

## People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Vijaypur

Taluk:

District: Samba

State:

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: Total 2900

Male 1647

Habitat and Topography: Kandi

Climate (Rainfall, Temperature and weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation : 16-02-2022

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

**Annexure 1**

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

of the Chairperson: Ved Rani

Male

Mr. Suchani

Realization:

Mr. Tabassum , Ward - 5

Male

Mr. Suchani

Realization:

Ms. Urmila Kumari, Ward - 2

Male

Mr. Suchani

Realization:

Mr. Soni Mohd. , Ward - 3

Male

Mr. Suchani

Realization:

Mr. Kulbir Singh

Male

Mr. Suchani

Realization:

## 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 : NA

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: NA

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

### Annexure 3

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

1) Name of the Chairperson: NA

Age:

Gender:

Address:

Area of specialization:

2) Name :

Age:

Gender:

Address:

Area of specialization:

3) Name :

Age:

Gender:

Address:

Area of specialization:

4) Name :

Age:

Gender:

Address:

Area of specialization:

**Annexure 4**

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

1) Contact Person:

Name and Address:

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:



**Format 1: Crop Plants**

| 1    | 2               | 3          | 4       | 5                   | 6                  | 7            |         | 8                                                                    | 9               | 10                       | 11                   | 12                                 | 13                     | 14                          |
|------|-----------------|------------|---------|---------------------|--------------------|--------------|---------|----------------------------------------------------------------------|-----------------|--------------------------|----------------------|------------------------------------|------------------------|-----------------------------|
| Crop | Scientific Name | Local Name | Variety | Landscape / Habitat | Approx. area shown | Local Status |         | Special features                                                     | Cropping season | Uses                     | Associated TK        | Other details                      | Source of Seeds/Plants | Community/ Knowledge Holder |
|      |                 |            |         |                     |                    | Past         | Present |                                                                      |                 |                          |                      |                                    |                        |                             |
| Rice | Oryza sativa    |            | Veliyan | Lowland valleys     |                    | Plenty       | Rare    | Tall variety High yield Resistant to drought, flood, pest & diseases |                 | Food Fodder Roofing Fuel | Provides more energy | Suitable for "Valicha" cultivation |                        | Kurichiya Kuruma W. Chetty  |

**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 |                                   |                    |                                                 |                            |                                |                              |
| Woody   | <i>Mangifera indica</i> | Amb        | Wild, Dashehari,                  | Sub-tropical        | Good         | Good    | Seedling trees, grafted plants.   | March to           | Record available in old books.                  | Sucking, table, processing | Own uses and sold in market    | Popular in local population. |
| Tree    |                         |            | Malda, Amrapali,                  |                     |              |         |                                   | August             |                                                 |                            |                                |                              |
|         |                         |            | Mallika, Langra,                  |                     |              |         |                                   | Aug                |                                                 |                            |                                |                              |
|         |                         |            | Swarn Rekha,                      |                     |              |         |                                   |                    |                                                 |                            |                                |                              |
|         |                         |            | Chausa, Fazli,                    |                     |              |         |                                   |                    |                                                 |                            |                                |                              |
|         |                         |            | Totapuri, Ramkila, Baramasim etc. |                     |              |         |                                   |                    |                                                 |                            |                                |                              |
| Woody   |                         |            | Dehradun, Calcutti,               | Sub-tropical        | Good         | Good    | Layered plants.                   | March to           | Introduced by traders and domesticated locally. | Table and processing       | Own uses and sold in market    | Popular in local population. |
| Tree    |                         |            | Seedless, Rose                    |                     |              |         |                                   | July               |                                                 |                            |                                |                              |
|         |                         |            | Scented                           |                     |              |         |                                   |                    |                                                 |                            |                                |                              |
| Woody   | <i>Pidium guajava</i>   | Amrood     | Wild, Allahbad,                   | Sub-tropical        | Good         | Good    | Seedling trees, grafted/ layered. | March to           | Introduced by traders and domesticated locally. | Table and processing.      | Own uses and sold in market    | Popular in local population. |
| Tree    |                         |            | Sardar, Lalit, Arka               |                     |              |         |                                   | August,            |                                                 |                            |                                |                              |
|         |                         |            | Amulaya, Sheveta,                 |                     |              |         |                                   | Dec. To            |                                                 |                            |                                |                              |
|         |                         |            | Punjab Pink                       |                     |              |         |                                   | January            |                                                 |                            |                                |                              |
| Climber | <i>Vitis vinifera</i>   | Angoor     | Wild, Perllat,                    | Sub-tropical        | Good         | Good    | Cuttings                          | Feb. To            | Introduced by traders and domesticated locally. | Table and processing.      | Own uses and sold in market    | Popular in local population. |
|         |                         |            | Beauty Seedless                   |                     |              |         |                                   | June               |                                                 |                            |                                |                              |
| Woody   | <i>Emblica</i>          | Amla       | wild, Banarsi,                    | Sub-tropical        | Good         | Good    | Seedling trees, grafted plants.   | March to Nov.      | Record available in old books.                  | Processing                 | Own uses and sold in market    | Popular in local population  |



|       |                             |             |                       |              |      |      |                              |                |                               |                               |                             |                              |
|-------|-----------------------------|-------------|-----------------------|--------------|------|------|------------------------------|----------------|-------------------------------|-------------------------------|-----------------------------|------------------------------|
| Tree  | <i>officinalis</i>          |             | Neelam, NA 7.         |              |      |      |                              |                |                               |                               |                             | population.                  |
| Woody | <i>Citrus sinensis</i>      | Mosammi     | Mosambi, Jaffa,       | Sub-tropical | Good | Good | Grafted                      | March to Jan.  | Record vailable in old books. | Table and processing.         | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             | Red Blood             |              |      |      | Plants                       |                |                               |                               |                             |                              |
| Woody | <i>Citrus reticulata</i>    | Sangtra     | Kinnow, Sangtra       | Sub-tropical | Good | Good | Grafted                      | March to Jan.  | Record vailable in old books. | Table and processing.         | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             |                       |              |      |      | Plants                       |                |                               |                               |                             |                              |
| Woody | <i>Citrus aurantifoli a</i> | Nimboo      | Wild, Kagzi, Italian, | Sub-tropical | Good | Good | Grafted                      | March to Oct.  | Record vailable in old books. | Processing.                   | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             | Eureka                |              |      |      | Plants                       |                |                               |                               |                             |                              |
| Woody | <i>Ctrus limon</i>          | Galgal      | Wild                  | Sub-tropical | Good | Good | Seedling andn Grafted Plants | March to Sept. | Record vailable in old books. | Processing.                   | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             |                       |              |      |      |                              |                |                               |                               |                             |                              |
| Woody | <i>Ctrus medica</i>         | Kimb        | Wild                  | Sub-tropical | Good | Good | Seedling trees               | March to Sept. | Record vailable in old books. | Processing.                   | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             |                       |              |      |      |                              |                |                               |                               |                             |                              |
| Woody | <i>Citrus jambhiri</i>      | Jamiri      | Wild                  | Sub-tropical | Good | Good | Seedling trees               | March to Oct.  | Record vailable in old books. | Processing, root stock        | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             |                       |              |      |      |                              |                |                               |                               |                             |                              |
| Woody |                             |             | Wild                  | Sub-tropical | Good | Good | Seedling trees               | March to Sept. | Record vailable in old books. | Table and processing.         | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             |                       |              |      |      |                              |                |                               |                               |                             |                              |
| Woody | <i>Citrus x floridana</i>   | Kumquat     | Wild                  | Sub-tropical | Good | Good | Grafted                      | March to Jan.. | Record vailable in old books. | Processing.                   | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             |                       |              |      |      | Plants                       |                |                               |                               |                             |                              |
| Woody | <i>Citrus tangerina</i>     | Narangi     | Wild                  | Sub-tropical | Good | Good | Grafted                      | March to Dec.  | Record vailable in old books. | Ornamental and processing.    | Own uses                    | Popular in local population. |
| Tree  |                             |             |                       |              |      |      | Plants                       |                |                               |                               |                             |                              |
| Woody | <i>Zizyphus mauritiana</i>  | Ber         | Umran, Katha, Seb     | Sub-tropical | Good | Good | Grafted                      | March to Nov.  | Record vailable in old books. | Table purposes                | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             |                       |              |      |      | Plants                       |                |                               |                               |                             |                              |
| Woody | <i>Zizyphus jujuba</i>      | Phowari Ber | Wild                  | Sub-tropical | Good | Good | Seedlings                    | March to Nov.  | Record vailable in old books. | Table purposes                | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             |                       |              |      |      |                              |                |                               |                               |                             |                              |
| Bush  | <i>Grewia subinaequa</i>    | Phalsa      | Wild                  | Sub-tropical | Good | Good | Seedlings and Cuttings       | March to       | Record vailable in old books. | Processing                    | Own uses and sold in market | Popular in local population. |
|       | <i>lis</i>                  |             |                       |              |      |      |                              | July           |                               |                               |                             |                              |
| Woody | <i>Syzygium cumini</i>      | Jamun       | Wild                  | Sub-tropical | Good | Good | Seedlings and Grafted        | March to       | Record vailable in old books. | Processing                    | Own uses and sold in market | Popular in local population. |
| Tree  |                             |             |                       |              |      |      |                              | July           |                               |                               |                             |                              |
| Woody | <i>Punica granatum</i>      | Anar        | Wild, Ganesh,         | Sub-tropical | Good | Good | Cuttings                     | March to       | Record vailable in old books. | Table purposes and processing | Own uses and sold in market | Popular in local population. |

|            |                         |         |                |              |      |      |           |          |                                                 |                               |                             |                              |
|------------|-------------------------|---------|----------------|--------------|------|------|-----------|----------|-------------------------------------------------|-------------------------------|-----------------------------|------------------------------|
| Tree       |                         |         | Kandhari,      |              |      |      |           | July     |                                                 |                               |                             | population.                  |
| Woody      | <i>Cordia myxa</i>      | Lasooda | Wild           | Sub-tropical | Good | Good | Seedlings | March to | Record vailable in old books.                   | Processing purposes           | Own uses and sold in market | Popular in local population. |
| Tree       |                         |         |                |              |      |      |           | June     |                                                 |                               |                             |                              |
| Bush       | <i>Carissa carandas</i> | Gerna   | Wild           | Sub-tropical | Good | Good | Seedlings | March to | Record vailable in old books.                   | Table purposes and processing | Own uses and sold in market | Popular in local population. |
|            |                         |         |                |              |      |      |           | July     |                                                 |                               |                             |                              |
| Woody Tree | <i>Aegle marmalos</i>   | Bill    | Wild           | Sub-tropical | Good | Good | Seedlings | March to | Record vailable in old books.                   | Table purposes and processing | Own uses and sold in market | Popular in local population. |
| Woody      | <i>Prunus persica</i>   | Aru     | Wild, Sun Red, | Sub-tropical | Good | Good | Grafted   | Feb. to  | Introduced by traders and domesticated locally. | Table purposes and processing | Own uses and sold in market | Popular in local population. |
| Tree       |                         |         | Florida Sun    |              |      |      | Plants    | June     |                                                 |                               |                             |                              |









**Format 7: Peoplescape**

| 1                      | 2                                                                                                                                                                                                       | 3                                          | 4                     | 5                                                                                                                                                                                                                         | 6                                                                                                                                                                                                         | 7                                                                                                                                                    | 8            | 9                | 10                    | 11         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|-----------------------|------------|
| Community & Population | Families & Major occupation                                                                                                                                                                             | Sub-occupation                             | Depending Landscape   | Major resources accessed and seasons of access                                                                                                                                                                            | Landscape management practices                                                                                                                                                                            | Resource management practices                                                                                                                        | Cast / tribe | Social condition | Nature of inhabitants | No. of HHs |
|                        | 254 Farming (agriculture)farmers are continously shifting from agriculture to other activiteis due to wild animals amd lack of irrigation faslities,majority are pvt jobs or labour oriented activities | 1Animal Husbandary<br>2.collection of NTFP | Agriculture landscape | land, water,labour, capital , improved agriculture inputs and biodiversity for sustaining the profitability of agriculture, maintaining livelihoods and social well-being in rural communities. Seasons : KHARIF AND RABI | By following the Agronomic practices : that farmers incorporate to improve soil quality, enhance water usage, manage crops and better fertilizer management as a way of improving agricultural practices. | 1.tillage practices and reconsolidation<br>2. plant and crop rotations<br>3.irrigation management<br>4. proper use of maure and fertilizer<br>5. IPM |              |                  |                       |            |
|                        | 254 Farming (agriculture)farmers are continously shifting from agriculture to other activiteis due to wild animals amd lack of irrigation faslities,majority are pvt jobs or labour oriented activities | 1Animal Husbandary<br>2.collection of NTFP | Agriculture landscape | land, water,labour, capital , improved agriculture inputs and biodiversity for sustaining the profitability of agriculture, maintaining livelihoods and social well-being in rural communities. Seasons : KHARIF AND RABI | By following the Agronomic practices : that farmers incorporate to improve soil quality, enhance water usage, manage crops and better fertilizer management as a way of improving agricultural practices. | 1.tillage practices and reconsolidation<br>2. plant and crop rotations<br>3.irrigation management<br>4. proper use of maure and fertilizer<br>5. IPM |              |                  |                       |            |

**Format 8: Landscape**

| 1                     |      |             | 2                | 3                               | 4                               | 5                         | 6                                                         | 7                              | 8                    | 9                          | 10            | 11            | 12                 |
|-----------------------|------|-------------|------------------|---------------------------------|---------------------------------|---------------------------|-----------------------------------------------------------|--------------------------------|----------------------|----------------------------|---------------|---------------|--------------------|
| Major Landscapes      |      |             | Sub - Landscapes | Features and approx. area       | Ownership                       | General flora             | General fauna                                             | User groups                    | Management practices | General uses               | Associated TK | Other details | Community accessed |
| Agricultural land     | Pond | Fallow land |                  |                                 |                                 |                           |                                                           |                                |                      |                            |               |               |                    |
| Plains and Kandi area |      |             | plains           | hilly as well as                | Forest, private and state lands | Broad leaved mainly       | Domestic animals wildlife such as porcupine, jackel, etc. | Public, Private and Govt. also |                      | Plantation and agriculture |               |               |                    |
|                       |      |             | Hillocks         | plain terrian with gentle slope | Forest, private and state lands | Broad leaved and conifers | Domestic animals wildlife such as porcupine, jackel, etc. | Public, Private and Govt. also |                      | Plantation and agriculture |               |               |                    |
| Shiwalik areas        |      |             | Hills            | Hills with gentle slopes        | Forest, private and state lands | Broad leaved and conifers | Domestic animals wildlife such as porcupine, jackel, etc. | Public, Private and Govt. also |                      | Plantation and agriculture |               |               |                    |



### 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 |
| Dug wells               |           |                          | private                      |               | frogs fishes                             | cattle , washing clothes, irrigation, drinking | public      |                      |              |               |               |                    |
| Handpump                |           |                          | private                      |               | frogs fishes                             | cattle , washing clothes, irrigation, drinking | public      |                      |              |               |               |                    |
| Canals                  |           |                          | private                      |               | Snakes                                   |                                                | public      |                      |              |               |               |                    |
| Strems                  |           |                          | Forest lans and Private land |               | frogs fishes<br>Torotoise, snakes, snail | cattle , washing clothes, irrigation, drinking | public      |                      |              |               |               |                    |
| Tubw well               |           |                          | Forest lans and Private land |               | frogs fishes<br>Torotoise, snakes, snail | cattle , washing clothes, irrigation, drinking | public      |                      |              |               |               |                    |
| Ponds                   |           |                          | Forest lans and Private land | Kamal, Baryan | Frogs, Fishes, Tortoise, snakes, snail   | cattle , washing clothes, irrigation, drinking | public      |                      |              |               |               |                    |

**Format 10: Soil type**

| 1                           | 2                   | 3                   | 4               | 5                      | 6               | 7             | 8                 |
|-----------------------------|---------------------|---------------------|-----------------|------------------------|-----------------|---------------|-------------------|
| Soil Type                   | Color & Texture     | Features            | Soil management | Plants / crop suitable | Flora and fauna | Associated TK | Other information |
| Alluvial sandy soi          | Fine & coarse grain | rich in N,ca, fe,si |                 |                        |                 |               |                   |
| Red podozolic soil          | brown,red           | fe,ca,fe,n,si       |                 |                        |                 |               |                   |
| Unconsolidated boulder soil | Coarse grain, rocky | fe, si              |                 |                        |                 |               |                   |

**Format 11: Fruit Trees**

| 1          | 2          | 3                        | 4       | 5                     | 6            |          | 7                        | 8                     | 9            | 10               | 11                                 | 12                             |
|------------|------------|--------------------------|---------|-----------------------|--------------|----------|--------------------------|-----------------------|--------------|------------------|------------------------------------|--------------------------------|
| Plant Type | Local Name | Scientific Name          | Variety | Landscape/<br>Habitat | Local Status |          | Source of<br>plant/seeds | Season of<br>Fruiting | Uses (usage) | Associated<br>TK | Other details<br>market/own<br>use | Community/ Know.<br>holder     |
|            |            |                          |         |                       | Past         | Present  |                          |                       |              |                  |                                    |                                |
| Trees      | Kiker      | <i>Acacia Nilotica</i>   |         | Lower shiwalik        | Rare         | Rare     |                          |                       | own          | nil              | nil                                | Generally held by<br>community |
| Trees      | Mango      | <i>Mangifera Indica</i>  |         | Lower shiwalik        | Abundant     | Abundant |                          |                       | own          | nil              | nil                                | Generally held by<br>community |
| Trees      | Safeda     | <i>Eucalyptus Spp.</i>   |         | Lower shiwalik        | Rare         | Abundant |                          |                       | commercial   | nil              | nil                                | Generally held by<br>community |
| Trees      | Sree       | <i>Ailbizzia lebbeck</i> |         | Lower shiwalik        | Abundant     | Abundant |                          |                       | own          | nil              | nil                                | Generally held by<br>community |
| Trees      | Talli      | <i>Dalberisissoo</i>     |         | Lower shiwalik        | Abundant     | Abundant |                          |                       | own          | nil              | nil                                | Generally held by<br>community |
| Trees      | Tuni       | <i>Toona ciliate</i>     |         | Lower shiwalik        | Abundant     | Abundant |                          |                       | own          | nil              | nil                                | Generally held by<br>community |
| Trees      | Popular    | <i>Populus ciliate</i>   |         | Lower shiwalik        | Rare         | Abundant |                          |                       | own          | nil              | nil                                | Generally held by<br>community |
| Trees      | Chir       | <i>Pinus roxburhli</i>   |         | Lower shiwalik        | Rare         | Abundant |                          |                       | own          | nil              | nil                                | Generally held by<br>community |
| Trees      | Jammun     | <i>Syzygium cumini</i>   |         | Lower shiwalik        | Rare         | Abundant |                          |                       | own          | nil              | nil                                | Generally held by<br>community |

**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      | Duldu        | <i>Taraxacum officinale</i>      |         | Temperature area   | root                  | Rare         | Rare     | nil          | leaves       | NA            | NA                           | Generally held by community |
| Herbs      | Tarad        | <i>Discorea belophylla</i>       |         | lower shiwalik     | seed                  | Abundant     | Abundant | nil          | root         | NA            | NA                           | Generally held by community |
| Herbs      | Jungli Putna | <i>Mentha arvensis</i>           |         | lower shiwalik     | root                  | Abundant     | Abundant | nil          | leaves       | NA            | NA                           | Generally held by community |
| Shrubs     | Trimuru      | <i>Zanthoxylum aurmatum</i>      |         | lower shiwalik     | seed                  | Rare         | Rare     | nil          | fruit        | NA            | NA                           | Generally held by community |
| Shrubs     | brankad      | <i>Adha toda vesica</i>          |         | lower shiwalik     | seed                  | Abundant     | Abundant | nil          |              | NA            | NA                           | Generally held by community |
| Shrubs     | drainkdu     | <i>Murraya koenigii</i>          |         | sub tropical area  | seed                  | Rare         | Rare     | nil          | fruit        | NA            | NA                           | Generally held by community |
| Shrubs     | dussa        | <i>Colebrookig oppositifolia</i> |         | lower shiwalik     | seed                  | Abundant     | Abundant | nil          | flowers      | NA            | NA                           | Generally held by community |
| Shrubs     | thor/shuu    | <i>Euphorbia royleana</i>        |         | lower shiwalik     | seed                  | Abundant     | Abundant | nil          | leaves       | NA            | NA                           | Generally held by community |
| Shrubs     | bareyan      | <i>Acrous calamus</i>            |         | lower shiwalik     | seed                  | Rare         | Rare     | nil          | leaves       | NA            | NA                           | Generally held by community |
| Shrubs     | bhang        | <i>Canabis sativia</i>           |         | lower shiwalik     | seed                  | Abundant     | Abundant | nil          |              | NA            | NA                           | Generally held by community |
| tree       | amla         | <i>Phyllanthus emblica</i>       |         | lower shiwalik     | seed                  | Abundant     | Abundant | nil          | leaves/fruit | NA            | NA                           | Generally held by community |

|      |            |                             |  |                   |      |          |          |                              |              |    |    |                             |
|------|------------|-----------------------------|--|-------------------|------|----------|----------|------------------------------|--------------|----|----|-----------------------------|
| tree | bair       | <i>Ziziphus xylocarpa</i>   |  | lower shiwalik    | seed | Rare     | Rare     | nil                          | stem         | NA | NA | Generally held by community |
| tree | Bheda      | <i>Terminalia bellerica</i> |  | lower shiwalik    | seed | Rare     | Rare     | nil                          | fruit        | NA | NA | Generally held by community |
| tree | Bail patri | <i>Angel mermelos</i>       |  | sub tropical area | seed | Abundant | Abundant | nil                          | leaves       | NA | NA | Generally held by community |
| tree | Drank      | <i>Meliaazedarach</i>       |  | lower shiwalik    | seed | Abundant | Abundant | nil                          | stem/fruit   | NA | NA | Generally held by community |
| tree | harad      | <i>Terminalia bellerica</i> |  | lower shiwalik    | seed | Abundant | Abundant | good for digestion           | leaves/fruit | NA | NA | Generally held by community |
| tree | jamanu     | <i>Sygium cumini</i>        |  | lower shiwalik    | seed | Abundant | Abundant | maintain sugar level in body | leaves/fruit | NA | NA | Generally held by community |
| tree | lusada     | <i>Cordia dichotoma</i>     |  | lower shiwalik    | seed | Rare     | Rare     | nil                          | leaves/fruit | NA | NA | Generally held by community |
| tree | mangoo     | <i>Mangifera indica</i>     |  | lower shiwalik    | seed | Abundant | Abundant | nil                          | stem/fruit   | NA | NA | Generally held by community |
| tree | retha      | <i>Sapindus mukorossii</i>  |  | lower shiwalik    | seed | Rare     | Rare     | nil                          | fruit        | NA | NA | Generally held by community |
| tree | neem       | <i>Azadirecta indica</i>    |  | lower shiwalik    | seed | Rare     | Rare     | nil                          | leaves/bark  | NA | NA | Generally held by community |
| tree | Talli      | <i>Dalbergia sissoo</i>     |  | lower shiwalik    | seed | Abundant | Abundant | nil                          | stem         | NA | NA | 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  |                   |                    |               |               |                              |
| Trees      | Kiker      | <i>Acacia nilotica</i>  | Lower shiwalik | Rare         | Rare     | Wild              | own                | nil           | nil           | Generally, held by community |
| Trees      | Mangoo     | <i>Mangifera indica</i> | Lower shiwalik | Abundant     | Abundant | Wild/ home-garden | own                | nil           | nil           | Generally, held by community |
| Trees      | Safeda     | <i>Eucalyptus spp.</i>  | Lower shiwalik | Rare         | Abundant | Wild              | commercial         | nil           | nil           | Generally, held by community |
| Trees      | Sree       | <i>Albizia lebbeck</i>  | Lower shiwalik | Abundant     | Abundant | Wild              | own                | nil           | nil           | Generally, held by community |
| Trees      | Talli      | <i>Dalbergia sissoo</i> | Lower shiwalik | Abundant     | Abundant | Wild              | own                | nil           | nil           | Generally, held by community |
| Trees      | Jammun     | <i>Syzygium cumini</i>  | Lower shiwalik | Rare         | Abundant | Wild              | own                | nil           | nil           | 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   |              |               |                    |                                               |                         |
| Cow         | Ghan            | <i>Bosindicus</i>        | ND                   | low yield         | Back yard         | constant     | constant  | Milk         |               | No                 | Milk                                          | all                     |
| Jersey Ghan | Jersey Ghan     | <i>Bosiaurus</i>         | CB jersey            | Dished face       | Back yard         | few          | increased | Milk         |               | yes                | Milk                                          | all                     |
|             | Austrilian Ghan | <i>Bostaurus</i>         | CB HF                | B/W spotted       | Back yard         | few          | increased | Milk         |               | yes                | Milk                                          | all                     |
| Buffalo     | Manj            | <i>Busales Bubalis</i>   | local                | low yield         | Back yard         | abdundant    | decreased | Milk         |               | No                 | Milk                                          | Gujjar community        |
| Horse       | Ghora           | <i>Equees Caballus</i>   | local                | red coloured body | Back yard         | abdundant    | decreased | pack purpose |               | No                 | pack                                          | all                     |
| Poultry     | Bioller         | <i>Galus</i>             | hybrid               | white in color    | Back yard         | very few     | increased | meat         |               | yes                | meat                                          | all                     |
| Dog         | Kutta           | <i>Canis familiaries</i> | local                | Nil               | stray             | abdundant    | abdundant | Nil          | -             | No                 | No                                            | stray                   |



**Format 16: Culture Fisheries**

| 1                  | 2           | 3                        | 4                          | 5                                                                                                                                                                                                          | 6                                | 7            |         | 8         | 9             | 10                 | 11                                                                                           | 12                      |
|--------------------|-------------|--------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------|---------|-----------|---------------|--------------------|----------------------------------------------------------------------------------------------|-------------------------|
| Fish Type          | Local Name  | Scientific Name          | Variety                    | Features                                                                                                                                                                                                   | Waterscape<br>(pond/bheri/talao) | Local status |         | Uses      | Associated TK | Commercial rearing | Other details                                                                                | Community Know. Holders |
|                    |             |                          |                            |                                                                                                                                                                                                            |                                  | Past         | Present |           |               |                    |                                                                                              |                         |
| Indian Major Carps | Catla       | <i>Catla catla</i>       | IMC                        | Catla is a fish with large and broad head, a large protruding lower jaw and upturned mouth. It has large, greyish scales on dorsal side and whitish on belly.                                              | Ponds                            | Plenty       | Plenty  | Food Fish | -             | Yes                | Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed. | Fish Farming Community  |
| Indian Major Carps | Rohu        | <i>Labeo rohita</i>      | IMC                        | Herbivorous, its dorsal profile more convex than ventral, body with scales, head without scales, column to bottom feeder, mouth small and inferior with fringed lower lip. Cultured mostly in plain areas. | Ponds                            | Plenty       | Plenty  | Food Fish | -             | Yes                | Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed. | Fish Farming Community  |
| Indian Major Carps | Mrigal      | <i>Cirrhinus mrigala</i> | IMC                        | Omnivorous, bilaterally symmetrical and streamlined, head and snout devoid of scales, mouth inferior, barbels absent, cultured mostly in plain areas.                                                      | Ponds                            | Plenty       | Plenty  | Food Fish | -             | Yes                | Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed. | Fish Farming Community  |
| Exotic Carps       | Common Carp | <i>Cyprinus carpio</i>   | Exotic Carp/<br>Scale Carp | Omnivorous, body laterally compressed two pair of barbels, dorsal fin long, protrudible mouth and lips are extended like a short tube for sucking up food, hardy in nature.                                | Ponds                            | Plenty       | Plenty  | Food Fish | -             | Yes                | Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed. | Fish Farming Community  |



**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  |                      |                |               |               |                             |
| Herbs      | Duldu        | <i>Taraxacum officinale</i>      |       | sub tropical area | Rare         | Rare     | own use              | leaves         | nil           |               | Generally held by community |
| Herbs      | Tarad        | <i>Discorea belophylla</i>       |       | sub tropical area | Abundant     | Abundant | own use              | root           | nil           |               | Generally held by community |
| Herbs      | Jungli Putna | <i>Mentha arvensis</i>           |       | sub tropical area | Abundant     | Abundant | own use              | leaves         | nil           |               | Generally held by community |
| Shrubs     | Trimuru      | <i>Zanthoxylum aurmatum</i>      |       | sub tropical area | Rare         | Rare     | own use              | fruit          | nil           |               | Generally held by community |
| Shrubs     | brankad      | <i>Adha toda vesica</i>          |       | sub tropical area | Abundant     | Abundant | own use              |                | nil           |               | Generally held by community |
| Shrubs     | drainkdu     | <i>Murraya koenigii</i>          |       | sub tropical area | Rare         | Rare     | own use              | fruit          | nil           |               | Generally held by community |
| Shrubs     | dussa        | <i>Colebrookig oppositifolia</i> |       | sub tropical area | Abundant     | Abundant | own use              | flowers        | nil           |               | Generally held by community |
| Shrubs     | thor/shuu    | <i>Euphorbia royleana</i>        |       | sub tropical area | Abundant     | Abundant | own use              | leaves         | nil           |               | Generally held by community |
| Shrubs     | bareyan      | <i>Acrous calamus</i>            |       | sub tropical area | Rare         | Rare     | own use              | leaves         | nil           |               | Generally held by community |
| Shrubs     | bhang        | <i>Canabis sativa</i>            |       | sub tropical area | Abundant     | Abundant | own use              |                | nil           |               | Generally held by community |
| Tree       | amla         | <i>Phyllanthus emblica</i>       |       | sub tropical area | Abundant     | Abundant | own use              | leaves/fruit   | nil           |               | Generally held by community |
| Tree       | bair         | <i>Ziziphus xylocarpa</i>        |       | sub tropical area | Rare         | Rare     | own use              | stem           | nil           |               | Generally held by community |

|      |            |                             |  |                   |          |          |         |              |     |  |                             |
|------|------------|-----------------------------|--|-------------------|----------|----------|---------|--------------|-----|--|-----------------------------|
| Tree | Bheda      | <i>Terminalia bellerica</i> |  | sub tropical area | Rare     | Rare     | own use | fruit        | nil |  | Generally held by community |
| Tree | Bail patri | <i>Angel mermelos</i>       |  | sub tropical area | Abundant | Abundant | own use | leaves       | nil |  | Generally held by community |
| Tree | Drank      | <i>Meliaazedarach</i>       |  | sub tropical area | Abundant | Abundant | own use | stem/fruit   | nil |  | Generally held by community |
| Tree | harad      | <i>Terminalia bellerica</i> |  | sub tropical area | Abundant | Abundant | own use | leaves/fruit | nil |  | Generally held by community |
| Tree | jamanu     | <i>Sygium cumini</i>        |  | sub tropical area | Abundant | Abundant | own use | leaves/fruit | nil |  | Generally held by community |
| Tree | lusada     | <i>Cordia dichotoma</i>     |  | sub tropical area | Rare     | Rare     | own use | leaves/fruit | nil |  | Generally held by community |
| Tree | mangoo     | <i>Mangifera indica</i>     |  | sub tropical area | Abundant | Abundant | own use | stem/fruit   | nil |  | Generally held by community |
| Tree | retha      | <i>Sapindus mukorossii</i>  |  | sub tropical area | Rare     | Rare     | own use | fruit        | nil |  | Generally held by community |
| Tree | neem       | <i>Azadirecta indica</i>    |  | sub tropical area | Rare     | Rare     | own use | leaves/bark  | nil |  | Generally held by community |
| Tree | Talli      | <i>Dalbergia sissoo</i>     |  | sub tropical area | Abundant | Abundant | own use | stem         | 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<br>(as economic, social, cultural etc.) | Status    |
| 1       | Rati          | <i>Abrus precatorius</i>        | Wild    | Social and Economic                                | Available |
| 2       | Khair         | <i>Acacia catechu</i>           | Wild    | Social and Economic                                | Available |
| 3       | Exotic acacia | <i>Acacia farnesiana</i>        | Wild    | Social and Economic                                | Available |
| 4       | Phulai or Fly | <i>Acacia modesta</i>           | Wild    | Social and Economic                                | Available |
| 5       | Kikar         | <i>Acacia nilotica</i>          | Wild    | Social and Economic                                | Available |
| 6       | Parkanda      | <i>Achyranthes aspera</i>       | Wild    | Social and Economic                                | Available |
| 7       | Bel           | <i>Aegle marmelos</i>           | Wild    | Social and Economic                                | Available |
| 8       | Nuriya        | <i>Aerva sanguinolenta</i>      | Wild    | Social and Economic                                | Available |
| 9       | Ramban        | <i>Agave americana</i>          | Wild    | Social and Economic                                | Available |
| 10      | Kala Siris    | <i>Albizia lebbeck</i>          | Wild    | Social and Economic                                | Available |
| 11      | Kramblu       | <i>Albizia odoratissima</i>     | Wild    | Social and Economic                                | Available |
| 12      | Safed siris   | <i>Albizzia procera</i>         | Wild    | Social and Economic                                | Available |
| 13      | Kuad Gandal   | <i>Aloe barbadensis</i>         | Wild    | Social and Economic                                | Available |
| 14      | Chaleri Saag  | <i>Amaranthus viridis</i>       | Wild    | Social and Economic                                | Available |
| 15      | Seski         | <i>Artemisia parviflora</i>     | Wild    | Social and Economic                                | Available |
| 16      | Kathal        | <i>Artocarpus heterophyllus</i> | Wild    | Social and Economic                                | Available |
| 17      | Nad           | <i>Arundo donax</i>             | Wild    | Social and Economic                                | Available |
| 18      | Neem          | <i>Azadirachta indica</i>       | Wild    | Social and Economic                                | Available |

|    |                 |                                  |      |                     |           |
|----|-----------------|----------------------------------|------|---------------------|-----------|
| 19 | Bamboo          | <i>Bambusa bambos</i>            | Wild | Social and Economic | Available |
| 20 | Bamboo          | <i>Bambusa nutans</i>            | Wild | Social and Economic | Available |
| 21 | Kachnar         | <i>Bauhinia purpurea</i>         | Wild | Social and Economic | Available |
| 22 | Baloonger       | <i>Bauhinia vahlii</i>           | Wild | Social and Economic | Available |
| 23 | Kachnar         | <i>Bauhinia variegata</i>        | Wild | Social and Economic | Available |
| 24 | Simbal          | <i>Bombax ceiba</i>              | Wild | Social and Economic | Available |
| 25 | Jungli toot     | <i>Broussonetia papyrifera</i>   | Wild | Social and Economic | Available |
| 26 | Plaah           | <i>Butea monosperma</i>          | Wild | Social and Economic | Available |
| 27 | Bhang           | <i>Cannabis sativa</i>           | Wild | Social and Economic | Available |
| 28 | Chilla          | <i>Casearia tomentosa</i>        | Wild | Social and Economic | Available |
| 29 | Krangal         | <i>Cassia fistula</i>            | Wild | Social and Economic | Available |
| 30 | Mainphal        | <i>Catunaregum spinosa</i>       | Wild | Social and Economic | Available |
| 31 | Aajan Grass     | <i>Cenchrus ciliaris</i>         | Wild | Social and Economic | Available |
| 32 | Brahmi buti     | <i>Centella asiatica</i>         | Wild | Social and Economic | Available |
| 33 | Karun           | <i>Chenopodium murale</i>        | Wild | Social and Economic | Available |
| 34 | Khas Khas       | <i>Chrysopogon zizanioides</i>   | Wild | Social and Economic | Available |
| 35 | Kapoor          | <i>Cinnamomum camphora</i>       | Wild | Social and Economic | Available |
| 36 | Bhus            | <i>Cirsium arvense</i>           | Wild | Social and Economic | Available |
| 37 | Sanali or Dussa | <i>Colebrookea oppositifolia</i> | Wild | Social and Economic | Available |
| 38 | Barna           | <i>Crateva religiosa</i>         | Wild | Social and Economic | Available |
| 39 | Amar Bel        | <i>Cuscuta reflexa</i>           | Wild | Social and Economic | Available |
| 40 | Shudri          | <i>Cynoglossum lanceolatum</i>   | Wild | Social and Economic | Available |
| 41 | Deela           | <i>Cyperus rotundus</i>          | Wild | Social and Economic | Available |
| 42 | Tali            | <i>Dalbergia sissoo</i>          | Wild | Social and Economic | Available |

|    |               |                                 |      |                     |           |
|----|---------------|---------------------------------|------|---------------------|-----------|
| 43 | Dhatura       | <i>Datura stramonium</i>        | Wild | Social and Economic | Available |
| 44 | Baans         | <i>Dendrocalamus strictus</i>   | Wild | Social and Economic | Available |
| 45 | Palain        | <i>Dichanthium annulatum</i>    | Wild | Social and Economic | Available |
| 46 | Kalu grass    | <i>Dicliptera bupleuroides</i>  | Wild | Social and Economic | Available |
| 47 | Sadhun        | <i>Dioscorea melanophyma</i>    | Wild | Social and Economic | Available |
| 48 | Santha        | <i>Dodonaea viscosa</i>         | Wild | Social and Economic | Available |
| 49 | Duranta       | <i>Duranta erecta</i>           | Wild | Social and Economic | Available |
| 50 | Chamror       | <i>Ehretia acuminata</i>        | Wild | Social and Economic | Available |
| 51 | Chamror       | <i>Ehretia laevis</i>           | Wild | Social and Economic | Available |
| 52 | Dhol Dhak     | <i>Erythrina suberosa</i>       | Wild | Social and Economic | Available |
| 53 | Pangara       | <i>Erythrina variegata</i>      | Wild | Social and Economic | Available |
| 54 | Safeda        | <i>Eucalyptus camaldulensis</i> | Wild | Social and Economic | Available |
| 55 | Hybrid safeda | <i>Eucalyptus tereticornis</i>  | Wild | Social and Economic | Available |
| 56 | Bubbeain      | <i>Eulaliopsis binata</i>       | Wild | Social and Economic | Available |
| 57 | Thor          | <i>Euphorbia royleana</i>       | Wild | Social and Economic | Available |
| 58 | Trimbal       | <i>Ficus auriculata</i>         | Wild | Social and Economic | Available |
| 59 | Bohr          | <i>Ficus benghalensis</i>       | Wild | Social and Economic | Available |
| 60 | Fagora        | <i>Ficus palmata</i>            | Wild | Social and Economic | Available |
| 61 | Rumble        | <i>Ficus racemosa</i>           | Wild | Social and Economic | Available |
| 62 | Badh or Pipal | <i>Ficus religiosa</i>          | Wild | Social and Economic | Available |
| 63 | Kakoa         | <i>Flacourtia indica</i>        | Wild | Social and Economic | Available |
| 64 | Kanphuta      | <i>Flemingia chappar</i>        | Wild | Social and Economic | Available |
| 65 | Bhattani      | <i>Gomphrena celosoides</i>     | Wild | Social and Economic | Available |
| 66 | Dhaman        | <i>Grewia optiva</i>            | Wild | Social and Economic | Available |

|    |                        |                                   |      |                     |           |
|----|------------------------|-----------------------------------|------|---------------------|-----------|
| 67 | Lamb grass             | <i>Heteropogon contortus</i>      | Wild | Social and Economic | Available |
| 68 | Aakh                   | <i>Ipomoea carnea</i>             | Wild | Social and Economic | Available |
| 69 | Kharpoway              | <i>Ipomoea purpurea</i>           | Wild | Social and Economic | Available |
| 70 | Chameli                | <i>Jasminum officinale</i>        | Wild | Social and Economic | Available |
| 71 | Ratanjot               | <i>Jatropha curcas</i>            | Wild | Social and Economic | Available |
| 72 | Brenker                | <i>Justicia adhatoda</i>          | Wild | Social and Economic | Available |
| 73 | Kemba                  | <i>Lannea coromandelica</i>       | Wild | Social and Economic | Available |
| 74 | Panjphuli              | <i>Lantana camara</i>             | Wild | Social and Economic | Available |
| 75 | Mithu grass            | <i>Lathyrus sativus</i>           | Wild | Social and Economic | Available |
| 76 | Kamila                 | <i>Mallotus philippensis</i>      | Wild | Social and Economic | Available |
| 77 | Baryar                 | <i>Malvastrum coromandelianum</i> | Wild | Social and Economic | Available |
| 78 | Aam                    | <i>Mangifera indica</i>           | Wild | Social and Economic | Available |
| 79 | Drehnk                 | <i>Melia azedarach</i>            | Wild | Social and Economic | Available |
| 80 | Kaam                   | <i>Mitragyna parvifolia</i>       | Wild | Social and Economic | Available |
| 81 | Toot                   | <i>Morus alba</i>                 | Wild | Social and Economic | Available |
| 82 | Drenkeri               | <i>Murraya koenigii</i>           | Wild | Social and Economic | Available |
| 83 | Gandila                | <i>Nerium oleander</i>            | Wild | Social and Economic | Available |
| 84 | Kua                    | <i>Olea europaea</i> subsp.       | Wild | Social and Economic | Available |
| 85 |                        | <i>cuspidata</i>                  | Wild | Social and Economic | Available |
| 86 | Chhitter               | <i>Opuntia elatior</i>            | Wild | Social and Economic | Available |
| 87 | Tetar                  | <i>Oroxylum indicum</i>           | Wild | Social and Economic | Available |
| 88 | Congress Grass or Jari | <i>Parthenium hysterophorus</i>   | Wild | Social and Economic | Available |
| 89 | Deena nath grass       | <i>Pennisetum pedicellatum</i>    | Wild | Social and Economic | Available |
| 90 | Napier grass           | <i>Pennisetum purpureum</i>       | Wild | Social and Economic | Available |



|     |                 |                             |      |                     |           |
|-----|-----------------|-----------------------------|------|---------------------|-----------|
| 91  | Khajoor         | <i>Phoenix sylvestris</i>   | Wild | Social and Economic | Available |
| 92  | Amla            | <i>Phyllanthus emblica</i>  | Wild | Social and Economic | Available |
| 93  | Chir            | <i>Pinus roxburghii</i>     | Wild | Social and Economic | Available |
| 94  | Daduni          | <i>Punica granatum</i>      | Wild | Social and Economic | Available |
| 95  | Jojra           | <i>Pupalia lappacea</i>     | Wild | Social and Economic | Available |
| 96  | Basant panchami | <i>Reinwardtia indica</i>   | Wild | Social and Economic | Available |
| 97  | Arnid           | <i>Ricinus communis</i>     | Wild | Social and Economic | Available |
| 98  | Junglee Palak   | <i>Rumex hastatus</i>       | Wild | Social and Economic | Available |
| 99  | Khar            | <i>Saccharum bengalense</i> | Wild | Social and Economic | Available |
| 100 | Kai             | <i>Saccharum spontaneum</i> | Wild | Social and Economic | Available |
| 101 | Reetha          | <i>Sapindus mukorossi</i>   | Wild | Social and Economic | Available |
| 102 | Bari kasondi    | <i>Senna occidentalis</i>   | Wild | Social and Economic | Available |
| 103 | Kassod          | <i>Senna siamea</i>         | Wild | Social and Economic | Available |
| 104 | Cassia          | <i>Senna sulfurea</i>       | Wild | Social and Economic | Available |
| 105 | Panwar          | <i>Senna tora</i>           | Wild | Social and Economic | Available |
| 106 | Kezun grass     | <i>Setaria sphacelata</i>   | Wild | Social and Economic | Available |
| 107 | Kayan Kothi     | <i>Solanum americanum</i>   | Wild | Social and Economic | Available |
| 108 | Ban tamakoo     | <i>Solanum erianthum</i>    | Wild | Social and Economic | Available |
| 109 | Jamun           | <i>Syzygium cumini</i>      | Wild | Social and Economic | Available |
| 110 | Imli            | <i>Tamarindus indica</i>    | Wild | Social and Economic | Available |
| 111 | Phul dudi       | <i>Tarxacum campylodes</i>  | Wild | Social and Economic | Available |
| 112 | Arjun           | <i>Terminalia arjuna</i>    | Wild | Social and Economic | Available |
| 113 | Bahera          | <i>Terminalia bellirica</i> | Wild | Social and Economic | Available |
| 114 | Harar           | <i>Terminalia chebula</i>   | Wild | Social and Economic | Available |

|     |          |                              |      |                     |           |
|-----|----------|------------------------------|------|---------------------|-----------|
| 115 | Giloe    | <i>Tinospora sinensis</i>    | Wild | Social and Economic | Available |
| 116 | Tunu     | <i>Toona ciliata</i>         | Wild | Social and Economic | Available |
| 117 | Jiyo     | <i>Trema orientalis</i>      | Wild | Social and Economic | Available |
| 118 | Pakhra   | <i>Tribulus terrestris</i>   | Wild | Social and Economic | Available |
| 119 | Kayalu   | <i>Tulipa chusiana</i>       | Wild | Social and Economic | Available |
| 120 | Bachita  | <i>Urena lobata</i>          | Wild | Social and Economic | Available |
| 121 | Bana     | <i>Vitex negundo</i>         | Wild | Social and Economic | Available |
| 122 | Pansar   | <i>Wendlandia exserta</i>    | Wild | Social and Economic | Available |
| 123 | Dhain    | <i>Woodfordia floribunda</i> | Wild | Social and Economic | Available |
| 124 | Dhain    | <i>Woodfordia fruticosa</i>  | Wild | Social and Economic | Available |
| 125 | Dudhi    | <i>Wrightia arborea</i>      | Wild | Social and Economic | Available |
| 126 | Jojera   | <i>Xanthium strumarium</i>   | Wild | Social and Economic | Available |
| 127 | Timbru   | <i>Zanthoxylum armatum</i>   | Wild | Social and Economic | Available |
| 128 | Ber      | <i>Ziziphus jujuba</i>       | Wild | Social and Economic | Available |
| 129 | Cribul   |                              | Wild | Social and Economic | Available |
| 130 | Kurri    |                              | Wild | Social and Economic | Available |
| 131 | Narsino  |                              | Wild | Social and Economic | Available |
| 132 | Pandal   |                              | Wild | Social and Economic | Available |
| 133 | Rala     |                              | Wild | Social and Economic | Available |
| 134 | Tai      |                              | Wild | Social and Economic | Available |
| 135 | Salag    |                              | Wild | Social and Economic | Available |
| 136 | Karmroo  |                              | Wild | Social and Economic | Available |
| 137 | Khro     |                              | Wild | Social and Economic | Available |
| 138 | Gagerada |                              | Wild | Social and Economic | Available |

|     |               |  |      |                     |           |
|-----|---------------|--|------|---------------------|-----------|
| 139 | Tottery       |  | Wild | Social and Economic | Available |
| 140 | kamkam        |  | Wild | Social and Economic | Available |
| 141 | kangi         |  | Wild | Social and Economic | Available |
| 142 | kenye/kenyo   |  | Wild | Social and Economic | Available |
| 143 | lanyan        |  | Wild | Social and Economic | Available |
| 144 | Karkai/katkai |  | Wild | Social and Economic | Available |
| 145 | Gamai         |  | Wild | Social and Economic | Available |
| 146 | Kalam/kalen   |  | Wild | Social and Economic | Available |
| 147 | Karmanglu     |  | Wild | Social and Economic | Available |
| 148 | Tanda         |  | Wild | Social and Economic | Available |
| 149 | no name       |  | Wild | Social and Economic | Available |
| 150 | mankarahan    |  | Wild | Social and Economic | Available |
| 151 | Amity         |  | Wild | Social and Economic | Available |
| 152 | Banhadma      |  | Wild | Social and Economic | Available |
| 153 | Gangara       |  | Wild | Social and Economic | Available |
| 154 | Kavita        |  | Wild | Social and Economic | Available |
| 155 | Balugar       |  | Wild | Social and Economic | Available |
| 156 | Chuindi       |  | Wild | Social and Economic | Available |
| 157 | Doss/sanan    |  | Wild | Social and Economic | Available |
| 158 | Khini         |  | Wild | Social and Economic | Available |
| 159 | Kral          |  | Wild | Social and Economic | Available |
| 160 | Lana          |  | Wild | Social and Economic | Available |
| 161 | Dhaman        |  | Wild | Social and Economic | Available |
| 162 | Charmod       |  | Wild | Social and Economic | Available |

|     |             |  |      |                     |           |
|-----|-------------|--|------|---------------------|-----------|
| 163 | Badh        |  | Wild | Social and Economic | Available |
| 164 | Behra       |  | Wild | Social and Economic | Available |
| 165 | Bilan       |  | Wild | Social and Economic | Available |
| 166 | Gandila     |  | Wild | Social and Economic | Available |
| 167 | Gulmorh     |  | Wild | Social and Economic | Available |
| 168 | Oanni       |  | Wild | Social and Economic | Available |
| 169 | Rumble      |  | Wild | Social and Economic | Available |
| 170 | Draink      |  | Wild | Social and Economic | Available |
| 171 | Harad       |  | Wild | Social and Economic | Available |
| 172 | Amb         |  | Wild | Social and Economic | Available |
| 173 | Soyanjana   |  | Wild | Social and Economic | Available |
| 174 | Tunnu       |  | Wild | Social and Economic | Available |
| 175 | Neem        |  | Wild | Social and Economic | Available |
| 176 | Plakh       |  | Wild | Social and Economic | Available |
| 177 | Rehn        |  | Wild | Social and Economic | Available |
| 178 | chamar sama |  | Wild | Social and Economic | Available |
| 179 | lasura      |  | Wild | Social and Economic | Available |
| 180 | kassod      |  | Wild | Social and Economic | Available |
| 181 | tantary     |  | Wild | Social and Economic | Available |
| 182 | BRANKED     |  | Wild | Social and Economic | Available |
| 183 | KHAR        |  | Wild | Social and Economic | Available |
| 184 | Sagwan      |  | Wild | Social and Economic | Available |
| 185 | Imli        |  | Wild | Social and Economic | Available |





### 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                      | Khair         | <i>Acacia catechu</i>       | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Tree                      | Phulai or Fly | <i>Acacia modesta</i>       | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Tree                      | Kikar         | <i>Acacia nilotica</i>      | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Tree                      | Parkanda      | <i>Achyranthes aspera</i>   | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Tree                      | Bel           | <i>Aegle marmelos</i>       | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Tree                      | Kramblu       | <i>Albizia odoratissima</i> | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Tree                      | Neem          | <i>Azadirachta indica</i>   | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Tree                      | Simbal        | <i>Bombax ceiba</i>         | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Shrubs                    | Bhang         | <i>Cannabis sativa</i>      | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Shrubs                    | Garna         | <i>Carissa spinarum</i>     | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Tree                      | Krangal       | <i>Cassia fistula</i>       | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |
| Herbs                     | Brahmi buti   | <i>Centella asiatica</i>    | Wild    | Sub-tropical        | Available    | Available |               |              |           |                               |                             |

|        |           |                                |      |              |           |           |  |  |  |  |  |
|--------|-----------|--------------------------------|------|--------------|-----------|-----------|--|--|--|--|--|
| Herbs  | Khas Khas | <i>Chrysopogon zizanioides</i> | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Kapoor    | <i>Cinnamomum camphora</i>     | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Fagora    | <i>Ficus palmata</i>           | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Rumble    | <i>Ficus racemosa</i>          | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Toot      | <i>Morus alba</i>              | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Shrubs | Drenkeri  | <i>Murraya koenigii</i>        | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Khajoor   | <i>Phoenix sylvestris</i>      | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Amla      | <i>Phyllanthus emblica</i>     | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Reetha    | <i>Sapindus mukorossi</i>      | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Jamun     | <i>Syzygium cumini</i>         | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Imli      | <i>Tamarindus indica</i>       | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Arjun     | <i>Terminalia arjuna</i>       | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Bahera    | <i>Terminalia bellirica</i>    | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Tree   | Harar     | <i>Terminalia chebula</i>      | Wild | Sub-tropical | Available | Available |  |  |  |  |  |
| Herbs  | Giloe     | <i>Tinospora sinensis</i>      | Wild | Sub-tropical | Available | Available |  |  |  |  |  |





**Format 24: Ornamental Plants**

| 1              | 2                        | 3       | 4                | 5                                | 6             | 7                | 8                           |
|----------------|--------------------------|---------|------------------|----------------------------------|---------------|------------------|-----------------------------|
| Local Name     | Scientific Name          | Variety | Habitat          | Commercial / Non-commercial Uses | Associated TK | Any other Detail | Community/ Knowledge Holder |
| Kachnar        | <i>Bauhinia purpurea</i> | Wild    | Forest/ Roadside | Both                             |               |                  |                             |
| Gulmohar       | <i>Delonix regia</i>     | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Plah           |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Amaltas        |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Raat Ki Rani   |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Bougan Villa   |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Acacia Galaka  |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Wild Rose      |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Gandilla       |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Simble         |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Thub / Dudhruk | <i>Erythrina spp.</i>    | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Siris          |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |
| Kadam          |                          | Wild    | Forest/ Roadside | Non-commercial                   |               |                  |                             |





**Format 26: Timber Plants**

| 1          | 2                       | 3              | 4            |          | 5                  | 6             | 7             | 8                            |
|------------|-------------------------|----------------|--------------|----------|--------------------|---------------|---------------|------------------------------|
| Local Name | Scientific Name         | Habitat        | Local Status |          | Other Uses, if any | Associated TK | Other Details | Community/ Knowledge Holder  |
|            |                         |                | Past         | Present  |                    |               |               |                              |
| Kiker      | <i>Acacia Nilotica</i>  | Lower shiwalik | Rare         | Rare     | Datun              | nil           | Nil           | Generally, held by community |
| Mangoo     | <i>Mangifera Indica</i> | Lower shiwalik | Abundant     | Abundant | fruit              | nil           | Nil           | Generally, held by community |
| Safeda     | <i>Eucalyptus spp.</i>  | Lower shiwalik | Rare         | Abundant | furniture          | nil           | Nil           | Generally, held by community |
| Sree       | <i>Albizzia lebbeck</i> | Lower shiwalik | Abundant     | Abundant |                    | nil           | Nil           | Generally, held by community |
| Talli      | <i>Dalbergia sissoo</i> | Lower shiwalik | Abundant     | Abundant | furniture          | nil           | Nil           | Generally, held by community |
| Tuni       | <i>Toona ciliata</i>    | Lower shiwalik | Abundant     | Abundant |                    | nil           | Nil           | Generally, held by community |
| Popular    | <i>Populus ciliata</i>  | Lower shiwalik | Rare         | Abundant |                    | nil           | Nil           | Generally, held by community |
| Jammun     | <i>Syzygium cumini</i>  | Lower shiwalik | Rare         | Abundant | fruit/             | nil           | Nil           | Generally, held by community |





**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 |               |               |                                      |               |                             |
| Rabbit      | khargosh   |                 | Forest area | -           | All              | -            | -       | -             | -             | -                                    | -             | -                           |
| Crow        | kaa        |                 | tree        | -           | All              | -            | -       | -             | -             | -                                    | -             | -                           |
| Pigeon      | kabotar    |                 | tree        | -           | All              | -            | -       | -             | -             | -                                    | -             | -                           |
| Peacock     | mor        |                 | tree        | -           | All              | -            | -       | -             | -             | -                                    | -             | -                           |
| Monkey      | bander     |                 | tree        | -           | All              | -            | -       | -             | -             | -                                    | -             | -                           |
| snakes      | sap        |                 | Forest area | -           | raining          | -            | -       | -             | -             | -                                    | -             | -                           |
| Lizard      | Kirli      |                 | Forest area | -           | All              | -            | -       | -             | -             | -                                    | -             | -                           |
| Mongoose    | neol       |                 | Forest area | -           | All              | -            | -       | -             | -             | -                                    | -             | -                           |



**Format 29 : Flora**

| 1       | 2          | 3                       | 4              | 5            | 6                | 7                            |
|---------|------------|-------------------------|----------------|--------------|------------------|------------------------------|
| Sr. No. | Local Name | Scientific Name         | Type of Plants | Habitat      | Flowering Season | Remarks (Rare / Common etc.) |
| 1       | kikar      | <i>Acacia Nilotica</i>  | Broad leave    | sub tropical | summer           | Common                       |
| 2       | Mangoo     | <i>Mangifera Indica</i> | Broad leave    | sub tropical | summer           | Common                       |
| 3       | Safeda     | <i>Eucalyptus spp.</i>  | Broad leave    | sub tropical | summer           | Common                       |
| 4       | Sree       | <i>Albizzia lebbeck</i> | Broad leave    | sub tropical | summer           | Common                       |
| 5       | Talli      | <i>Dalbergia sissoo</i> | Broad leave    | sub tropical | summer           | Common                       |
| 6       | Popular    | <i>Populus ciliata</i>  | Broad leave    | sub tropical | summer           | Common                       |
| 7       | Jammun     | <i>Syzigium cummni</i>  | Broad leave    | sub tropical | summer           | Common                       |

**Format 30: Fauna**

| 1       | 2            | 3               | 4                                                         | 5           | 6                            |
|---------|--------------|-----------------|-----------------------------------------------------------|-------------|------------------------------|
| Sr. No. | Local Name   | Scientific Name | Type of Animals (Mammals /<br>Birds / Fish / Insect etc.) | Habitat     | Remarks (Rare / Common etc.) |
| 1       | Cow          |                 | Mammels                                                   | Terrestrial | Common                       |
| 2       | Buffalow     |                 | Mammels                                                   | Terrestrial | Common                       |
| 3       | Sheep        |                 | Mammels                                                   | Terrestrial | Common                       |
| 4       | Goat         |                 | Mammels                                                   | Terrestrial | Common                       |
| 5       | Sparow       |                 | Birds                                                     | Terrestrial | Common                       |
| 6       | Crow         |                 | Birds                                                     | Terrestrial | Common                       |
| 7       | Parrot       |                 | Birds                                                     | Terrestrial | Common                       |
| 8       | Peacock      |                 | Birds                                                     | Terrestrial | Rare                         |
| 9       | Ant          |                 | insects                                                   | Terrestrial | Common                       |
| 10      | Bee          |                 | insects                                                   | Terrestrial | Common                       |
| 11      | Butterfly    |                 | insects                                                   | Terrestrial | Common                       |
| 12      | Mosquto      |                 | insects                                                   | Terrestrial | Common                       |
| 13      | Cater pillar |                 | Aquatic Animals                                           | Terrestrial | Common                       |
| 14      | Fish         |                 | Aquatic Animals                                           | Aquatic     | Common                       |
| 15      | Frog         |                 | Aquatic Animals                                           | Aquatic     | Common                       |
| 16      | Torotise     |                 | Aquatic Animals                                           | Aquatic     | Common                       |

**Format 31: Any other information of local importance**

| <b>1</b>       | <b>2</b>                               | <b>3</b>       |
|----------------|----------------------------------------|----------------|
| <b>Sr. No.</b> | <b>Information of local importance</b> | <b>Remarks</b> |
|                | Nil                                    |                |