally, held by community |
| Shrubs | brankad | Adhatoda vesica | - | Locally present | Rare | Rare | Medicinal purpose | Flower | - | - | Generally, held by community |
| Shrubs | Bana | Vitex negundo | - | Locally present | Rare | Rare | use for teeth Cleaning | Branches | - | - | Generally, held by community |
| Shrubs | Kiker | Acacia Nilotica | - | Forest | Rare | Rare | use for teeth Cleaning | Branches | - | - | Generally, held by community |

| | Format-26 Timber Plants | | | | | | | | | |
|------------|-------------------------|---------|----------|----------|-------------------------|--------------------------|---------------|--------------------------------|--|--|
| 1 | 2 | 3 | | 4 | 5 | 6 | 7 | 8 | | |
| | | | Loca | l Status | | | | | | |
| Local Name | Scientific Name | Habitat | Past | Present | Other Uses, if any | Associated TK | Other Details | Community/ Knowledge Holder | | |
| Chir | Pinus roxburghii | | Rare | Rare | Roofing, furniture etc. | Whole for different uses | | | | |
| Oak | Quercus incana | | Moderate | Moderate | Roofing, furniture etc. | Whole for different uses | | | | |
| Kiker | Acacia Nilotica | | | | | | | | | |
| Behra | Terminalia bellerica | | | | | | | | | |
| Manu | Ulmus | | | | | | | | | |
| Safeda | Eucalyptus spp. | | | | | | | | | |
| Hari | Prunus armeniaca | | | | | | | | | |

Melia azedarach

Draink

| | Format-27 A. Coastal and Marine Flora | | | | | | | | | |
|------------|---------------------------------------|-----------------|---------|------|--------------|-----------------------------|-----------------------------|------------|---------------|-----------------------------|
| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | Loc | Local Status | | | | | |
| Plant Type | Local Name | Scientific Name | Habitat | Past | Present | Parts Collected (if any) | Commercial Uses (if any) | Other Uses | Associated TK | Community/ Knowledge Holder |
| Nil | Nil | | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |

| | Format-27 B. Coastal and Marine Fauna | | | | | | | | | | |
|-------------|---------------------------------------|-----------------|---------|---------------|---------|-----------------------------|-----------------------------|------------|---------------|-----------------------------|--|
| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | |
| Animal Type | Local Name | Scientific Name | Habitat | Local Past | Present | Parts Collected (if any) | Commercial Uses (if any) | Other Uses | Associated TK | Community/ Knowledge Holder | |
| Nil | Nil | | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | |

| | | | Format - 28. | Wild Anin | nals (Mamma | als, Birds, | Reptiles, A | mphibians, Ins | sects, others |) | |
|-------------|----------------|--------------------------|--------------|-------------|------------------|-------------|-------------|----------------|------------------|---|---------------|
| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 |
| | | | | | | Local | Status | | | Mode of Hunting, collecting (if any) | |
| Animal Type | Local Name | Scientific Name | Habitat | Description | Season when seen | Past | Present | Uses(if any) | Associated TK | | Other Details |
| | Porcupine | Hystrix indica | Mammal | | | Available | Available | Prohibited | | Maintains forest ecosystem | |
| | Leopard | Panther pardus | Mammal | | | Available | Available | Prohibited | | Maintains forest ecosystem | |
| | House crow | Corvus splendens | Bird | | | Available | Available | Prohibited | | Maintains forest ecosystem | |
| | Koel | Eudynamys scolopaceas | Bird | | | Available | Available | Prohibited | | Maintains forest ecosystem | |
| | Snake | serpentes | | | | | | | | | |
| | The Indian Fox | Vulpes bengalensis | | | | | | | | | |
| | frog | Anura | | | | | | | | | |
| | Mouse | Mus musculus | | | | | | | | | |
| | Cat | Felis cactus | | | | | | | | | |
| | Nol | | | | | | | | | | |
| | Ban kukdi | | | | | | | | | | |
| | Rabbit | Oryctolagus cuniculus | | | | | | | | | |
| | Bat | Chiroptera | | | | | | | | | |

| Madhu Makhi | Apis | | | | | |
|-------------|----------------|--|--|--|--|--|
| Parrot | Psittaciformes | | | | | |
| | | | | | | |

12 Community Knowledge Holder

| | Forma | t 29: Flora | | URBAN BIODIVERSITY | | | | |
|---------|------------|-----------------|----------------|--------------------|------------------|------------------------------|--|--|
| 1 | 2 3 4 | | 4 | 5 | 6 | 7 | | |
| Sr. No. | Local Name | Scientific Name | Type of Plants | Habitat | Flowering Season | Remarks (Rare / Common etc.) | | |
| Nil | Nil | Nil | Nil | Nil | Nil | Nil | | |

Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings / other institutional areas.

| Format 3 | 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.) | | | | |
| Nil | Nil | Nil | Nil | Nil | Nil | | | | |

FORMAT - 31

| | Any other information of local importance | | | | | | | | |
|---------|--|---------|--|--|--|--|--|--|--|
| 1 | 2 | 3 | | | | | | | |
| Sr. No. | Information of local importance | Remarks | | | | | | | |
| 1 | the halqa panchayat is near the loc and is affected by shelling and connected by the road constructed by bro. this area is also adjacent to the city .urban-rural continum is clearly visible. | Nil | | | | | | | |