## People Biodiversity Register (PBR): General Details

| Name of the Panchayat Samiti : Treru Upper"A"  |
|--|
| Taluk: Moughla   |
| District: Rajouri  |
| State: Jammu And Kashmir   |
| Geographical Area of the Panchayat Samiti: 4.09  |
| Population under the Panchayat Samiti: Total 3395  |
| Male: 1755 Female: 1640 Total: 3395  |
| Habitat and Topography: Hilly  |
| Climate (Rainfall, Temperature and weather patterns) Rainfall  |
| Land Use (Nine fold classification available with village records)   |
| Date, Month and Year of PBR Preparation 2020-21  |
| Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community<br>Owned and Managed Forest(COM) |

#### Annexure 1

# Details of Biodiversity Management Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to be women and not less than 18% belonging to SC/ST) 1)Name of the Chairperson: Shamim Akhter Age:26 Yrs Gender : Female Address:Treru Upper"A" Area of specialization: 2) Name: Kirna Devi Age:40 Gender:F/male Address:Treru Upper"A" Area of specialization: 3)Name:Naseem Akhter Age:26 Gender:Female Address:Treru Upper"A" Area of specialization: 4)Name: Abdul Aziz Age:55 Gender:Male Address:Treru Upper"A" Area of specialization: 5)Name:Bhagat Singh Age:40 Gender:Male Address:Treru Upper"A"

| Area            | of specialization:    |
|-----------------|-----------------------|
| 6)Name: Abdul G | afoor                 |
| Age:            | .60                   |
| Genc            | der:Male              |
| Addı            | ress:Treru Upper"A"   |
| Area            | of specialization:    |
| 7)Name:Mohd Ay  | oub                   |
| Age:            | .50                   |
| Genc            | der:Male              |
| Addı            | ress: Treru Upper "A" |
| Area            | of specialization:    |

### Annexure-2

| List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village |
|---|
| 1) Name : Nil   |
| 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: Nil  |
| 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:Nil   |
| 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,<br>fisheries, and foresty |
|--|
| 1) Name of the Chairperson: Mohd Aslam   |
| Age:52   |
| Gender:Male  |
| Address: Bandi gala  |
| Area of specialization: Agricultre   |
| 2) Name of the Chairperson: Pritam Singh   |
| Age:60   |
| Gender:Male  |
| Address: Daggal  |
| Area of specialization: Agricultre   |
| 3) Name of the Chairperson: Mustfa Kamal   |
| Age:34   |
| Gender:Male  |
| Address:Manwa  |
| Area of specialization:Agricultre  |
| 4) Name of the Chairperson: Manzoor Hussain  |
| Age:48   |
| Gender:Male  |
| Address: Bandi gala  |
| Area of specialization: Agricultre   |

### Annexure 4

|    | tails of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals<br>olved in the preparation of the PBR |
|----|--|
| 1) | Contact Person: Mohd Azam tr   |
|    | Name and Address:H/s Samrolla  |
| 2) | Contact Person: Mohd Iqbal tr  |
|    | Name and Address: PS Akhari  |
| 3) | Contact Person: Anwer Hussain Tr   |
|    | Name and Address: PS Bandi Gala  |
| 4) | Contact Person: Pawan Kumar  |
|    | Name and Address: P/s Akhari   |
| Yo | u may add names of more institutions/NGO/Individuals etc, if necessary   |

|        | Annexure 5   |  |   |                                  |   |  |  |  |  |  |  |  |  |
|--------|--|--|---|----------------------------------|---|--|--|--|--|--|--|--|--|
| Detail | Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing |  |   |                                  |   |  |  |  |  |  |  |  |  |
| S.No   | Name and address of the<br>Person/Institute/company others   | Local and Scientific Name of the<br>biological material Accessed and<br>quantity | Date and resolution of the BMC<br>and endorsement by the<br>Panchayat | Detail of collection fee imposed | Anticipated mode of sharing benefits or quantum of<br>benefits shared |  |  |  |  |  |  |  |  |
|        |  |  |   |                                  |   |  |  |  |  |  |  |  |  |
|        |  |  |   |                                  |   |  |  |  |  |  |  |  |  |
|        |  |  |   |                                  |   |  |  |  |  |  |  |  |  |
|        |  |  |   |                                  |   |  |  |  |  |  |  |  |  |
|        |  |  |   |                                  |   |  |  |  |  |  |  |  |  |

End of Part I

| 1    | 2   | 3     | 4       | 5               | 6          |              | 7       | 8   | 9        | 10                          | 11            | 12                                       | 13           | 14                            |
|------|---|-------|---------|-----------------|------------|--------------|---------|---|----------|-----------------------------|---------------|--|--------------|-------------------------------|
| Crop | Scientific Lo   | Local | Variety | Landscape       | Approx.    | Local Status |         | Special   | Cropping | Uses                        | Associated TV | Other details                            | Source of    | Community/<br>Knowledge       |
| Стор | Name  | Name  |         | / Habitat       | area shown | Past         | Present | features  | season   | 0.505                       | Associated TK | Other details                            | Seeds/Plants | Holder                        |
| Rice | Oryza sativa  |       | Veliyan | Lowland valleys |            | Plenty       | Rare    | Tall variety<br>High yield<br>Resistant to<br>drought, flood,<br>pest<br>& diseases |          | Food Fodder<br>Roofing Fuel |               | Suitable for<br>"Valicha"<br>cultivation |              | Kurichiya Kuruma<br>W. Chetty |
|      | The format 1 could be used for documenting information about Millets, Cereals, Oil seeds, Commercial crops, Tuber crops, Vegetables, Legumes, Aromatic crops etc. The column No. 9 'other details' vary with the nature of crops. For measuring local status, there need to identify a particular year – significant changes in ecology occurred – and compare the status as past and present (past = before the particular incident). We have to list out all possible features of a crop/plant and give short forms of the same. If relevant, cultivation practices, propagation techniques, usage etc can be included in the column 8, in associated TK. |       |         |                 |            |              |         |   |          |                             |               |  |              |                               |

## Format 1: Crop Plants

#### 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                          | Season of Fruiting | Associated TK | Uses                             | Other details<br>market / | Community /      |
| 1 lant        | Scientific Ivanie             | Local Name   | variety   | Lanuscape / Habitat    | Past   | Present | Seeds/Plants                       | Season of Fruiting | Associated TK | 0363                             | own use                   | Knowledge holder |
| Citrus fruits | Citrus spp.                   | Khatti, Galgal,<br>Nimbu, Santra,<br>Kinnow, Mosambi<br>etc. | Local selection,<br>Kagzi Lime, Italian<br>Lime, Hill Lemon<br>etc. | subtropical, mid hills | Plenty | Plenty  | Nurseries                          | through out year   |               | Fruit,Pickling,<br>Squashes etc. | Maketing , own use        |                  |
| Guava         | Psidium guajava               | Amrood   | Local, L-49,<br>Allahabadi Safeda<br>etc.                           | subtropical            | plenty | plenty  | Nurseries                          | July-August        |               | Fruit                            | Maketing , own use        |                  |
| Grapes        | Vitis vinifera                | Angoor   | Local Dakh, Perlette,   | subtropical,Mid hills  | rare   | rare    | Nurseries                          | July-August        |               | Fruit                            |                           |                  |
| Pomegranate   | Punica granatum               | Anar, Druni  | Ganesh, Kandhari,<br>Local  | subtropical, mid hills | rare   | rare    | Nurseries, locally<br>raised, wild | May-August         |               | Fruit, anardana                  | own use                   |                  |
| Apple         | Malus domestica               | Sabe   | Red Delcious, Golden<br>Delocious, Maharaji,<br>American etc.       | Temperate              | rare   | plenty  | Nurseries                          | Aug- Oct.          |               | fruit, value addition            | Maketing , own use        |                  |
| Pear          | Pyrus spp.                    | Nakh   | Patharnakh, China<br>pear   | Mid hill               | plenty | plenty  | Nurseries                          | Aug-Sept           |               | Fruit                            | own use                   |                  |
| Peach         | Prunus persica(L.)<br>Batsch. | Aaroo  | July Elberta, Quetta  | mid hill               | rare   | rare    | Nurseries                          | June-July          |               | Fruit                            | Maketing , own use        |                  |
| Apricot       | Prunus armeniaca              | Khubani, Sadi  | local apricot, Bebco  | Mid hills              | plenty | plenty  | Nurseries                          | June-July          |               | Fruit                            | own use                   |                  |
| Walnut        | Juglans regia                 | Akrote   | Burzal, Kagzi, hard<br>shelled                                      | Temperate              | plenty | plenty  | Nurseries, locally<br>raised       | sept-Oct           |               | Dry fruit                        | Maketing , own use        |                  |
| Pecan         | Carya illinoenis              | Pecan  | western shelley   | Mid hills /Temperate   | rare   | rare    | Nurseries                          | Sept-Oct           |               | Dry Fruit                        | Marketing                 |                  |
| Plum          | Prunus salicinia              | Aaloo Bukhara  | santa rosa,<br>Allubukhara  | Mid Hills              | Rare   | Rare    | Nurseries, locally<br>raised       | July-August        |               | fruit                            | Maketing , own use        |                  |

### Format 3: Fodder Crops / Species

| 1     | 2          | 3                         | 4                   | 5            |         | 6                        | 7                | 8                              | 9             | 10                    |
|-------|------------|---------------------------|---------------------|--------------|---------|--------------------------|------------------|--------------------------------|---------------|-----------------------|
| Plant | Scientific | Local                     | Landscape / Habitat | Local Sta    | atus    | Source of Plants / Seeds | Associated       | Part                           | Other details | Community / Knowledge |
| гаш   | Name       | Name                      | Lanuscape / Habitat | Past         | Present | Source of Flants / Seeds | ТК               | Used                           | Other details | holder                |
| 1     | Oats       | Avena sativa              | Javi                | Sub tropical | Rare    | Rare                     | Agri Dept /Local | Nutritious & palatable fodder, | Whole plant   |                       |
| 2     | Sorghum    | Sorghum spp.              | Charry/ Jawar       | sub tropical | Rare    | Plenty                   | Agri Dept /Local | Source of energy               | Whole plant   |                       |
| 3     | Barseem    | Trifolium<br>alexandrinum | Shatala             | sub tropical | Rare    | Rare                     | Agri Dept /Local | Nutritious & palatable fodder  | Whole plant   |                       |
| 4     | Chilli     | Capsicum annuum           | Mirch               | sub tropical | Rare    | Rare                     | Agri Dept /Local | Viilage Head                   | Dry fruit     |                       |
| 5     | Ginger     | Pennisetum glaucum        | Adrak               | sub tropical | Rare    | Rare                     | Agri Dept /Local | Medicinal value                | Rhizome       |                       |
| 6     | Garlic     | Zea mays                  | Thom                | sub tropical | Rare    | Rare                     | Agri Dept /Local | Medicinal value                | Clove         |                       |
|       |            |                           |                     |              |         |                          |                  |                                |               |                       |
|       |            |                           |                     |              |         |                          |                  |                                |               |                       |
|       |            |                           |                     |              |         |                          |                  |                                |               |                       |

Other details include fodder for which animal, special features, medicinal uses if any, seasons of availability, propagation methods, collecting from wild or cultivated etc.

#### Format 4: Weeds

| 1     | 2               | 3             | 4             | 5      | 6                   |      | 7         | 8           | 9                  | 10            | 11                           | 12                              |
|-------|-----------------|---------------|---------------|--------|---------------------|------|-----------|-------------|--------------------|---------------|------------------------------|---------------------------------|
|       |                 |               |               |        |                     | Loc  | al Status |             |                    |               |                              |                                 |
| Plant | Scientific Name | Local<br>Name | Affected crop | Impact | Landscape / Habitat | Past | Present   | Uses if any | Management options | Associated TK | Other details<br>like exotic | Community / Knowledge<br>holder |
|       |                 |               |               |        |                     |      |           |             |                    |               |                              |                                 |
|       |                 |               |               |        |                     |      |           |             |                    |               |                              |                                 |
|       |                 |               |               |        |                     |      |           |             |                    |               |                              |                                 |
|       |                 |               |               |        |                     |      |           |             |                    |               |                              |                                 |
|       |                 |               |               |        |                     |      |           |             |                    |               |                              |                                 |
|       |                 |               |               |        |                     |      |           |             |                    |               |                              |                                 |
|       |                 |               |               |        |                     |      |           |             |                    |               |                              |                                 |

Other details may include how long the weeds have been suppressing/adversely affecting the crops in this locality, when it came under notice, intensity of natural multiplication etc

### Format 5: Pests of Crops

| 1    | 2               | 3               | 4          | 5       | 6                       | 7                    | 8                | 9             | 10                         |
|------|-----------------|-----------------|------------|---------|-------------------------|----------------------|------------------|---------------|----------------------------|
| Host | Insect / Animal | Scientific name | Local name | Habitat | Time / season of attack | Management mechanism | Associated<br>TK | Other details | Community knowledge holder |
|      |                 |                 |            |         |                         |                      |                  |               |                            |
|      |                 |                 |            |         |                         |                      |                  |               |                            |
|      |                 |                 |            |         |                         |                      |                  |               |                            |
|      |                 |                 |            |         |                         |                      |                  |               |                            |
|      |                 |                 |            |         |                         |                      |                  |               |                            |
|      |                 |                 |            |         |                         |                      |                  |               |                            |
|      |                 |                 |            |         |                         |                      |                  |               |                            |
|      |                 |                 |            |         |                         |                      |                  |               |                            |
|      |                 |                 |            |         |                         |                      |                  |               |                            |

Other details may include possible reasons for insects/animal attack

### Format 6: Markets for Domesticated animals

| 1                                | 2  | 3  | 4   | 5  | 6   | 7                                   | 8                       | 9              |
|----------------------------------|--|--|---|--|---|-------------------------------------|-------------------------|----------------|
| Name of the<br>market & location | Weekly (D)/ Fortnightly (D) /<br>Monthly (D) / Biannual (M) /<br>Annual (M)<br>[1] | Types of animals<br>bought and sold<br>[2] | Types and Average Number<br>of animals transacted in a<br>day | Places from which<br>animals are brought | Places to which the animals<br>are sold / transported | Name and location<br>of fish market | Types of<br>fishes sold | Source of fish |
|                                  |  |  |   |  |   |                                     |                         |                |
|                                  |  |  |   |  |   |                                     |                         |                |
|                                  |  |  |   |  |   |                                     |                         |                |
|                                  |  |  |   |  |   |                                     |                         |                |
|                                  |  |  |   |  |   |                                     |                         |                |
|                                  |  |  |   |  |   |                                     |                         |                |
|                                  |  |  |   |  |   |                                     |                         |                |

Note: [1] (D) – day; (M) – month; [2] Types of animals may include: Poultry / Sheep / Goats / Cattle / Ducks / Pigs / Donkeys / Mules / Horses / Camels / Others (Specify)

### Format 7: Peoplescape

| 1                         | 2                              | 3                  | 4  | 5  | 6  | 7  | 8               | 9                | 10                        | 11            |
|---------------------------|--------------------------------|--------------------|--|--|--|--|-----------------|------------------|---------------------------|---------------|
| Community &<br>Population | Families & Major<br>occupation | Sub- occupation    | Depending<br>Landscape                         | Major resources<br>accessed and<br>seasons of access | Landscape<br>management practices                            | Resource management<br>practices   | Cast<br>/ tribe | Social condition | Nature of<br>inhabitants  | No. of<br>HHs |
|                           |                                |                    |  |  |  |  |                 |                  |                           |               |
|                           |                                |                    |  |  |  |  |                 |                  |                           |               |
|                           |                                |                    |  |  |  |  |                 |                  |                           |               |
|                           |                                |                    |  |  |  |  |                 |                  |                           |               |
|                           |                                |                    |  |  |  |  |                 |                  |                           |               |
| Major occu                | pation may be farming          | Major<br>How the c | resources accessed co<br>community manages the | ould be agriculture reso<br>he landscapes they use   | urces of different nature, f<br>for satisfying different nee | Examples of depending la<br>ish, birds, water, mud, and<br>eds, their strategies and per<br>eir strategies and perceptio | etc             | -                | scape, rivers, forest etc | с.            |

#### Format 8: Landscape

|                       | 1                |                 | 2                | 3                                | 4          | 5             | 6                | 7              | 8                        | 9            | 10            | 11               | 12                    |
|-----------------------|------------------|-----------------|------------------|----------------------------------|------------|---------------|------------------|----------------|--------------------------|--------------|---------------|------------------|-----------------------|
| Maj                   | Major Landscapes |                 |                  |                                  |            |               |                  |                |                          |              |               |                  |                       |
| Agricultur al<br>land | Pon d            | Fallo<br>w land | Sub - Landscapes | Feature s and<br>approx.<br>area | Ownershi p | General flora | General<br>fauna | User<br>groups | Manageme nt<br>practices | General uses | Associated TK | Other<br>details | COMMUNITY<br>ACCESSED |
|                       |                  |                 |                  |                                  |            |               |                  |                |                          |              |               |                  |                       |
|                       |                  |                 |                  |                                  |            |               |                  |                |                          |              |               |                  |                       |
|                       |                  |                 |                  |                                  |            |               |                  |                |                          |              |               |                  |                       |
|                       |                  |                 |                  |                                  |            |               |                  |                |                          |              |               |                  |                       |
|                       |                  |                 |                  |                                  |            |               |                  |                |                          |              |               |                  |                       |
|                       |                  |                 |                  |                                  |            |               |                  |                |                          |              |               |                  |                       |

Provide a brief description of landscapes such as forests, plantations, cultivated land, estuary, pond, lake or other elements

### Format 9: Waterscape

| 1                          | 2   | 3                           | 4         | 5             | 6             | 7          | 8           | 9                       | 10           | 11            | 12               | 13                    |
|----------------------------|---|-----------------------------|-----------|---------------|---------------|------------|-------------|-------------------------|--------------|---------------|------------------|-----------------------|
| Waterscape<br>element type | Sub- type   | Features and<br>approx area | Ownership | General flora | General fauna | Major uses | User groups | Management<br>practices | General uses | Associated TK | Other<br>details | Community<br>accessed |
|                            |   |                             |           |               |               |            |             |                         |              |               |                  |                       |
|                            |   |                             |           |               |               |            |             |                         |              |               |                  |                       |
|                            |   |                             |           |               |               |            |             |                         |              |               |                  |                       |
|                            |   |                             |           |               |               |            |             |                         |              |               |                  |                       |
|                            | Examples: Ponds, Streams, Rivers, Lake, Canal, Tubewell, Dug well etc., |                             |           |               |               |            |             |                         |              |               |                  |                       |

## 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   | Light brown ,porous                | Water holding<br>capacity ,ancho<br>ring property |                 | Kharif and rabi crops<br>All Herbicious and woody                                    | Earthworm,bacteria,fungi,<br>algae,protozoa,nematodes,a<br>carids                            |               |                   |
| Sandy soil | Light grey color,coarse<br>texture | Highly porous<br>Low nutrients<br>holding         |                 | All herbicious plants, angiosperms<br>and gymnosperms, maize, barley,<br>wheat. amla | Bacteria,fungi,algae,protoz<br>oa, Earthworm<br>nematodes,acarids,ant,centi<br>pede,milipede |               |                   |
| Clay       | Light brown                        | capacity ,ancho<br>ring<br>propertv.xeroph        |                 | ganira,agave agave, Cactus,aloe<br>vera  | oa, Earthworm<br>nematodes,acarids,ant,centi   |               |                   |
| Rocky soil | black                              | Hard texture                                      |                 | bryophyte  | Mosses,lichens,fungi,algae   |               |                   |
|            |                                    |   |                 |  |  |               |                   |
|            |                                    |   |                 |  |  |               |                   |

#### Format 11: Fruit Trees

| 1             | 2          | 3               | 4       | 6                  |      | 7         | 8                        | 9                     | 10           | 11            | 12                                 | 13                         |
|---------------|------------|-----------------|---------|--------------------|------|-----------|--------------------------|-----------------------|--------------|---------------|------------------------------------|----------------------------|
|               |            |                 |         |                    | Loc  | al Status |                          |                       |              |               |                                    |                            |
| Plant<br>Type | Local Name | Scientific Name | Variety | Landscape/ Habitat | Past | Present   | Source of<br>plant/seeds | Season of<br>Fruiting | Uses (usage) | Associated TK | Other details<br>market/own<br>use | Community/ Know.<br>holder |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |
|               |            |                 |         |                    |      |           |                          |                       |              |               |                                    |                            |

| 1          | 2          | 3                    | 4       | 5                          | 6                     |      | 7         | 8            | 9         | 10                 | 11                                 | 12                          |
|------------|------------|----------------------|---------|----------------------------|-----------------------|------|-----------|--------------|-----------|--------------------|------------------------------------|-----------------------------|
|            |            |                      |         |                            |                       | Loc  | al status |              |           |                    |                                    |                             |
| Plant Type | Local Name | Scientific Name      | Variety | Landscape/ Habitat         | Source of plant/seeds | Past | Present   | Uses (usage) | Part used | Associated TK      | Other details<br>market/own<br>use | Community/ Know.<br>Holders |
| Tree       | Aamla      | Phyllanthus emblica  |         | Wild & agriculture<br>land | Seeds                 |      | present   |              | Fruit     |                    | Market use                         | Local peoples               |
| Tree       | Behra      | Terminalia bellirica |         | Wild & agriculture<br>land | Seeds                 |      | present   |              | Fruit     |                    | Market use                         | Local peoples               |
| Tree       | Khair      | Acacia catechu       |         | Wild & agriculture<br>land | Seeds                 |      | present   |              | Fruit     |                    | Market use                         | Local peoples               |
| Tree       | Anar       | Punica granatum      |         | Wild & agriculture<br>land | Seeds                 |      | present   |              | Fruit     |                    | Market use                         | Local peoples               |
| Tree       | Ratha      | Sapindus mukorossi   |         | Wild & agriculture<br>land | Seeds                 |      | present   |              | Fruit     |                    | Market use                         | Local peoples               |
| herb       | Aloevera   | Aloe vera            |         | Agriculture                | Plants                |      | Present   |              | Leaves    | Treat in digestion | do                                 | Local peoples               |
| Herb       | Pudina     | Mentha arvensis      |         | Agriculture                | Plants                |      | present   |              | Leaves    | Treat in digestion | do                                 | Local peoples               |
| Herb       | Tulsi      | Ocimum sanctum       |         | A original tamp            | Seeds                 |      | magant    |              | Leaves    | Improves digestion | do                                 |                             |
| Hero       | T UISI     | Ocimum sancium       |         | Agriculture                | Seeds                 |      | present   |              | Leaves    | & Aesthetic value  | 00                                 |                             |
| Shurbs     | Timbroo    | Zanthoxylum armatum  |         | Agriculture                | Seeds                 |      | present   |              | Leaves    | Treat in digestion | do                                 | Local peoples               |
| Shrubs     | Branker    | Adhatoda vasica      |         | Wild                       | Do                    |      | present   |              | Leaves    | Treat in digestion | do                                 | Local peoples               |
| Shrubs     | Garna      | Carissa opaca        |         | Wild                       | Do                    |      | present   |              | Leaves    | Treat in digestion | do                                 | Local peoples               |
|            |            |                      |         |                            |                       |      |           |              |           |                    |                                    |                             |

#### Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)

Note: Uses: Food/ Veterinary Medicine,/ Human Medicine (Sub-divisions like for children, women etc),/ Agricultural Purpose (Bio-pesticide) Other details: Propagation methods, / Harvesting period,/ Cultivated or collected from wild or both,/ Perennial/annual/seasonal

| 1          | 2          | 3               | 4       | 5                     | 6                              | 7    | 8             | 9             | 10                      |
|------------|------------|-----------------|---------|-----------------------|--------------------------------|------|---------------|---------------|-------------------------|
| Plant Type | Local Name | Scientific Name | Variety | Source of plant/seeds | Commercial/<br>non- commercial | Uses | Associated TK | Other details | Community/ Know. holder |
|            |            |                 |         |                       |                                |      |               |               |                         |
|            |            |                 |         |                       |                                |      |               |               |                         |
|            |            |                 |         |                       |                                |      |               |               |                         |
|            |            |                 |         |                       |                                |      |               |               |                         |
|            |            |                 |         |                       |                                |      |               |               |                         |
|            |            |                 |         |                       |                                |      |               |               |                         |
|            |            |                 |         |                       |                                |      |               |               |                         |
|            |            |                 |         |                       |                                |      |               |               |                         |
|            |            |                 |         |                       |                                |      |               |               |                         |
|            |            |                 |         |                       |                                |      |               |               |                         |

| 1          | 2          | 3                   | 4       |      | 5         | 6                  | 7                     | 8             | 9             | 10                      |
|------------|------------|---------------------|---------|------|-----------|--------------------|-----------------------|---------------|---------------|-------------------------|
|            |            |                     |         | Loc  | al status |                    | 0.1                   |               |               |                         |
| Plant Type | Local Name | Scientific Name     | Habitat | Past | Present   | Wild/ home- garden | Other<br>uses (multi) | Associated TK | Other details | Community/ Know. holder |
| Tree       | Chir       | Pinus roxburghii    |         |      | Present   | Wild               | Timber                |               |               | Bakerwal,locals         |
| Tree       | Tali       | Dalburgia Sissoo    |         |      | Present   | Wild               | Timber                |               |               | Locals                  |
| Tree       | Tun        | Tuna ciliate        |         |      | Present   | Wild               | Timber                |               |               | Locals                  |
| Tree       | Draink     | Melia azadarach     |         |      | Present   | Wild               | Timber                | medicinal     |               | Local natives of area   |
| Tree       | Rumbal     | Bombax ceiba        |         |      | Present   | Wild               | Timber                |               |               | Local natives of area   |
| Tree       | Safeda     | Eucalyptus spp.     |         |      | Present   | Wild               | Timber                |               |               | Local natives of area   |
| Tree       | Kamila     | Mallotus phillippus |         |      | Present   | Wild/home-garden   | Timber                |               |               | Local natives of area   |
| Tree       | Toot       | Morus alba          |         |      | Present   | Wild/home-garden   | Timber                |               |               | Local natives of area   |
| Tree       | Aam        | Mongifera indica    |         |      | Present   | Wild/home-garden   | Timber                |               |               | Local natives of area   |
|            |            |                     |         |      |           |                    |                       |               |               |                         |
|            |            |                     |         |      |           |                    |                       |               |               |                         |
|            |            |                     |         |      |           |                    |                       |               |               |                         |
|            |            |                     |         |      |           |                    |                       |               |               |                         |
|            |            |                     |         |      |           |                    |                       |               |               |                         |

### Format 14: Timber Plants / Trees

### Format 15: Domesticated Animals

| 1           | 2          | 3                | 4                | 5        | 6         |      | 7               | 8       | 9             | 10                 | 11  | 12                         |
|-------------|------------|------------------|------------------|----------|-----------|------|-----------------|---------|---------------|--------------------|---|----------------------------|
| Animal Type | Local Name | Scientific Name  | Breed<br>(local/ | Features | Method of | ]    | Local<br>status | Uses    | Associated TK | Commercial rearing | Other details including<br>products and<br>services | Community Know.<br>Holders |
|             |            |                  | hybrid)          |          | keeping   | Past | Present         |         |               |                    | services  | noiders                    |
| herbivore   | Khargosh   | Lepus negricolis | Local            |          | houses    |      | present         | eatable |               | rare               |   | NA                         |
| omnivore    | Billi      | Felis domesticus | mammal           |          | houses    |      | present         |         |               | rare               |   | NA                         |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |
|             |            |                  |                  |          |           |      |                 |         |               |                    |   |                            |

Uses include milk, meat, skin, fur and etc

### Format 16: Culture Fisheries

| 1         | 2          | 3               | 4       | 5        | 6                                |      | 7          | 8    | 9             | 10                 | 11            | 12                         |
|-----------|------------|-----------------|---------|----------|----------------------------------|------|------------|------|---------------|--------------------|---------------|----------------------------|
|           |            |                 |         |          | Watarsaana                       | Loc  | cal status |      |               |                    |               | Community Know             |
| Fish Type | Local Name | Scientific Name | Variety | Features | Waterscape<br>(pond/bheri/talao) | Past | Present    | Uses | Associated TK | Commercial rearing | Other details | Community Know.<br>Holders |
| NA        | NA         | NA              | NA      | NA       | NA                               | Na   | NA         | Na   |               | •                  | I             |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |
|           |            |                 |         |          |                                  |      |            |      |               |                    |               |                            |

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

| 1                                   | 2        | 3  | 4        | 5  | 6                                  | 7  | 8   | 9  |
|-------------------------------------|----------|--|----------|--|------------------------------------|--|---|--|
| Name of the Weekly<br>Market / Fair | Location | Weekly / Fortnightly<br>& Others<br>Bi-annual / Annual | Day held | Month incase of bi-annual<br>or annual market fair | Types of animal<br>bought and sold | Number of animals (average)<br>transacted in a day | Places from where the animals are arrived | Places to where the animals<br>are transported |
| NA                                  | NA       | NA   | NA       | NA   | NA                                 | Na   | NA  | Na   |
|                                     |          |  |          |  |                                    |  |   |  |
|                                     |          |  |          |  |                                    |  |   |  |
|                                     |          |  |          |  |                                    |  |   |  |
|                                     |          |  |          |  |                                    |  |   |  |
|                                     |          |  |          |  |                                    |  |   |  |
|                                     |          |  |          |  |                                    |  |   |  |
|                                     |          |  |          |  |                                    |  |   |  |
|                                     |          |  |          |  |                                    |  |   |  |

## Format 17: Markets / Fairs for Domesticated Animals, Medicinal Plants and other products

| 1          | 2          | 3                         | 4     | 5                           |      | 6         | 7                    | 8              | 9             | 10            | 11                         |
|------------|------------|---------------------------|-------|-----------------------------|------|-----------|----------------------|----------------|---------------|---------------|----------------------------|
| Diant Type | Local Name | Saiantifia Nama           | Habit | Habitat                     | Loc  | al status | Commercial / own use | Part collected | Associated TK | Other details | Community Knowledge Helder |
| Plant Type | Local Name | Scientific Name           | пари  |                             | Past | Present   | Commercial / own use | Fart conected  | Associated 1K | Other details | Community Knowledge Holder |
| Tree       | Tali       | Dalbergia sissoo          |       | Wild<br>Agriculture         |      | Present   | Commercial           | steem          |               |               | Locals                     |
| Tree       | Peepal     | Ficus religrora           |       | Agriculture                 |      | Present   | Commercial           | steem          |               |               | Locals                     |
| Tree       | Chir       | Pinus roxburghii          |       | Wild<br>Agriculture<br>Wild |      | Present   | Commercial           | steem          |               |               | Locals                     |
| Tree       | Toon       | Tuna ciliate              |       | Wild<br>Agriculture<br>Wild |      | Present   | Commercial           | steem          |               |               | Locals                     |
| Shurb      | Timbroo    | Zanthoxylum spp.          |       | Wild<br>Agriculture         |      | Present   | Commercial           | seed           |               |               | Locals                     |
| Shurb      | Bana       | Vitex nigunda             |       |                             |      | present   | do                   | leaves         |               |               | Locals                     |
| Herb       | Tulsi      | Ocimum sanctum            |       |                             |      | present   | do                   | Leaves         |               |               | Locals                     |
| herbs      | Arbhi      | Killmensis<br>decenorosis |       | Agriculture                 |      | Present   | Do                   | Leef           |               |               | Locals                     |
| Herbs      | Aloevera   | Aloe vera                 |       | Agriculture                 |      | Present   | Do                   | Leef           |               |               | Locals                     |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |
|            |            |                           |       |                             |      |           |                      |                |               |               |                            |

Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

| 1       | 2          | 3                 | 4       | 5  | 6       |
|---------|------------|-------------------|---------|--|---------|
| Sl. No. | Local Name | Scientific Name   | Variety | Importance<br>(as economic, social, cultural etc.) | Status  |
| 1       | peepal     | Ficus religiora   |         | Cultural   | present |
| 2       | Tali       | Dalberhia sissoo  |         | Timber   | present |
| 3       | Toon       | Toona ciliata     |         | Timber   | present |
| 4       | Amla       | Emlica officieala |         | Cultural   | present |
| 5       | Aam        | Mongifera indica  |         | Cultural   | present |
| 6       | Anar       | Punica lappica    |         | Cultural   | present |
|         |            |                   |         |  |         |
|         |            |                   |         |  |         |
|         |            |                   |         |  |         |
|         |            |                   |         |  |         |
|         |            |                   |         |  |         |
|         |            |                   |         |  |         |
|         |            |                   |         |  |         |
|         |            |                   |         |  |         |

## Format 19: Wild Plant Species of Importance

#### Format 20: Aquatic Biodiversity

| 1                   | 2                           | 3                | 4             | 5             |       | 6       | 7      | 8             | 9             | 10                   |
|---------------------|-----------------------------|------------------|---------------|---------------|-------|---------|--------|---------------|---------------|----------------------|
| Local Name          | Scientific Name             | Variety          | Features      | Habitat       | Local | Status  | Uses   | Associated TK | Other details | Community/ Knowledge |
|                     | Scientific Ivanie           | v ar icty        | reatures      | Habitat       | Past  | Present | 0.505  | Associated TK | Other details | Holder               |
| Moda                | Garra gotyla                | Indigenous fauna | Bony fishes   | Streams/lakes | Good  | Good    | Edible |               |               |                      |
| Nai                 | Glyptothorax spp.           | Indigenous fauna | Bony fishes   | Streams/lakes | Good  | Good    | Edible |               |               |                      |
| Rohu                | Labeo rohita                | Indigenous fauna | Bony fishes   | Streams/lakes | Good  | Good    | Edible |               |               |                      |
| Frog                | Sphearopheca breviceps      | Indigenous fauna | Frog          | Streams/lakes | Good  | Good    |        |               |               |                      |
| Bull Frog           | Hoplobatrachus<br>pigerinus | Indigenous fauna | Frog          | ponds         | good  | good    |        |               |               |                      |
| Snake               | Serpentes spp.              | Indigenous fauna | snake         | Streams/tawi  | Good  | Good    |        |               |               |                      |
| Snake               | Russels viper               | Fauna            | Snake         | Streams/lakes | good  | good    |        |               |               |                      |
| Water hyacinth      | Eichhornia crassipes        | Indigenous fauna | Aquatic plant | Streams/lakes | Good  | Good    |        |               |               |                      |
| Water lettuce       | Pistia stratiotes           | Indigenous fauna | Aquatic plant | Streams/lakes | Good  | Good    |        |               |               |                      |
| Lucky 4-leaf clover | Marsillia mutica            | Indigenous fauna | Aquatic plant | Streams/lakes | Good  | Good    |        |               |               |                      |

| 1       | 2                   | 3                     | 4             | 5          | 6      |
|---------|---------------------|-----------------------|---------------|------------|--------|
| Sl. No. | Local Name          | Scientific Name       | Variety       | Importance | Trends |
| 1       | Lucky 4-leaf clover | Marsillia mutica      | Aquatic plant |            |        |
| 2       | Money wort          | Bacopa monnieri       | Aquatic plant |            |        |
| 3       | Water popy          | Hydrocleys nymphoides | Aquatic plant |            |        |
| 4       | Water lilly         | Nymphaeaceae spp.     | Aquatic plant |            |        |
|         |                     |                       |               |            |        |
|         |                     |                       |               |            |        |
|         |                     |                       |               |            |        |
|         |                     |                       |               |            |        |
|         |                     |                       |               |            |        |

## Format 21: Wild Aquatic Plant Species of Importance

#### Format 22: Wild Plants of Medicinal Importance

| 1                            | 2          | 3                     | 4       | 5                   |      | 6           | 7               | 8            | 9         | 10                               | 11                             |
|------------------------------|------------|-----------------------|---------|---------------------|------|-------------|-----------------|--------------|-----------|----------------------------------|--------------------------------|
|                              |            |                       |         |                     | La   | ocal Status |                 |              |           |                                  |                                |
| Plant (Herb,<br>Shrub, Tree) | Local Name | Scientific Name       | Variety | Landscape / Habitat | Past | Present     | Associated TK   | Uses (usage) | Part used | Other details<br>market/ own use | Community/ Knowledge<br>Holder |
| Tree                         | Behra      | Terminallia bellerica |         |                     |      | Present     | trifla          |              | Fruit     |                                  | Local people                   |
| Tree                         | Amla       | Emblica officinale    |         |                     |      | Present     | Trifla          |              | Fruit     |                                  | Local people                   |
| Shrub                        | Sanatha    | Doderea viseosa       |         |                     |      | Present     | Trifla          |              | Fruit     |                                  | Local people                   |
| Shrub                        | Banah      | Vitex negundu         |         |                     |      | Present     | Pesticide       |              | Leaves    |                                  | Local people                   |
| Shrub                        | Brenkad    | Adhatoda vassica      |         |                     |      | Present     | Pesticide       |              | leaves    |                                  | Local people                   |
| Herb                         | pudina     | Mentha spp.           |         |                     |      | Present     | Improve apetite |              | leaves    |                                  | Local people                   |
| herb                         | Aloevera   | Aloe vera             |         |                     |      | Present     | Improve apetite |              | leaves    |                                  | Local people                   |
| Herb                         | Tulsi      | Ocimum sanctum        |         |                     |      | Present     | Improve apetite |              | leaves    |                                  | Local people                   |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |
|                              |            |                       |         |                     |      |             |                 |              |           |                                  |                                |

Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide) Other details: Harvesting period /Perennial/annual/seasonal

| Format 23: | Wild | relatives | of | Crops |
|------------|------|-----------|----|-------|
|------------|------|-----------|----|-------|

| 1           | 2                | 3                | 4                   |      | 5         | 6            | 7     | 8          | 9              | 10                       |
|-------------|------------------|------------------|---------------------|------|-----------|--------------|-------|------------|----------------|--------------------------|
| Local       | Scientific       | Associated even  | Landarana (II-bitat | Loc  | al Status | Uses         | Part  | Associated | Others details | Community (Warraw holdow |
| Name        | Name             | Associated crop  | Landscape / Habitat | Past | Present   | (usage)      | Used  | ТК         | Other details  | Community / Know holder  |
| Bar         | Ziziphus Jujube  | Zipus mouritiana | Wild                | Good | Good      | Edible fruit | Fruit |            |                |                          |
| Kainthi     | Pyrus Pyrifolia  | Pyrus communis   | Wild                | Good | Good      | Edible fruit | Fruit |            |                |                          |
| Wild Grapes | Vitis vinifera   | vitis            | Wild                | Good | Normal    | Edible fruit | Fruit |            |                |                          |
| Local Mango | Magnifera indica | Magnifera indica | Wild                | Good | Normal    | Edible fruit | Fruit |            |                |                          |
|             |                  |                  |                     |      |           |              |       |            |                |                          |
|             |                  |                  |                     |      |           |              |       |            |                |                          |
|             |                  |                  |                     |      |           |              |       |            |                |                          |
|             |                  |                  |                     |      |           |              |       |            |                |                          |
|             |                  |                  |                     |      |           |              |       |            |                |                          |
|             |                  |                  |                     |      |           |              |       |            |                |                          |
|             |                  |                  |                     |      |           |              |       |            |                |                          |
|             |                  |                  |                     |      |           |              |       |            |                |                          |

Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

### Format 24: Ornamental Plants

| 1                | 2                      | 3       | 4       | 5                                   | 6                | 7                   | 8                              |
|------------------|------------------------|---------|---------|-------------------------------------|------------------|---------------------|--------------------------------|
| Local<br>Name    | Scientific<br>Name     | Variety | Habitat | Commercial / Non-commercial<br>Uses | Associated<br>TK | Any other<br>Detail | Community/ Knowledge<br>Holder |
| Ashoka Tree      | Polyanthia ilongifolia |         |         | Ornamental                          |                  |                     | Local                          |
| Morpankhi        | Platycladus orientalis |         |         | Ornamental                          |                  |                     | Local                          |
| Red bottle brush | Cellistemon citrinus   |         |         | Ornamental                          |                  |                     | Local                          |
| Sunflower        | Helianthus spp.        |         |         | Edible oil                          |                  |                     | Local                          |
| Rose             | Rosa indica            |         |         | ornamental                          |                  |                     | Local                          |
| Bougainvillea    | Bougainvillea glabra   |         |         | Ornamental                          |                  |                     | Local                          |
|                  |                        |         |         |                                     |                  |                     |                                |
|                  |                        |         |         |                                     |                  |                     |                                |
|                  |                        |         |         |                                     |                  |                     |                                |
|                  |                        |         |         |                                     |                  |                     |                                |
|                  |                        |         |         |                                     |                  |                     |                                |
|                  |                        |         |         |                                     |                  |                     |                                |
|                  |                        |         |         |                                     |                  |                     |                                |

## Format 25: Fumigate / Chewing Plants

| 1                   | 2       | 3                 | 4       | 5           |      | 6         | 7        | 8         | 9          | 10            | 11                  |
|---------------------|---------|-------------------|---------|-------------|------|-----------|----------|-----------|------------|---------------|---------------------|
| Plant (Herb, Shrub, | Local   | Scientific        | V       | Habitat     | Loc  | al Status | Uses     | Dentand   | Associated | Other details | Community knowledge |
| Tree)               | Name    | Name              | Variety | Habitat     | Past | Present   | (usage)  | Part used | ТК         | (mode of use) | holder              |
| Shrub               | Timbroo | Zanthoxylum spp.  |         | Agriculture |      | present   | Medicine | Leaves    |            |               |                     |
| herb                | Pudina  | Mentha spp.       |         |             |      | present   | Medicine | Leaves    |            |               |                     |
| Herb                | Dania   | Exyoraium foeidus |         | Do          |      | present   | Medicine | Leaves    |            |               |                     |
|                     |         |                   |         |             |      |           |          |           |            |               |                     |
|                     |         |                   |         |             |      |           |          |           |            |               |                     |
|                     |         |                   |         |             |      |           |          |           |            |               |                     |
|                     |         |                   |         |             |      |           |          |           |            |               |                     |
|                     |         |                   |         |             |      |           |          |           |            |               |                     |
|                     |         |                   |         |             |      |           |          |           |            |               |                     |
|                     |         |                   |         |             |      |           |          |           |            |               |                     |
|                     |         |                   |         |             |      |           |          |           |            |               |                     |

| Format | 26: | Timber | Plants |
|--------|-----|--------|--------|
|        |     |        |        |

| 1          | 2                  | 3       |       | 4       | 5                  | 6             | 7             | 8                            |
|------------|--------------------|---------|-------|---------|--------------------|---------------|---------------|------------------------------|
| Local Name | Scientific Name    | Habitat | Local | Status  | Other Uses if one  | Associated TK | Other Details | Community/ Versidadas Halden |
| Local Name | Scientific Name    | парна   | Past  | Present | Other Uses, if any | Associated TK | Other Details | Community/ Knowledge Holder  |
| Chir       | Pinus roxburghii   |         |       | Present | Resin              | Timber        |               | Bakerwal and local public    |
| Tali       | Dalbergia sissoo   |         |       | Present | Timber             | Timber        |               | Local natives of area        |
| Tun        | Tuna ciliata       |         |       | Present | Timber             | Cotton fiber  |               | Local natives of area        |
| Safeda     | Euclyptua globalus |         |       | Present | E. Oil             | Timber        |               | Local natives of area        |
| Khair      | Acacia catechu     |         |       | Present | Timber             | Timber        |               | Local natives of area        |
| Oak        | Quercus spp.       |         |       | Present | Timber             | Timber        |               | Local natives of area        |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |
|            |                    |         |       |         |                    |               |               |                              |

### Format 27 A: Coastal and Marine Flora

| 1          | 2           | 3                        | 4             |      | 5         | 6                           | 7                           | 8          | 9             | 10                          |
|------------|-------------|--------------------------|---------------|------|-----------|-----------------------------|-----------------------------|------------|---------------|-----------------------------|
|            |             |                          |               | Loc  | al Status | Danta Collected             | Commondal Usos              |            |               |                             |
| Plant Type | Local Name  | Scientific Name          | Habitat       | Past | Present   | Parts Collected<br>(if any) | Commercial Uses<br>(if any) | Other Uses | Associated TK | Community/ Knowledge Holder |
| herb       | water Lilly | Nymphaeaceae spp.        | aquatic plant |      | present   |                             |                             |            |               |                             |
| herb       | money wort  | Lysimachia<br>nummularia | aquatic plant |      | present   |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |
|            |             |                          |               |      |           |                             |                             |            |               |                             |

### Format 27 B: Coastal and Marine Fauna

| 1           | 2          | 3               | 4       |      | 5         | 6                           | 7                           | 8          | 9             | 10                          |
|-------------|------------|-----------------|---------|------|-----------|-----------------------------|-----------------------------|------------|---------------|-----------------------------|
|             |            |                 |         | Loc  | al Status |                             |                             |            |               |                             |
| Animal Type | Local Name | Scientific Name | Habitat | Past | Present   | Parts<br>Collected (if any) | Commercial Uses<br>(if any) | Other Uses | Associated TK | Community/ Knowledge Holder |
| Omnivore    | Murga      | Gallus galus    | Nest    |      | Present   |                             |                             | Social     |               |                             |
| Herbivore   | Madhumakhi | Apis dorsata    | Nest    |      | Present   |                             |                             | Social     |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |
|             |            |                 |         |      |           |                             |                             |            |               |                             |

| 1           | 2          | 3               | 4       | 5           | 6                   |         | 7         | 8                | 9             | 10                                      | 11            | 12                             |
|-------------|------------|-----------------|---------|-------------|---------------------|---------|-----------|------------------|---------------|---|---------------|--------------------------------|
|             |            |                 |         |             |                     | Loc     | al Status |                  |               |   |               |                                |
| Animal Type | Local Name | Scientific Name | Habitat | Description | Season when<br>seen | Past    | Present   | Uses (if<br>any) | Associated TK | Mode of Hunting,<br>collecting (if any) | Other details | Community/ Knowledge<br>Holder |
| Goat        |            | Capra aegagrus  | Wild    | Everytime   |                     | present |           |                  |               |   | Locals        |                                |
| Pig         |            | Sus scaba       | Do      | Do          |                     | present |           |                  |               |   | Locals        |                                |
| Monkey      |            | Macaca mulatta  | Do      | Do          |                     | present |           |                  |               |   | Locals        |                                |
| Peacock     |            | Paro cristatus  | Do      | Do          |                     | present |           |                  |               |   | Locals        |                                |
| Snake       |            | Serpents spp.   | land    | Summer      |                     | present |           |                  |               |   | Locals        |                                |
| Lizrd       |            | Lacertilia      | land    | Summer      |                     | present |           |                  |               |   | Locals        |                                |
| Frog        |            | Rana tigrina    | Land    | Do          |                     | present |           |                  |               |   | Locals        |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |
|             |            |                 |         |             |                     |         |           |                  |               |   |               |                                |

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

| <b>Format 29: Flora</b> |
|-------------------------|
|-------------------------|

| 1       | 2          | 3                       | 4              | 5       | 6                | 7                            |
|---------|------------|-------------------------|----------------|---------|------------------|------------------------------|
| Sr. No. | Local Name | Scientific Name         | Type of Plants | Habitat | Flowering Season | Remarks (Rare / Common etc.) |
| 1       | Jari       | Parthenium Hysterophrus | Herbs          | forest  | rainy season     | common                       |
| 2       | Thor       | Euphorbia royleana      | Herbs          | forest  | rainy season     | rare                         |
|         |            |                         |                |         |                  |                              |
|         |            |                         |                |         |                  |                              |
|         |            |                         |                |         |                  |                              |
|         |            |                         |                |         |                  |                              |
|         |            |                         |                |         |                  |                              |
|         |            |                         |                |         |                  |                              |
|         |            |                         |                |         |                  |                              |
|         |            |                         |                |         |                  |                              |

**Note:** Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

### Format 30: Fauna

| 1       | 2          | 3               | 4  | 5            | 6                            |
|---------|------------|-----------------|--|--------------|------------------------------|
| Sr. No. | Local Name | Scientific Name | Type of Animals (Mammals / Birds / Fish / Insect etc.) | Habitat      | Remarks (Rare / Common etc.) |
| 1       | Honey bee  | Apis mellifera  | Insects  | land         | common                       |
| 2       | Aunt       | Formicidae spp. | Do   | Land         | common                       |
| 3       | Monkey     | Macaca mulatta  | Mannual  | Forest       | common                       |
| 4       | Pigg       | Sus scrofa      | Do   | Forest       | common                       |
| 5       | Goat       | Capra aegagrus  | Do   | Forest       | common                       |
| 6       | Jackal     | Canis aureus    | Do   | Forest       | common                       |
| 7       | Lizard     | Lacertilia      | Reptrle  | Land         | common                       |
| 8       | Snake      | Serpentes spp.  | Do   | land & Water | common                       |

Note: Separate format should be used for road side plantation - habitat / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

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

End of Part II