

People Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Mong

Taluk: Dudu-Basantgarh

District: Udhampur

State / UT: J&K

Geographical Area of the Panchayat Samiti:

Population under the Panchayat Samiti: 1481

Male: 783

Female: 698

Habitat and Topography: Hilly

Climate (Rainfall, Temperature and weather patterns): Sub-tropical

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR Preparation: 18-08-2020

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

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: Shanto Devi

Age: 50 yrs

Gender: Female

Address: Mong

Area of specialization: Sarpanch

2) Name: Reva Devi

Age: 26 yrs

Gender: Female

Address: Mong

Area of specialization:

3) Name: Devi Kumari

Age: 30 yrs

Gender: Male

Address: Mong

Area of specialization:

4) Name: Rakesh Kumar

Age: 30 yrs

Gender: Male

Address: Mong

Area of specialization:

5) Name: Devi Raj

Age: 29 yrs

Gender: Male

Address: Mong

Area of specialization:

6) Name: Mohd Rafiq

Age: 34 yrs

Gender: Male

Address: Mong

Area of specialization: Fanda

7) Name: Rakesh kumar S/o Amar Nath

Age: 30 years

Gender: Male

Address: Mong

Area of specialization: Fanda

Annexure-2

List of Vaid, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village

1) Name:- Krishan Dev

Age: 62 yrs

Gender: Male

Address: Mong

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

2) Name: Sagar Chand S/o Sant Ram

Age:

Gender: Male

Address: Mong

Area of specialization: Human Specialist

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

3) Name:

Age:

Gender:

Address:

Area of specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal Use:

Annexure 3

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

1) Name of the Chairperson: Shero Ram

Age: 80 yrs

Gender: Male

Address: Mong

Area of specialization: Forestry

2) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

3) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

4) Name of the Chairperson:

Age:

Gender:

Address:

Area of specialization:

Annexure 4

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

1) Contact Person:

Name and Address:

2) Contact Person:

Name and Address:

3) Contact Person:

Name and Address:

4) Contact Person:

Name and Address:

You may add names of more institutions/NGO/Individuals etc, if necessary

Annexure 5

Detail of access to biological resources and traditional knowledge granted, details of the collection fee imposed and details of the benefit derived and the mode of their sharing

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

End of Part I

Part II
PBR – Formats
AGROBIODIVERSITY

Format 1: Crop Plants

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---------|--------------------------|------------|---------|---------------------|------------------------------|--------------|---------|--|-----------------|-------------|----------------------|---------------|---------------------------------------|-----------------------------|
| Crop | Scientific Name | Local Name | Variety | Landscape / Habitat | Approx. area shown (hectare) | Local Status | | Special features | Cropping season | Uses | Associated TK | Other details | Source of Seeds/Plants | Community/ Knowledge Holder |
| | | | | | | Past | Present | | | | | | | |
| Maize | <i>Zea mays</i> | Makk | | High lands | | Plenty | Rare | Tall variety High yield Resistant to drought, flood, pest & diseases | Kharif | Food Fodder | Provides more energy | - | Farmers / Department/ Private dealers | Farmers/ Department |
| Rajmash | <i>Phaseolus Vulgare</i> | Rajmah | | High lands | | | Rare | | | | | | | |
| Mustard | <i>Brassica Juneea</i> | Sarsoon | | High lands | | | Rare | | | | | | | |

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

Format 2: Fruit Plants

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
|---------|----------------------------|-------------|-------------|---------------------|--------------|---------|------------------------|--------------------|---------------|------|--------------------------------|------------------------------|
| Plant | Scientific Name | Local Name | Variety | Landscape / Habitat | Local Status | | Source of Seeds/Plants | Season of Fruiting | Associated TK | Uses | Other details market / own use | Community / Knowledge holder |
| | | | | | Past | Present | | | | | | |
| Apple | <i>Malus domestica</i> | Saib | Local | High land | Plenty | Plenty | Plant / Seed | July-Nov | | | Own use | Local |
| Apricot | <i>Prunus armeniaca</i> | Khubani | Local | Agri. Land | Plenty | Plenty | Seeds/Plant | Aug-Sep | | | Own use | Local |
| Pear | <i>Pyrus communis</i> | Naakh | Wild/ Local | Agri. Land | Plenty | Plenty | Plant | July-Oct | | | Own use | Local |
| Walnut | <i>Juglans regia</i> | Akhrot | Local,Kagzi | Agri. Land | Plenty | Plenty | Plant / Seed | Aug-Oct | | | Own use | Local |
| Plum | <i>Prunus domestica</i> | Alo bukhara | Local | Agri. Land | Plenty | Plenty | Seeds/Plant | July-Nov | | | Own use | Local |
| Peach | <i>Prunus persica</i> | Addu | Wild | Agri. Land | Plenty | Plenty | Seeds/Plant | Apr-May | | | Own use | Local |
| Dates | <i>Phoenix dactylifera</i> | Malook | | | Plenty | Plenty | | Jan-Feb | | | | |

Format 3: Fodder Crops / Species

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 |
|-------|-------------------------|------------|---------------------|--------------|----------|--------------------------|---|----------------------------|---------------|------------------------------|
| Plant | Scientific Name | Local Name | Landscape / Habitat | Local Status | | Source of Plants / Seeds | Associated TK | Part Used | Other details | Community / Knowledge holder |
| | | | | Past | Present | | | | | |
| Maize | <i>Zea mays</i> | Makki | Hilly | Abundant | Abundant | Farmers / Department | Nutritious & palatable fodder, Source of energy for animals | Above ground part of plant | Fodder | Farmers |
| Trees | <i>Ficus auriculata</i> | Trimbal | Hilly | Abundant | Abundant | Farmers / Department | Nutritious & palatable fodder, Source of energy for animals | Above ground part of plant | Fodder | Farmers |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

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 |
|-------|-----------------------|------------|---------------|--------|---------------------|--------------|-----------|-------------|--------------------|---------------|---------------------------|------------------------------|
| Plant | Scientific Name | Local Name | Affected crop | Impact | Landscape / Habitat | Local Status | | Uses if any | Management options | Associated TK | Other details like exotic | Community / Knowledge Holder |
| | | | | | | Past | Present | | | | | |
| Herb | <i>canabis sativa</i> | Bhang | | | | Available | Available | - | Medicinal | - | - | Local |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

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

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 market & location | Weekly (D)/ Fortnightly (D) / Monthly (D) / Biannual (M) / Annual (M) [1] | Types of animals bought and sold [2] | Types and Average Number of animals transacted in a day | Places from which animals are brought | Places to which the animals are sold / transported | Name and location of fish market | Types of fishes sold | Source of fish |
| Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Note: [1] (D) – day; (M) – month;

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

Major occupation may be farming. Sub-occupations could be fishing, collection of NTFP animal husbandry, artisans, services Examples of depending landscapes are agriculture landscape, rivers, forest etc.
Major resources accessed could be agriculture resources of different nature, fish, birds, water, mud, and etc
How the community manages the landscapes they use for satisfying different needs, their strategies and perception
How the community manages the resources they access for satisfying different needs, their strategies and perception, conflicts etc

Format 8: Landscape

| 1 | | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----------------------|------|-------------|---------------------------------|---------------------------|--|------------------------------|---------------|-------------|---|--------------------------|------------------------------------|---------------|--------------------|
| Major Landscapes | | | Sub - Landscapes | Features and approx. area | Ownership | General Flora | General Fauna | User groups | Management Practices | General Uses | Associated TK | Other Details | Community Accessed |
| Agricultural Land | Pond | Fallow Land | | | | | | | | | | | |
| Cultivated Land | - | - | Cultivated Land | | Agricultural Lands are privately owned | Wild Plants / Weeds | Insect | - | Ploughing, Sowing, weeding, hoeing, harvesting etc. | Food, Fooder, Fibre etc. | Medicinal, Traditional, Religious. | - | Self Observed |
| Non- Cultivated Land | - | - | Non- Irrigated Area/ State Land | | Agricultural Lands are privately owned | Wild Plants / Weeds | Insect | - | - | Fooder | Medicinal, Traditional, Religious. | - | Self Observed |
| Grazing Land | - | - | State Land | | Govt/Private | Wild Plants / Weeds/ Grasses | Insect | - | - | Fooder | Medicinal, Traditional, Religious. | - | Self Observed |

The above information is not exhaustive and relevant additional information to be filled up by the concerned departments.

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 Element Type | Sub- Type | Features and Approx Area | Ownership | General Flora | General Fauna | Major Uses | User Groups | Management Practices | General Uses | Associated TK | Other Details | Community Accessed |
| Stream | - | Direct small underground streams | Revenue/ Private Land | Mostly Ferns, Bryophytes, Pteridophytes | Amphibians | Daily household and drinking | All the people of the said area | Traditionally management practices for strengthening of bunds and deepning of tank beds | Drinking & Washing Clothes | - | - | General People of Village |
| Canals | - | From the bigger nalas | Revenue/ Private Land | All crops including fruits, vegetables & Flowers | Frog, Tadpoles, Fishes, Water snakes | Irrigation, Hydro Power, Chakki/ Gharats | Farmer | Small Check Dams | Irrigation, drinking of domestic animal | - | - | Local villagers |
| Nalas | - | Direct smal underground streams | Revenue/ Private Land | All crops including fruits, vegetables & Flowers | Frog, Tadpoles, Fishes, Water snakes | Irrigation | Farmer | Check Dams | Irrigation, drinking of domestic animal | - | - | Local villagers |
| | | | | | | | | | | | | |

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 |
| Sandy Soil | Brown/Red/Yellow | Well drained soil, adequate FYM & nitrogen content, prone to soil erosion due to steep slope | Sandy Loam | Kharif crops like Maize, Sorghum etc. Rabi crops like Wheat, Mustard etc. & other crops like cucurbits etc. | Flora: Fagada, Shisham, Dhaman, Retha, Sehtoot, Aru, Jamun, Gargle, Papita etc. Fauna: Billi, Dog, Cow, Sheep, Goat, Horse, Mule etc. | Religious/ Medicinal/ Traditional | - |
| Sandy Soil | Brown/Red/Yellow | Well drained soil, adequate FYM & nitrogen content | Sandy Clay Loam | Kharif crops like Maize, Paddy etc. Rabi crops like Wheat, Mustard etc. & other crops like cucurbits etc. | Flora: Fagada, Shisham, Dhaman, Retha, Sehtoot, Aru, Jamun, Gargle, Papita etc. Fauna: Billi, Dog, Cow, Sheep, Goat, Horse, Mule etc. | Religious/ Medicinal/ Traditional | - |

The above information is not exhaustive and relevant additional information to be filled up by the concerned departments.

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 |
|------------|------------|----------------------------|---------|-----------------------|--------------------------|--------------|---------|--------------|-----------|------------------|-----------------------------|----------------------------|
| Plant Type | Local Name | Scientific Name | Variety | Landscape/ Habitat | Source of plant/seeds | Local status | | Uses (usage) | Part used | Associated TK | Other details market/own | Community/ Know.Holders |
| | | | | | | Past | Present | | | | | |
| | Kathi | <i>Centella asiatica</i> | Wild | | | | | | | | | |
| | Kareer | <i>Punica granatum</i> | Wild | | | | | | | | | |
| | Rwari | <i>Morchella esculenta</i> | Wild | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

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

Format 14: Timber Plants / Trees

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 |
|------------|------------|----------------------------------|---------|--------------|-----------|-------------------|---|---------------|---------------|-------------------------|
| Plant Type | Local Name | Scientific Name | Habitat | Local status | | Wild/ Home-garden | Other uses (multi) | Associated TK | Other details | Community/ Know. holder |
| | | | | Past | Present | | | | | |
| Tree | Devdar | <i>Dalbergia sissoo</i> | | Available | Available | - | Wood used for Furniture and agricultural equipments | Medicinal | - | Self Observed |
| Trees | Fir | <i>Abies pindrow Spach</i> | | Available | Available | | | | | |
| Tree | Kail | <i>Pinus wallichiana Jackson</i> | | Available | Available | | | | | |
| Trees | Tosh | <i>Platanus orientalis</i> | | Available | Available | | | | | |

| | | | | | | | | | | |
|-------|-------|------------------------|--------------|-----------|-----------|--|--|--|--|--|
| Trees | Jamun | <i>Syzygium cumini</i> | Sub-tropical | Available | Available | | | | | |
|-------|-------|------------------------|--------------|-----------|-----------|--|--|--|--|--|

Format 15: Domesticated Animals

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 |
|-------------|------------|---------------------|----------------------|----------|-------------------|--------------|-----------|--------------|---------------------|--------------------|---|---------------------------|
| Animal Type | Local Name | Scientific Name | Breed (local/hybrid) | Features | Method of keeping | Local status | | Uses | Associated TK | Commercial Rearing | Other details including products and services | Community Know. Holders |
| | | | | | | Past | Present | | | | | |
| Cattle | Gaay | <i>Bosindicus</i> | Local | Humped | Semiintensive | Large | Less | Milk | Milk good for brain | Nil | Ghee, curd,Butter, kaladi,cheese | Farmer |
| | Jersey | <i>Bos Tarus</i> | Jersey Hybrid | Humpless | Stallfed | Less | Large | drought milk | Milk good for brain | Yes | Ghee, curd,Butter, kaladi,cheese | Farmer |
| | HF | <i>Bos Tarus</i> | Hforos | Humpless | Stallfed | Less | Large | drought milk | Milk good for brain | Yes | Ghee, curd,Butter, kaladi,cheese | Farmer |
| | Sahiwal | <i>Bosindicus</i> | Local | Humped | | Less | Large | drought milk | Milk good for brain | No | Ghee, curd,Butter, kaladi,cheese | Farmer |
| OX | Beal | <i>Bosindicus</i> | Local/Hybrid | Humped | Semiintensive | Large | Less | | Ploughing | No | Ploughing, carting | Farmer |
| Buffalo | Bhains | <i>Bubblous</i> | Local/Hybrid | Humpless | Semiintensive | Large | Less | Milk | Ploughing | No | Ploughing, carting | Farmer |
| | | <i>Bubalis</i> | | | | | | | | | | |
| | | <i>Bubalis</i> | | | | | | | | | | |
| Goat | Bakri | <i>Capra Hercus</i> | Local/Hybrid | - | Domesticated | Available | Available | Milk, Meat | - | Yes | Meat, Milk,Hide | Farmer, Bakerwal,shepherd |

| | | | | | | | | | | | | |
|-------|---------|---------------------|--------------|---|------------------|-----------|-----------|--------------|---|-----|-------------------|------------------------------|
| Sheep | Bhed | <i>Ovisovis</i> | Local/Hybrid | - | Domesticated | Available | Available | Meat | - | Yes | Meat and wool | Farmer, Bakerwal,shepherd |
| Dog | Kutta | <i>Cannis lupus</i> | Local/Hybrid | - | Pet/Domesticated | Available | Available | Guarding | - | No | Guarding/security | Individual |
| Cat | Billi | <i>Felis Catus</i> | Local | - | Domesticated | Available | Available | Pest Control | - | No | - | - |
| Horse | Ghorda | <i>Equscabalus</i> | Local/Hybrid | - | Domesticated | Available | Available | Drought | - | - | Drought, racing | Individual horse owner |
| Mule | Khachar | - | Local | - | Domesticated | Available | Available | Drought | - | - | drought | Mule Owner |
| | | | | | | | | | | | | |

Uses include milk, meat, skin, fur and etc

Format 16: Culture Fisheries

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | 10 | 11 | 12 |
|------------------------|------------------------------------|-------------------------|--------------|-----------|--------------------------------------|---|--|--------------------|------------------|-----------------------|---|-------------------------------------|
| Fish Type | Local Name | Scientific Name | Variety | Features | Waterscape (Pond/Bheri/ Talao) | Local status | | Uses | Associated TK | Commercial Rearing | Other details | Community Know. Holders |
| | | | | | | Past | Present | | | | | |
| Panchayat Barta | | | | | | | | | | | | |
| Carp | Rohu | <i>Labeo rohita</i> | IMC's | Bony Fish | (Pond/Bheri/ Talao) | Carp culture was taken up after the year 2002. | Carp Culture is being taken up with the facilitation of the department. | Human Food Fish | Partial | Yes | Mode of Catching Fish:- Drag Netting , Cast Netting etc., Breeding Time:- Monsoon season and Common Carp also breeds during the month of March and April. Fish Seed is procured from the differnet Farms of the Department. Traditionally Feeding is done by mixing Mustard Oil Cake Rice Bran, Wheat Bran,Crushed Maize etc. But now a days formulated pelleted feed is also available. | Yes, Among Farming Community. |
| | Mrigal | <i>Cirrhinus mrigla</i> | | | | | | | | | | |
| | Catla | <i>Catla catla</i> | | | | | | | | | | |
| | Common Carp | <i>Cyprinus carpio</i> | Exotic Carps | | | | | | | | | |
| Grass Carp | <i>Ctenopharyngodon idella</i> | | | | | | | | | | | |

Format 19: Wild Plant Species of Importance

| 1 | 2 | 3 | 4 | 5 | 6 |
|-------|--------------|-----------------------------|---------|---|-----------|
| S.No. | Local Name | Scientific Name | Variety | Importance (as Economic, Social, Cultural etc.) | Status |
| 1 | Jungli putna | <i>Mentha arvensis</i> | Wild | | Available |
| 2 | Kasrood | <i>Diplazium esculentum</i> | Wild | Pickles/ Vegetables | Available |
| 3 | Kringal | <i>Casia fistula</i> | Wild | Vegetables | Available |
| 4 | Kuth | <i>Saussurea costus</i> | Wild | Pickels | Available |
| 5 | Saral | | Wild | Medicinal | Available |
| | | | | | |

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 Holder |
| | | | | | Past | Present | | | | |
| Panchayat Barta | | | | | | | | | | |
| Mahseer | <i>Tor pitutora</i> | Wild, Fresh Water. | Bony, Fresh Water | Fresh water Streams & Rivers. | All Fish species were available. | Mahaseer is now a days is reported very few in catch. | Human Food Fish. Sport Fish (Mahaser and Trout) | Yes | Mode of Catching Fish:- Cast Net, Fishing Rod and Hook line. Breeding Time:- Breeds in Monsoon season. | Yes, Among Fishermen and Angling Community. |
| Keadie/Khrot | <i>Labeo spp.</i> | | | | | | | | | |
| Gauns | <i>Bagarius spp.</i> | | | | | | | | | |
| Channa | <i>Channa spp.</i> | | | | | | | | | |
| | | | | | | | | | | |
| Fresh Water eel | <i>Mastacembelus spp.</i> | | | | | | | | | |
| Frog (Mundak) | <i>Rana tigrana</i> | Wild | - | | | | | | | |

| | | | | | | | | | | |
|------|---------------------------|--|---|--|--|--|--|--|--|--|
| Jook | <i>Hirudo medicinalis</i> | | - | | | | | | | |
| Fish | | | - | | | | | | | |

Format 22: Wild Plants of Medicinal Importance

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 |
|---------------------------|------------|----------------------------|---------|---------------------|--------------|-----------|---------------|-----------------------------|-----------|-------------------------------|-----------------------------|
| Plant (Herb, Shrub, Tree) | Local Name | Scientific Name | Variety | Landscape / Habitat | Local Status | | Associated TK | Uses (usage) | Part used | Other details market/ own use | Community/ Knowledge Holder |
| | | | | | Past | Present | | | | | |
| | Kainth | <i>Pirus serotina</i> | | | Available | Available | own | Cough | Leaves | nil | Local |
| | Kareer | <i>Rosa acicularis</i> | | | Available | Available | Commercial | Posses medicinal properties | Leaves | Nil | Local |
| Tree | Rumbal | <i>Ficus racemosa</i> | | | Available | Available | | | | | |
| | Druni | <i>Punica protopunica</i> | | | Available | Available | | | | | |
| | Guchi | <i>Morchella esculanta</i> | | | Available | Available | | | | | |
| | Dhoop | <i>Jurinea dolomiaea</i> | | | Available | Available | | | | | |
| | Jamun | <i>Syzygium cumini</i> | | | Available | Available | | | | | |

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 Name | Scientific Name | Associated Crop | Landscape / Habitat | Local Status | | Uses (usage) | Part Used | Associated TK | Other details | Community / Know holder |
| | | | | Past | Present | | | | | |
| Herb | Chleri | <i>Amaranthus Spinosus</i> | | | | | | | | |
| Herbs | Jungli putna | <i>Mentha arvensis</i> | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

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

| 10 | 11 |
|--|---------------------------------------|
| Other details (mode of use) | Community knowledge holder |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | |
|--|--|
| | |
| | |
| | |

| | | | | | | | | | | |
|---------------|--------|--------------------------|--|--|--|--|--|--|--|--|
| House sparrow | Pigeon | <i>Passer domesticus</i> | | | | | | | | |
| | parrot | <i>Psittaciformes</i> | | | | | | | | |
| | Pigeon | <i>Columbidae</i> | | | | | | | | |

| 11 | 12 |
|---------------|-----------------------------------|
| Other details | Community/ Knowledge Holder |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | |
|--|--|
| | |
| | |
| | |

Format 29: Flora

URBAN BIODIVERSITY

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 |
|---------|------------|---------------------------|----------------|--|---------|------------------|------------------------------|
| Sr. No. | Local Name | Scientific Name | Type of Plants | | Habitat | Flowering Season | Remarks (Rare / Common etc.) |
| 1 | Fagada | <i>Ficus palmata</i> | Tree | Scattered tree found in village area | Mar-Apr | Common | |
| 2 | Retha | <i>Sapindus mukorossi</i> | Tree | Sub-tropical/Mostly found in villages | Feb-Mar | Common | |
| 3 | Kharak | <i>Celtis australis</i> | Tree | Sub-tropical | Oct-Nov | Common | |
| 4 | Aru | <i>Prunus persica</i> | Tree | Temperate/Scattered tree found in village area | Feb-Mar | Common | |
| 5 | Flai | <i>Acacia nilotica</i> | Tree | Sub-Tropical | | Common | |
| 6 | Jamun | <i>Syzzium cumini</i> | Tree | Sub-Tropical | Mar-Apr | Common | |
| 7 | Draink | <i>Melia azedarach</i> | Tree | Sub-Tropical | Nov-Dec | Common | |
| 8 | Papita | <i>Carica papaya</i> | Tree | Sub-Tropical | Feb-Mar | Common | |
| 9 | Simbal | <i>Bombyx ceiba</i> | Tree | Sub-Tropical | Feb-Mar | Common | |

| | | | | | | | |
|----|-----------|-----------------------------|-------|--------------|---------|--------|--|
| 10 | Bael | <i>Aegel marmelos</i> | Tree | Sub-Tropical | Feb-Mar | Common | |
| 11 | Safeda | <i>Eucalyptus globulus</i> | Tree | Sub-Tropical | Mar-Apr | Common | |
| 12 | Bana | <i>Vitex negundu</i> | Shrub | Sub-Tropical | Feb-Mar | Common | |
| 13 | Jajooli | <i>Mucuna Pruriens</i> | Shrub | Sub-Tropical | Oct-Nov | Common | |
| 14 | Kewda | <i>Agave americans</i> | Shrub | Sub-Tropical | - | Common | |
| 15 | Aloe vera | <i>Aloe vera</i> | Shrub | Sub-Tropical | - | Common | |
| 16 | Khabbal | <i>Cyanodon dactylon</i> | Grass | Sub-Tropical | - | Common | |
| 17 | Dilla | <i>Centipedde</i> | Grass | Sub-Tropical | - | Common | |
| 18 | Baru | <i>Sorghum Halepense</i> | Grass | Sub-Tropical | - | Common | |
| 19 | Trumba | <i>Fegopyrum esculentum</i> | Grass | Temperate | - | Common | |

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 | <i>Scientific Name</i> | Type of Animals (Mammals / Birds / Fish / Insect etc.) | Habitat | Remarks (Rare / Common etc.) |
| 1 | Billi | <i>Felis Bengalensis</i> | Mammals | Terrestrial | Common |
| 2 | Ged | <i>Canis aureus</i> | Mammals | Terrestrial | Common |
| 3 | Ged | <i>Vulpes bengalensis</i> | Mammals | Terrestrial | Common |
| 4 | Bandar | <i>Innuus rhesus</i> | Mammals | Arboreal/ Lives near habitation | Common |
| 5 | Khadkanu | <i>Lepus nigricollis</i> | Mammals | Terrestrial/ tropical | Common |
| 6 | Newla | <i>Herpestes edwarsi</i> | Mammals | Terrestrial, tropical and temperate | Common |
| 7 | Sae | <i>Hystrix indica</i> | Mammals | Grassland and mountain | Common |
| 8 | Chua | <i>Rattus rattus</i> | Mammals | Temperate, Terrestrial and tropical | Common |
| 9 | Chamgadam | <i>Chiroptera</i> | Mammals | Temperate, Terrestrial and tropical | Common |
| 10 | Cow | <i>Bos taurus</i> | Mammals | Domestic | Common |
| 11 | Buffalo | <i>Babalus bubalis</i> | Mammals | Domestic | Common |
| 12 | Goat | <i>Capra aegagrus</i> | Mammals | Domestic | Common |
| 13 | Sheep | <i>Ovis aries</i> | Mammals | Domestic | Common |
| 14 | Domestic Fowl | <i>Gallus gallus</i> | Mammals | Domestic | Common |
| 15 | Horse | <i>Equus caballus</i> | Mammals | Domestic | Common |

| | | | | | |
|----|--------------|---------------------------------|----------|-------------------------------------|--------|
| 16 | Mule | <i>Equus asinus</i> | Mammals | Domestic | Common |
| 17 | Dog | <i>Canis lupus familiaris</i> | Mammals | Domestic | Common |
| 18 | Chakoor | <i>Alectoris chukar</i> | Birds | Domestic | Common |
| 19 | Kerli | <i>Hemidatylus frenatus</i> | Reptiles | Wild | Common |
| 20 | Khoo | <i>Varauns Bangalensis</i> | Reptiles | Wild | Common |
| 21 | Dhaleda | <i>Chamaeleo zeylanicus</i> | Reptiles | Wild | Common |
| 22 | Chiri | <i>Passer domesticus</i> | Birds | Temperate/Terrestrial | Common |
| 23 | Kaa | <i>Corvus brachyrhynchos</i> | Birds | Temperate/Terrestrial | Common |
| 24 | Totaa | <i>Psittacula krameri</i> | Birds | Terrestrial/Freshwater | Common |
| 25 | Ell | <i>Gyps bengalensis</i> | Birds | Temperate/Terrestrial | Common |
| 26 | Lundhi | <i>Haliaeetus leucocephalus</i> | Birds | Temperate | Common |
| 27 | Kabutar | <i>Columba livia</i> | Birds | Arboreal | Common |
| 28 | Mor | <i>Pavo cristatus</i> | Birds | Terrestrial, tropical and temperate | Common |
| 29 | Gatari | <i>Acridotheres tristis</i> | Birds | Terrestrial, tropical and temperate | Common |
| 30 | Bulbul | <i>Pycnonotus leucogenys</i> | Birds | Arboreal | Common |
| 31 | Tarkhan | <i>Melanerpes formicivorus</i> | Birds | Arboreal | Common |
| 32 | Kala Titar | <i>Melanoperdix niger</i> | Birds | Wild | Common |
| 33 | Babbler | <i>Turdoides striata</i> | Birds | Wild | Common |
| 34 | Barn swallow | <i>Hirundo rustica</i> | Birds | Terrestrial, tropical and temperate | Common |
| 35 | Pinja | <i>Terpsiphone Paradisi</i> | Birds | Wild | Common |
| 36 | Mendak | <i>Rana tigrina</i> | Amphibia | Wild | Common |
| 37 | Jook | <i>Hirudinea</i> | Amphibia | Wild | Common |

| | | | | | |
|----|----------------|----------------------------------|----------|-----------------------|--------|
| 38 | Sarkeed | <i>Brachyura</i> | Amphibia | Aquatic | Common |
| 39 | Songla | <i>Periplaneta americana</i> | Insects | Near Habitation | Common |
| 40 | Passfail | <i>Coccinella septumpunctata</i> | Insects | Terrestrial/Temperate | Common |
| 41 | Trida | <i>Orthoptera caelifera</i> | Insects | Wild | Common |
| 42 | Timba | <i>Anisoptera</i> | Insects | Wild | Common |
| 43 | Blister beetle | <i>Mylabris pustulata</i> | Insects | Wild | Common |
| 44 | Gilhari | <i>Funabulus Palmarum</i> | Rodent | Wild | 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) Terrestrial (land) habitat

habitat and

Format 31: Any other information of local importance

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

End of Part II