| Peoples' Biodiversity Register (PBR): General Details                           |
|---|
| Name of the Panchayat Samiti: Shindara Lower                                    |
| Taluk/Tehsil: Lassana   |
| District: Poonch  |
| State/UT: Jammu And Kashmir   |
| Geographical Area of the pancahayt Samiti:                                      |
| Population Of the Panchayat samitiTotal 3100                                    |
| Male - 2000 Female = 1100   |
| Habitat and Topography: Hilly area  |
| Climate (Rainfall, Temperature and other weather patterns): Cold temperature    |
| Land Use (Nine fold classification available with village records): Agriculture |
| Date, Month and Year of PBR preparation: 18-09-2021                             |

| anagement Committee (BMC) of the Panchayat (One elected Chairperson and six persons nominated by the local body ; not less than one third to be wome |
|--|
| n: Mr. Wajard Bhukhari   |
|  |
|  |
|  |
| riculture  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

| (  | ST) |
|----|-----|
| ſ. | 31) |

| <br> | <br> | <br> |
|------|------|------|
| <br> | <br> | <br> |
|      |      |      |

| Annexure-2   |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|
| List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within<br>the jurisdiction of the village |  |  |  |  |  |  |  |  |  |  |
| 1) Name :  |  |  |  |  |  |  |  |  |  |  |
| Age:   |  |  |  |  |  |  |  |  |  |  |
| GENDER:  |  |  |  |  |  |  |  |  |  |  |
| Address:   |  |  |  |  |  |  |  |  |  |  |
| Area of specialization:  |  |  |  |  |  |  |  |  |  |  |
| Location from which the person accesses biological material: local/non local   |  |  |  |  |  |  |  |  |  |  |
| Perception of the practitioner on the resource status: less local resources availble   |  |  |  |  |  |  |  |  |  |  |
| Medicinal Use:   |  |  |  |  |  |  |  |  |  |  |

Г

| Annexure 3   |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|
| List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in<br>agriculture, fisheries, and foresty |  |  |  |  |  |  |  |  |  |  |
| 1) Name : Mr. Manzoor Hussain  |  |  |  |  |  |  |  |  |  |  |
| Age: 40 years  |  |  |  |  |  |  |  |  |  |  |
| Gender: Male   |  |  |  |  |  |  |  |  |  |  |
| Address: Shindara lower  |  |  |  |  |  |  |  |  |  |  |
| Area of specialization:Agriculture & Forestry  |  |  |  |  |  |  |  |  |  |  |
| 2) Name :  |  |  |  |  |  |  |  |  |  |  |
| Age:50   |  |  |  |  |  |  |  |  |  |  |
| Gender:  |  |  |  |  |  |  |  |  |  |  |
| Address:   |  |  |  |  |  |  |  |  |  |  |
| Area of specialization:  |  |  |  |  |  |  |  |  |  |  |
| 3) Name of the Chairperson:  |  |  |  |  |  |  |  |  |  |  |
| Age:   |  |  |  |  |  |  |  |  |  |  |
| Gender:  |  |  |  |  |  |  |  |  |  |  |
| Address:   |  |  |  |  |  |  |  |  |  |  |
| Area of specialization:  |  |  |  |  |  |  |  |  |  |  |
| 4) Name of the Chairperson:  |  |  |  |  |  |  |  |  |  |  |
| Age:   |  |  |  |  |  |  |  |  |  |  |
| Gender:  |  |  |  |  |  |  |  |  |  |  |
| Address:   |  |  |  |  |  |  |  |  |  |  |
| Area of specialization:  |  |  |  |  |  |  |  |  |  |  |

|    | Annexure 4  |
|----|---|
| E  | Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals<br>involved in the preparation of the PBR |
| 1) | Contact Person: Nil   |
|    | Name and Address:   |
| 2) | Contact Person:   |
|    | Name and Address:   |
| 3) | Contact Person:   |
|    | Name and Address:   |
| 4) | Contact Person:   |
|    | Name and Address:   |

|      | Annexure 5   |  |   |                                  |   |  |  |  |  |  |  |  |  |  |
|------|--|--|---|----------------------------------|---|--|--|--|--|--|--|--|--|--|
|      | Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing |  |   |                                  |   |  |  |  |  |  |  |  |  |  |
| S.no | Name and address of the<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 benefits<br>shared |  |  |  |  |  |  |  |  |  |
|      |  |  |   |                                  |   |  |  |  |  |  |  |  |  |  |

|           | Format 1: Crop Plants |            |                      |                                 |                       |              |         |                          |                    |                      |                      |                  |                                |                                 |  |
|-----------|-----------------------|------------|----------------------|---------------------------------|-----------------------|--------------|---------|--------------------------|--------------------|----------------------|----------------------|------------------|--------------------------------|---------------------------------|--|
| 1         | 2                     | 3          | 4                    | 5                               | 6                     |              | 7       |                          | 9                  | 10                   | 11                   | 12               | 13                             | 14                              |  |
|           |                       |            |                      |                                 | Approx.<br>area shown | Local Status |         |                          |                    |                      |                      |                  |                                | Community/                      |  |
| Сгор      | Scientific Name       | Local Name | • Variety            | Landscape<br>/ Habitat          |                       | Past         | Present | Special features         | Cropping<br>season | Uses                 | Associated TK        | Other<br>details | Source of<br>Seeds/Plants      | Knowledge<br>Holder             |  |
| Wheat     | Triticum aestivum     | kanak      | HD-2667              | Hilly areas or<br>lower hills   |                       | Common       | Common  | high Yielding<br>variety | Rabi               | Food Fodder          | Staple food          |                  | Agricultural deptt.            | Farmers                         |  |
| Vine      | Phaseolus vulgaris    | Rajmash    | Local                | Hilly temperate                 |                       | Common       | Common  | Medium<br>yielding       | Kharief            | Food Fodder          | Staple food          |                  | Agricultural deptt.            | Farmers/<br>Knowledge<br>holder |  |
| Vegetable | Lagenaria siceraria   | Kaddu      | PSPG Punjab<br>Komal | Sub tropical to<br>Intermediate |                       | Common       | Common  | Winter squash            | Kharief            | Uses as<br>vegetable | Rich in vitamin<br>A |                  | Agricultural<br>deptt. / Seeds | Farmers                         |  |

|            | Format 2: Fruit Plants |            |                            |             |        |                     |                      |                                     |  |                          |                           |                                 |  |  |  |
|------------|------------------------|------------|----------------------------|-------------|--------|---------------------|----------------------|-------------------------------------|--|--------------------------|---------------------------|---------------------------------|--|--|--|
| 1          | 2                      | 3          | 4                          | 5           |        | 6                   |                      | 8                                   | 9  | 10                       | 11                        | 12                              |  |  |  |
| Plant      | Scientific Name        | Local Name | Variety                    | Landscape / | Local  | Status<br>Source of |                      | Season of                           | Associated TK  | Uses                     | Other details<br>market / | Community /                     |  |  |  |
|            |                        |            | v arrety                   | Habitat     | Past   | Present             | Seeds/Plants         | Fruiting                            |  |                          | own use                   | Knowledge holder                |  |  |  |
| Grapes     | Vitis vinifera         | Druni      | Sub-tropical               |             | Common | Common              | May-Aug              |                                     |  | Fruits                   |                           | Community /<br>Knowledge holder |  |  |  |
| Shrub      | Citrus sinensis        | Santra     | Mid hills                  |             | Rare   | Common              | Throughout the yearr |                                     |  | Fruits/ Pickling         |                           | Community /<br>Knowledge holder |  |  |  |
| Woody Tree | Pidium guajava         | Amrood     | Tropical or plain<br>areas |             | Rare   | Rare                | July-Aug             | March to August,<br>Dec. To January | Introduced by<br>traders and<br>domesticated<br>locally. | Fruit, medicinal<br>uses |                           | Farmer or knowledge<br>holder   |  |  |  |
| Tree       | Juglans Regia          | Khore      | Sub-tropical               |             | Common | Rare                | Aug-Oct              |                                     |  | Dry fruits               |                           | Farmer or community             |  |  |  |

|        | Format 3: Fodder Crops / Species |                     |                           |               |         |                                 |                |               |                    |                                 |  |   |  |   |   |   |   |    |
|--------|----------------------------------|---------------------|---------------------------|---------------|---------|---------------------------------|----------------|---------------|--------------------|---------------------------------|--|---|--|---|---|---|---|----|
| 1      | 2                                | 3                   | 4                         | 5             |         | 5                               |                | 5             |                    | 5                               |  | 5 |  | 6 | 7 | 8 | 9 | 10 |
| Dist   | Scientific                       | Local               |                           | Local Status  |         | 6                               | Associated     | Part          |                    | Community /                     |  |   |  |   |   |   |   |    |
| Plant  | Name                             | Name                | Landscape / Habitat       | Past          | Present | Source of Plants / Seeds        | ТК             | Used          | Other details      | Knowledge holder                |  |   |  |   |   |   |   |    |
| Herb   | Coriandrum sativum               | Dhania              | Tropical -<br>Subtropical | Common Common |         | Seeds/ Agricultural Deptt       | Nutritious     | Leaves, Seeds | Used in vegetables | Farmers                         |  |   |  |   |   |   |   |    |
| Grass  | Avena sativa                     | Javi                | Sub-tropical              | Rare Common   |         | Agricultural deptt              | Nutritious     | Whole Plant   | Suitest for fodder | Knowledge holder                |  |   |  |   |   |   |   |    |
| Herb   | Oryza sativa                     | Kharb               | Sub-tropical              | Common Common |         | Naturally/ Agriculture<br>deptt | Potable fodder | Whole Plant   | Suitest for fodder | Community / Knowledge<br>holder |  |   |  |   |   |   |   |    |
| Garlic | Allium sativum                   | Thoom -<br>Abundant | Sub-tropical              | Common Common |         | Seeds                           | Medical uses   | Clove         | Spice uses         | Farmers                         |  |   |  |   |   |   |   |    |

|       | Format 4: Weeds               |                |               |                |                                 |              |         |              |                          |                  |                              |                                  |  |             |  |
|-------|-------------------------------|----------------|---------------|----------------|---------------------------------|--------------|---------|--------------|--------------------------|------------------|------------------------------|----------------------------------|--|-------------|--|
| 1     | 2                             | 3              | 4             | 5              | 6                               |              | 7       |              | 9                        | 10               | 11                           | 12                               |  |             |  |
|       |                               |                |               |                |                                 | Local Status |         | Local Status |                          |                  |                              |                                  |  | Community / |  |
| Plant | Scientific Name               | Local Name     | Affected crop | Impact         | Landscape /<br>Habitat          | Past         | Present | Uses if any  | Management<br>options    | Associated<br>TK | Other details<br>like exotic | Knowledge<br>holder              |  |             |  |
| Shrub | Agerantum conyzoides          | Jungali Pudina | Maize         | Complete Crops | Sub-tropical to<br>Intermediate | Rare         | Common  |              | Chemical<br>controls     |                  | Local                        | Knowledge<br>holders / Farmers   |  |             |  |
| Shrub | Echinocola colonum            | Ghass          | All crops     | Complete Crops | Sub-tropical to<br>Intermediate | Common       | Common  |              | Chemical /<br>Pesticides |                  | Local                        | Farmers                          |  |             |  |
| Shrub | Parthenimum<br>hysterophorous | Con. Ghass     | All crops     | Complete Crops | Sub-tropical to<br>Intermediate | Rare         | Common  |              | Chemicals                |                  | Local                        | Farmers/<br>Knowledge<br>holders |  |             |  |

|                       |                 |                    |            | Form         | at 5: Pests of Cro                | ps                          |                  |                              |                               |
|-----------------------|-----------------|--------------------|------------|--------------|-----------------------------------|-----------------------------|------------------|------------------------------|-------------------------------|
| 1                     | 2               | 3                  | 4          | 5            | 6                                 | 7                           | 8                | 9                            | 10                            |
| Host                  | Insect / Animal | Scientific name    | Local name | Habitat      | Time / season of<br>attack        | Management mechanism        | Associated<br>TK | Other details                | Community knowledge<br>holder |
| Wheat, Maize,<br>Rice | Rat             | Tatera indica      | Chuha      | Sub-tropical | Kharif                            | Mechanical control          | -                | Feed on crop leaves & fruits | Farmers                       |
| Vegetables            | Cabbage cooper  | Trichopusa         | Nela kida  | Sub-tropical | When vegetables<br>grown in field | Chemical control/ Pesticide |                  | Feed on crop leaves          | Farmers/ knowledge<br>holder  |
| Maize/ Potato         | Porcupine       | Erethizon dorsatum | Seh        | Sub-tropical | Kharief/ Rabi                     | Mechanical control          |                  | Feed on potato tuber         | Farmers                       |
| Maize                 | Cut worm        | Agrotis ipsilon    | Makk kida  | Sub-tropical | Kharief                           | Chemical control            | Nil              | Feed on crop leaves          | Farmers                       |

|                                  |  | For  | mat 6: Markets for Do   | omesticated anim                         | als   |                                     |                         |                |
|----------------------------------|--|--|---|--|---|-------------------------------------|-------------------------|----------------|
| 1                                | 2  | 3  | 4   | 5  | 6   | 7                                   | 8                       | 9              |
| Name of the market &<br>location | Weekly (D)/ Fortnightly (D) /<br>Monthly (D) / Biannual (M) /<br>Annual (M)<br>[1] | Types of animals bought<br>and sold<br>[2] | Types and Average<br>Number of animals<br>transacted in a 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 fishes<br>sold | Source of fish |
| Nil                              | Nil  | Nil  | Nil   | Nil                                      | Nil   | Nil                                 | Nil                     | Nil            |
|                                  |  |  |   |  |   |                                     |                         |                |
|                                  |  |  |   |  |   |                                     |                         |                |
|                                  |  |  |   |  |   |                                     |                         |                |

|                           |                                |                 |                        | Form   | at 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<br>resources<br>accessed and<br>seasons of<br>access | Landscape<br>management practices | Resource management<br>practices | Cast<br>/ tribe | Social<br>condition | Nature of<br>inhabitants | No. of HHs |
| Maj-Muslims -<br>3100     | 800 - Families,<br>Agriculture | Agriculture     | Agriculture            |  |                                   |                                  |                 |                     |                          |            |
|                           |                                |                 |                        |  |                                   |                                  |                 |                     |                          |            |

|                   |                  |                |                  |                 | Form                                     | nat-8 Landscap            | e  |             |                         |                 |                  |                  |
|-------------------|------------------|----------------|------------------|-----------------|--|---------------------------|--|-------------|-------------------------|-----------------|------------------|------------------|
|                   | 1                |                | 2                | 3               | 4  | 5                         | 6  | 7           | 8                       | 9               | 10               | 11               |
| 1                 | Major Landscapes |                |                  | Feature s and   |  |                           |  |             |                         |                 |                  |                  |
| Agricultural land | Pond             | Fallow land    | Sub - Landscapes | approx.<br>area | Ownership                                | General flora             | General fauna  | User groups | Management<br>practices | General<br>uses | Associated<br>TK | Other<br>details |
| Cultivated Land   | Not Applicable   | Not Applicable | Cultivated Land  |                 | Agricultural Land are<br>Privately owned | Fodder and Crop<br>Plants | Insects,Snakes,<br>Dogs,Fox,Jackels etc                    | Nil         | Nil                     | Nil             |                  | Nil              |
| Forest Land       | Not Applicable   | Not Applicable | Forest Land      |                 | Government                               | Wild plants               | Wild animals, wild<br>Chicken, fox, Jackel,<br>Insects etc | Nil         | Nil                     | Nil             |                  | Nil              |



|                            |           |  |                        |   | Form                       | nat-9 Waterso | cape        |                         |  |               |                  |                       |
|----------------------------|-----------|--|------------------------|---|----------------------------|---------------|-------------|-------------------------|--|---------------|------------------|-----------------------|
| 1                          | 2         | 3  | 4                      | 5   | 6                          | 7             | 8           | 9                       | 10   | 11            | 12               | 13                    |
| Waterscape<br>element type | Sub- type | Features and approx area                         | Ownership              | General flora   | General fauna              | Major uses    | User groups | Management<br>practices | General uses   | Associated TK | Other<br>details | Community<br>accessed |
|                            | Nallas    | Originates from<br>the foothills of<br>Mountains | Govt. and<br>Panchayat | Frog,Tadpoles,<br>Fishes,Water,<br>Water Snakes,<br>Crabs etc | Wild and Aquatic<br>Plants | Irrigation    | Farmers     |                         | For Irrigation and<br>Drinking of<br>Domesticated<br>animals and Wild<br>Animals | Nil           | Nil              | Local Villagers       |
|                            |           |  |                        |   |                            |               |             |                         |  |               |                  |                       |

|                     |                          | Fe  | ormat-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 |
| Sandy and clay soil | Clayey loam, sandy loam, | Fine Granular, Dub-Angular Blocky Structure<br>having pH 7.8-8.3, Water Holding capacity more<br>than 40% | Use of Organic matter | Maize, Wheat           | -               | -             | -                 |
|                     |                          |   |                       |                        |                 |               |                   |

|            |            |                    |            |              | Format    | 11: Fruit | Trees                             |                    |                   |               |                               |                       |
|------------|------------|--------------------|------------|--------------|-----------|-----------|-----------------------------------|--------------------|-------------------|---------------|-------------------------------|-----------------------|
| 1          | 2          | 3                  | 4          | 6            |           | 7         | 8                                 | 9                  | 10                | 11            | 12                            | 13                    |
|            |            |                    |            | Landscape/   | Local     | Status    | Source of                         |                    |                   |               | Other details                 | Community/            |
| Plant Type | Local Name | Scientific Name    | Variety    | Habitat      | Past      | Present   | plant/seeds                       | Season of Fruiting | Uses (usage)      | Associated TK | market/own<br>use             | Know. holder          |
| Plum       | Plum       | Prunus subg prunus | Blood plum | Sub-tropical | Common    | Common    | Nurseries/<br>agricultural Deptt. | July-Sept          | Fruits            | Medicinal     | Market use                    | Farmers               |
| Apricot    | Khobani    | Prunus armenica    | Local      | Temperate    | Available | Available | Agricultural<br>Deptt.            | Aug-Oct            | Fruits            | Medicinal     | Market use                    | Knowledge<br>holder   |
| Peach      | Aru        | Prunus percia      | Local      | Temperate    | Available | Available | Agricultural<br>Deptt.            | July-Sept          | Fruits            | Medicinal     | Market use                    | Farmers               |
| Tree       | Dandel     | Pyrus pyrifolia    | Local      | Sub-tropical |           |           | Agricultural<br>Deptt.            | Aug-Oct            | Fruits/ Medicinal | Medicinal     | Medicinal use /<br>Market use | Farmers/<br>Community |

|            |            |                         |         | Format       | -12 Medicina | al Plants (H | erb, Shrubs, | , Trees etc.)   |              |                      |                             |                                 |
|------------|------------|-------------------------|---------|--------------|--------------|--------------|--------------|---|--------------|----------------------|-----------------------------|---------------------------------|
| 1          | 2          | 3                       | 4       | 5            | 6            |              | 7            | 8   | 9            | 10                   | 11                          | 12                              |
| Plant Type | Local Name | Scientific Name         | Variety | Landscape/   | Source of    | Loca         | l status     | - Uses (usage)  | Part used    | Associated TK        | Other details<br>market/own | Community/<br>Know.             |
| Plant Type | Local Name | Scientific Name         | variety | Habitat      | plant/seeds  | Past Present |              | Uses (usage)  | rart useu    | Associated TK        | use                         | Holders                         |
| Shrubs     | Trimuru    | Zanthoxylum<br>aurmatum |         |              | Seed         | Abundant     | Abundant     | Good for Cleaning<br>Teeths.                              | Stem / Seed  | N.A                  | N.A                         | Generally, held by community    |
| Trees      | Bair       | Ziziphus xylocarpa      |         |              | Seed         | Rare         | Rare         | Medicinal use   | Fruit,Leaves | N.A                  | N.A                         | Generally, held<br>by community |
|            | Mathur     | Cyperus rotundus L      | Local   | Sub-tropical | Natural      | Common       | Common       | Stemes & leaves used<br>against irregular<br>menstruation | Leaves       | Medicinal<br>purpose |                             | Farmers                         |
| Tree       | Phagwari   | Ficus Palmata           | Local   | Sub-tropical | Natural      | Common       | Common       | Skin<br>diseases, contipation                             | Fruit        | Medicinal<br>purpose |                             | Knowledge<br>holder             |

|               |            |                 | Form    | at 13: Ornamental               | Plants/ Trees/Clim             | bers etc.  |               |               |                               |
|---------------|------------|-----------------|---------|---------------------------------|--------------------------------|------------|---------------|---------------|-------------------------------|
| 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.<br>holder    |
| Herb/Climber  | Matar      | pisum sativum   | Local   | Seeds                           | Commercial                     | Veg        | Climber       |               | Farmers                       |
| Shrub/Climber | Phulwari   | Rosa acicularis | Local   | Cutting / Naturally<br>occuring | Non-Commercial                 | Decoration | Climber       |               | Knowledge holder/<br>Farmers  |
| Shrub         | Gulab      | Rosa indica     | Local   | Cutting                         | Commercial                     | Veg        | Climber       |               | Knowledge<br>holder/Community |
|               |            |                 |         |                                 |                                |            |               |               |                               |

|            |            |                 |         | Format-      | 14 Timber Pla | nts/Trees          |                       |                            |               |                            |
|------------|------------|-----------------|---------|--------------|---------------|--------------------|-----------------------|----------------------------|---------------|----------------------------|
| 1          | 2          | 3               | 4       |              | 5             | 6                  | 7                     | 8                          | 9             | 10                         |
| Plant Type | Local Name | Scientific Name | Habitat | Loca         | l status      | Wild/ home- garden | Other<br>uses (multi) | Associated TK              | Other details | Community/<br>Know. holder |
|            |            |                 |         | Past         | Present       |                    |                       |                            |               |                            |
|            | Trees      | Quercus incana  | Rein    | Sub-tropical | Rare          | Rare               |                       | Roofing, furniture<br>etc. | nil           | nil                        |

|             |            |                 |                          | For                   | rmat 15: Do          | mesticated | l Animals |  |                         |                       |                                       |                            |
|-------------|------------|-----------------|--------------------------|-----------------------|----------------------|------------|-----------|--|-------------------------|-----------------------|---------------------------------------|----------------------------|
| 1           | 2          | 3               | 4                        | 5                     | 6                    | ,          | 7         | 8  | 9                       | 10                    | 11                                    | 12                         |
|             |            |                 |                          |                       |                      | Lo<br>sta  |           |  |                         |                       | Other details                         |                            |
| Animal Type | Local Name | Scientific Name | Breed (local/<br>hybrid) | Features              | Method of<br>keeping | Past       | Present   | Uses   | Associated TK           | Commercial<br>rearing | including products<br>and<br>services | Community Know.<br>Holders |
| Cat         | Billi      | Felis Spp       | Local                    | Feline<br>flexibility | Cattery              | Common     | Common    |  |                         |                       | no                                    | Knowledge holder           |
| Horse       | Ghora      | Equus Caballus  | Hybrid                   | Short-horn            | Shed                 | Common     | Common    | Transportation of material from one place to another |                         |                       |                                       | Farmers                    |
| Cow         | Gaay       | Bos taures      | Local                    | Long horn             | Cow shed             | Common     | Common    | Milk, Cow dung                                       | Milk good for<br>health | Yes                   | High milk<br>production               | Farmers/<br>Community      |

|           |   |                 |         |          | Format 16: C                     | ulture Fis | sheries |      |               |                       |               |                  |  |  |
|-----------|---|-----------------|---------|----------|----------------------------------|------------|---------|------|---------------|-----------------------|---------------|------------------|--|--|
| 1         | 1 2 3 4 5 6 7 8 9 10 11 12  |                 |         |          |                                  |            |         |      |               |                       |               |                  |  |  |
|           | Local status Community  |                 |         |          |                                  |            |         |      |               |                       |               |                  |  |  |
| Fish Type | Local Name  | Scientific Name | Variety | Features | Waterscape<br>(pond/bheri/talao) | Past       | Present | Uses | Associated TK | Commercial<br>rearing | Other details | Know.<br>Holders |  |  |
| Nil       | Nil |                 |         |          |                                  |            |         |      |               |                       |               |                  |  |  |

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

|            | Format-18 Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc. |                          |        |              |          |          |              |                |                                   |               |                              |  |  |  |
|------------|--|--------------------------|--------|--------------|----------|----------|--------------|----------------|-----------------------------------|---------------|------------------------------|--|--|--|
| 1          | 2  | 3                        | 4      | 5            |          | 5        | 7            | 8              | 9                                 | 10            | 11                           |  |  |  |
| Plant Type | Local Name   | Scientific Name          | Habit  | Habitat      | Local    | status   | Commercial / | Part collected | Associated TK                     | Other details | Community                    |  |  |  |
|            |  | ~~~~~~                   |        |              | Past     | Present  | own use      |                |                                   |               | Knowledge Holder             |  |  |  |
| Trees      | Drankh   | Melia azedarach          | Trees  | Sub-Tropical | Abundant | Rare     | own          | Leaves/Stem    | nil                               | nil           | Generally, held by community |  |  |  |
| Trees      | Guvava   | Psidium Guajava          | Trees  | Sub-Tropical | Abundant | Abundant | own          | Leaves/Fruit   | posses<br>medicinal<br>properties | nil           | Generally, held by community |  |  |  |
| Trees      | Kainth   | Pyrus paschia            | Trees  | Sub-Tropical | Rare     | Rare     | own          | Leaves         | nil                               | nil           | Generally, held by community |  |  |  |
| Trees      | Kiker  | Acacia Nilotica          | Trees  | Sub-Tropical | Abundant | Abundant | own          | Leaves         | nil                               | nil           | Generally, held by community |  |  |  |
| Trees      | Popular  | Populus ciliata          | Trees  | Sub-Tropical | Abundant | Abundant | own          | Leaves/Stem    | nil                               | nil           | Generally, held by community |  |  |  |
| Shurbs     | Trimuru  | Zantho Xylum<br>Aurmatum | Shurbs | Sub-Tropical | Rare     | Rare     | own          | Fruit          | nil                               | nil           | Generally, held by community |  |  |  |
| Shurbs     | brankad  | Adha toda vesica         | Shurbs | Sub-Tropical | Abundant | Abundant | own          | Flower         | nil                               | nil           | Generally, held by community |  |  |  |

| Shurbs | Akk          | Ipomea fistulosa     | Shurbs | Sub-Tropical | Abundant | Abundant | own |        | nil | nil | Generally, held by community |
|--------|--------------|----------------------|--------|--------------|----------|----------|-----|--------|-----|-----|------------------------------|
| Shurbs | Thor/Shuu    | Euphorbia royleana   | Shurbs | Sub-Tropical | Rare     | Rare     | own | Stem   | nil | nil | Generally, held by community |
| Shurbs | Bhang        | Canabis sativia      | Shurbs | Sub-Tropical | Abundant | Abundant | own | Leaves | nil | nil | Generally, held by community |
| Grass  | Drub/Khabbal | Cyanodon dactylon    | Grass  | Sub-Tropical | Abundant | Abundant | own | Leaves | nil | nil | Generally, held by community |
| Grass  | Kai/Kaana    | Saccharum spontaneum | Grass  | Sub-Tropical |          |          | own | Stem   | nil | nil | Generally, held by community |
|        |              |                      |        |              |          |          |     |        |     |     |                              |

|         | Format-19 Wild Plant Species of Importance |                  |         |  |        |  |  |  |  |  |  |  |  |
|---------|--|------------------|---------|--|--------|--|--|--|--|--|--|--|--|
| 1       | 2  | 3                | 4       | 5  | 6      |  |  |  |  |  |  |  |  |
| Sl. No. | Local Name                                 | Scientific Name  | Variety | Importance<br>(as economic, social, cultural etc.) | Status |  |  |  |  |  |  |  |  |
| 1       | Bhang                                      | Cannabis sativa  | Wild    | Economic, social                                   |        |  |  |  |  |  |  |  |  |
| 2       | Jungali anar                               | Punica granatum  | Wild    | Economic and social                                |        |  |  |  |  |  |  |  |  |
| 3       | Simlu                                      | Berberis lyceum  | Wild    | Economic, furnitures, fuels etc                    |        |  |  |  |  |  |  |  |  |
| 4       | Jungali Gulab                              | Rosa macrophylla | Wild    | Economic , cultural                                |        |  |  |  |  |  |  |  |  |

|                      | 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/       |  |  |  |  |
|                      | Scientific Maine               | v al lety | reatures  | Habitat | Past  | Present | USES |               | Other details | Knowledge Holder |  |  |  |  |
| Sona Machhli         | Barillius sp.                  |           | omnivorous body very long and much<br>compressed sides irregularly marked<br>with numerous incomplete oblique spots |         | Rare  | Common  |      |               |               |                  |  |  |  |  |

|         | Format-21 Wild Aquatic Plant Species of Importance |                        |         |                |        |  |  |  |  |  |  |  |  |
|---------|--|------------------------|---------|----------------|--------|--|--|--|--|--|--|--|--|
| 1       | 2  | 3                      | 4       | 5              | 6      |  |  |  |  |  |  |  |  |
| Sl. No. | Local Name   | Scientific Name        | Variety | Importance     | Trends |  |  |  |  |  |  |  |  |
| 1       | Kuth   | Saussurea lappa        | Herb    | Medicinal uses | Common |  |  |  |  |  |  |  |  |
| 2       | Patrees  | Aconitum heterophyllum | Herb    | Medicinal uses | Common |  |  |  |  |  |  |  |  |
| 3       | Banafsha   | Viola odorata          | Herb    | Medicinal uses | Common |  |  |  |  |  |  |  |  |
|         |  |                        |         |                |        |  |  |  |  |  |  |  |  |
|         |  |                        |         |                |        |  |  |  |  |  |  |  |  |

|              | Format-22 Wild Plants of Medicinal Importance |                        |         |             |       |                            |   |  |           |                 |                         |  |  |  |  |
|--------------|---|------------------------|---------|-------------|-------|----------------------------|---|--|-----------|-----------------|-------------------------|--|--|--|--|
| 1            | 2   | 3                      | 4       | 5           | 6     |                            | 7 | 8  | 9         | 10              | 11                      |  |  |  |  |
| Plant (Herb, | Local Name                                    | Scientific Name        | Variety | Landscape / | Local | Local Status Associated TK |   | Uses (usage)   | Part used | Other details   | Community/<br>Knowledge |  |  |  |  |
| Shrub, Tree) |   |                        |         | Habitat     | Past  | Present                    |   |  |           | market/ own use | Holder                  |  |  |  |  |
| Herb         | Patrees                                       | Aconitum heterophyllum | Herb    |             |       |                            |   | It is an excellent tonic for combating<br>ability after malarial & other fevers &<br>diseases                | Roots     |                 |                         |  |  |  |  |
| Herb         | Banafsha                                      | Viola                  | Herb    |             |       |                            |   | Flowers are used in perfumery & are<br>also used medicinally as demulcent and<br>biliousness & lungs trouble | Flower    |                 |                         |  |  |  |  |
| Herb         | Kuth  | Soussurea lappa        | Herb    |             |       |                            |   | Used in treatment of cough, asthma & fever.  | Root      |                 |                         |  |  |  |  |

|           | Format-23 Wild Relatives of Crops |                 |                     |              |           |         |                |            |         |             |  |  |  |  |
|-----------|-----------------------------------|-----------------|---------------------|--------------|-----------|---------|----------------|------------|---------|-------------|--|--|--|--|
| 1         | 2                                 | 3               | 4                   |              | 5         | 6       | 7              | 8          | 9       | 10          |  |  |  |  |
| Local     | Scientific                        | Associated cron | Landscape / Habitat | Local Status |           | Uses    | Part           | Associated | Other   | Community / |  |  |  |  |
| Name      | Name                              | Associated crop | Lanuscape / Habitat | Past         | Present   | (usage) | Used           | ТК         | details | Know holder |  |  |  |  |
| Ban khori | Aesculas indica                   | Akhrot          | Scattered           | Available    | Available |         | Fruit / leaves |            |         |             |  |  |  |  |
|           |                                   |                 |                     |              |           |         |                |            |         |             |  |  |  |  |
|           |                                   |                 |                     |              |           |         |                |            |         |             |  |  |  |  |
|           |                                   |                 |                     |              |           |         |                |            |         |             |  |  |  |  |

|               | Format-24 Ornamental Plants |         |                  |   |                  |                     |                                   |  |  |  |  |  |  |
|---------------|-----------------------------|---------|------------------|---|------------------|---------------------|-----------------------------------|--|--|--|--|--|--|
| 1             | 2                           | 3       | 4                | 5                                       | 6                | 7                   | 8                                 |  |  |  |  |  |  |
| Local<br>Name | Scientific<br>Name          | Variety | Habitat          | Commercial / Non-<br>commercial<br>Uses | Associated<br>TK | Any other<br>Detail | Community/<br>Knowledge<br>Holder |  |  |  |  |  |  |
| Gandera       | Nerium oleander             |         | Near the nalla's | Non-Commercial                          | N.A              | N.A                 |                                   |  |  |  |  |  |  |
|               |                             |         |                  |   |                  |                     |                                   |  |  |  |  |  |  |
|               |                             |         |                  |   |                  |                     |                                   |  |  |  |  |  |  |

|              | Format-25 Fumigate/Chewing Plants |                  |         |                 |       |         |                            |                 |            |               |                              |  |  |  |
|--------------|-----------------------------------|------------------|---------|-----------------|-------|---------|----------------------------|-----------------|------------|---------------|------------------------------|--|--|--|
| 1            | 2                                 | 3                | 4       | 5               |       | 6 7     |                            | 8               | 9          | 10            | 11                           |  |  |  |
| Plant (Herb, | Local                             | Scientific       | Variata | Web:4e4         | Local | Status  | Uses                       | Dent mend       | Associated | Other details | Community                    |  |  |  |
| Shrub, Tree) | Name                              | Name             | Variety | Habitat         | Past  | Present | (usage)                    | Part used       | ТК         | (mode of use) | knowledge holder             |  |  |  |
| Shrub        | Trimuru                           | Zanthoxylum      | _       | Forest          | Rare  | Rare    | use for teeth<br>Cleaning/ | Fruit, Branches | _          | _             | Generally, held by           |  |  |  |
| Sindo        | Timuru                            | aurmatum         |         | Torest          | Ture  | Ture    | Medicinal<br>Purpose       | Trut, Draienes  |            |               | community                    |  |  |  |
| Shrub        | brankad                           | Adha toda vesica |         | Locally present | Rare  | Rare    | Medicinal<br>purpose       | Flower          | -          | -             | Generally, held by community |  |  |  |
| Shrub        | Bana                              | Vitex negundo    | ,       | Locally present | Rare  | Rare    | use for teeth<br>Cleaning  | Branches        | -          | -             | Generally, held by community |  |  |  |
| Tree         | Kiker                             | Acacia Nilotica  | ,       | Forest          | Rare  | Rare    | use for teeth<br>Cleaning  | Branches        | -          | -             | Generally, held by community |  |  |  |

|            | Format-26 Timber Plants |              |        |         |                         |                          |               |                                |  |  |  |  |  |
|------------|-------------------------|--------------|--------|---------|-------------------------|--------------------------|---------------|--------------------------------|--|--|--|--|--|
| 1          | 1 2 3 4 5 6 7           |              |        |         |                         |                          |               |                                |  |  |  |  |  |
|            | Local Status            |              |        |         |                         |                          |               |                                |  |  |  |  |  |
| Local Name | Scientific Name         | Habitat      | Past   | Present | Other Uses, if any      | Associated TK            | Other Details | Community/ Knowledge<br>Holder |  |  |  |  |  |
| Besa       | Salix Alba              | Sub-tropical | Common | Common  | Roofing, furniture etc. | Whole for different uses |               | Communitiy/ Farmer             |  |  |  |  |  |
| Rein       | Quercus Incana          | Sub-tropical | Common | Common  | Roofing, furniture etc. | Whole for different uses |               | Knowledge holder               |  |  |  |  |  |
| Tung       | Cedrus deodara          | Forest       | Rare   | Rare    | Roofing, furniture etc. | Whole for different uses |               | Knowledge holder               |  |  |  |  |  |

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

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

|                    | Format - 28. Wild Animals (Mammals, Birds, Reptiles, Amphibians, Insects, others) |                          |         |             |                     |              |           |                |               |                        |                               |                  |
|--------------------|---|--------------------------|---------|-------------|---------------------|--------------|-----------|----------------|---------------|------------------------|-------------------------------|------------------|
| 1                  | 2   | 3                        | 4       | 5           | 6                   | ,            | 7         | 8              | 9             | 10                     | 11                            | 12               |
| Animal Local Norma | Local Name  | Scientific Name          | Habitat | Description | Season<br>when seen | Local Status |           | Uses (if any)  | Associated TK | Mode of<br>Hunting,    | Other details                 | Community/       |
| Туре               |   |                          |         |             |                     | Past         | Present   | Uses (II ally) | Associated TK | collecting (if<br>any) | Other details                 | Knowledge Holder |
| Mammal             | Black bear  | Ursus thibetanus         |         |             |                     | Available    | Available |                | Prohibited    |                        | Maintains forest<br>ecosystem |                  |
| Bird               | House crow  | Corvus<br>splendens      |         |             |                     | Available    | Available |                | Prohibited    |                        | Maintains forest<br>ecosystem |                  |
| Bird               | Koel  | Eudynamys<br>scolopaceas |         |             |                     | Available    | Available |                | Prohibited    |                        | Maintains forest<br>ecosystem |                  |

| Format 29: Flora |            |                 |                |              |                  |                              |  |  |
|------------------|------------|-----------------|----------------|--------------|------------------|------------------------------|--|--|
| 1                | 2          | 3               | 4              | 5            | 6                | 7                            |  |  |
| Sr. No.          | Local Name | Scientific Name | Type of Plants | Habitat      | Flowering Season | Remarks (Rare / Common etc.) |  |  |
| 1                | Bhang      | Cannabis sativa | Herb/Plant     | Sub-tropical | Sep-Oct          | Common                       |  |  |
| 2                | Akhrot     | Juglans regia   | Tree           | Sub-tropical | Aug-Sep          | Common                       |  |  |
| 3                | Besa       | Salix Alba      | Tree           | Sub-tropical | May-July         | Common                       |  |  |
| 4                | San        | Aesculus indica | Tree           | Sub-tropical | April-May        | Common                       |  |  |

| Format 30: Fauna |            |                    |   |          |                              |  |  |  |
|------------------|------------|--------------------|---|----------|------------------------------|--|--|--|
| 1                | 2          | 3                  | 5   | 6        |                              |  |  |  |
| Sr. No.          | Local Name | Scientific Name    | Type of Animals (Mammals / Birds / Fish /<br>Insect etc.) | Habitat  | Remarks (Rare / Common etc.) |  |  |  |
| 1                | Ghai       | Bos taurus         | Mammals   | Cow shed | Common                       |  |  |  |
| 2                | Manj       | Babalus bubalis    | Mammals   | Cow shed | Common                       |  |  |  |
| 3                | Kabutar    | Columba livia      | Birds   | Forest   | Common                       |  |  |  |
| 4                | Totaa      | Psittacula krameri | Birds   | Forest   | Common                       |  |  |  |

| Format 31: Any other information of local importance |                                 |         |  |  |  |  |
|--|---------------------------------|---------|--|--|--|--|
| 1  | 2                               | 3       |  |  |  |  |
| Sr. No.  | Information of local importance | Remarks |  |  |  |  |
|  |                                 |         |  |  |  |  |