People Biodiversity Register (PBR): General Details

| Name of the Panchayat Samiti:-Badakana Mr. Mohd. Nazr ul Qayoom |
|---|
| Taluk: Panglarh |
| District:Rajouri |
| State:Jammu And Kashmir |
| Geographical Area of the Panchayat Samiti: 966.18 |
| Population under the Panchayat Samiti: Total 2500 |
| Male: 1500 Female:1000 |
| Habitat and Topography:Hilly & Slopy |
| Climate (Rainfall, Temperature and weather patterns) RainFall - Moderate Rainfall |
| Land Use (Nine fold classification available with village records) |
| Date, Month and Year of PBR Preparation 2020-21: 10-08-2021 |
| Management Regime: Reserve Forest (RF/Joint Forest Management(JGM)/Protected Areas(PA)/ Community Owned and Managed Forest(COM) |

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:Sobia Shaheen Mohd. Nazr ul Qayoom Age: 40 years Gender: Male Address:Badakana Area of specialization: Agriculture 2) Name: Mohd Razaq Age:72 Gender:Male Address:Badakana Area of specialization: 3)Name:Kalsoom Fatima Age:46 Gender:Female Address:Badakana Area of specialization: 4)Name:Mohd Nasir Age:42 Gender:Male Address:Badhal-A Area of specialization: 5)Name:AbdulQayoom Age:76 Gender:Male Address:Badakana Area of specialization: 6)Name:Shabanaz Kouser Age:29 Gender:Female Address:Badhal-A Area of specialization: 7)Name:Remaz Iqbal Age:30 Gender:Male Address:Badakana Area of specialization:

| List of Vaids, hakims and traditional health care (Human and livestock) practitioners residing and or using biological resources occurring within the jurisdiction of the village |
|---|
| 1) Name : Mohd. Tufail |
| Age: 75 years |
| Gender: Male |
| Address: Badakana |
| Area of specialization: Hakim |
| Location from which the person accesses biological material: Badakana |
| Perception of the practitioner on the resource status: |
| Medicinal Use: Roh. Afza, Sundal, Safi, (Skin factor) |
| |
| 2) 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: |
| |
| 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: |

| List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries, and foresty |
|---|
| 1) Name of the Chairperson: Mohd. Kaleem Ashraf |
| Age: 24 years |
| Gender:Male |
| Address:Badkana |
| Area of specialization: Forest & Fisheries |
| 2) Name of the Chairperson:Maneer Hussain |
| Age:65 |
| Gender:Male |
| Address:Badakana |
| Area of specialization: |
| 3) Name of the Chairperson:Mohd Aslam |
| Age:60 |
| Gender:Male |
| Address:Badakana |
| Area of specialization: |
| 4) Name of the Chairperson: |
| Age: |
| Gender: |
| Address: |
| Area of specialization: |

| | etails of schools, colleges, departments, universities, government institutions, non-governmental organization and dividuals involved in the preparation of the PBR |
|----|---|
| 1) | Contact Person:Rural Development Department |
| | Name and Address:Remaz Iqbal (Secertary Panchayat) |
| 2) | Contact Person: |
| | Name and Address: |
| 3) | Contact Person: |
| | Name and Address: |
| 4) | Contact Person: |
| | Name and Address: |
| Y | ou may add names of more institutions/NGO/Individuals etc, if necessary |

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 |
|------|--|--|---|----------------------------------|--|
| | Nil | Nil | Nil | Nil | Nil |
| | Nil | Nil | Nil | Nil | Nil |
| | Nil | Nil | Nil | Nil | Nil |
| | Nil | Nil | Nil | Nil | Nil |
| | Nil | Nil | Nil | Nil | Nil |
| | Nil | Nil | Nil | Nil | Nil |
| | Nil | Nil | Nil | Nil | Nil |
| | Nil | Nil | Nil | Nil | Nil |
| | Nil | Nil | Nil | Nil | Nil |
| | Nil | Nil | Nil | Nil | Nil |

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 | Variety | | Approx. area | Loca | l Status | - Special features | Cropping | Uses | Associated TK | Other | Source of | Community/ Knowledge |
| Стор | Sciencine (vaine | Name | ame | / Habitat | shown | Past | Present | | season | CSCS | 71550011100 711 | details | Seeds/Plants | Holder |
| Rice | Oryza sativa | Tayin | K-39,K-343, G-14 | Slopy | 2000 Ha. | Normal | Improved | Medium height, resistant to draught, | Kharif | Food /Fodder | Stapple food | | Agri Dept. | Farmers |
| Maize | Zia mays | Makk | Rasi4794, Kh517, Kh-612, DD | Hilly & lower hills | 2500 На | Plenty | Plenty | HYV, Resistant to draught ang lodging | Kharif | Food /Fodder | Stapple food | | Agri Dept. | Farmers |
| Wheat | Triticum aestivum | Kanak | Raj 3765, HD 2967, HD 3086, | Hilly & lower hills | 2500 На | Plenty | Plenty | HYV, Draught resistant, Shaort duration | Rabi | Food / Fodder | Stapple food | | Agri Dept. | Farmers |
| | Vegetables | | | | | | | | | | | | | |
| Okra | Avenmoschus esculentus | Bhindi | Arka Anamika, Versha Uphar, PS, PK, | sub tropical & intermediate | | Normal | Normal | Green Veg | Kharif | Green Veg | Green Veg | - | Agri Dept/ Local | Farmers |
| Brinjal | Solanum melongena | Bangun | PPL,PPC, PH4, BR112 | sub tropical & intermediate | | Normal | Normal | Green Veg | Kharif | Green Veg | Green Veg | - | Agri Dept/ Local | Farmers |
| Brottle Gourd | Legenaria siceraria | Kaddu | PSPL, Punjab Komal | sub tropical & intermediate | | Normal | Normal | Green Veg | Kharif | Green Veg | Green Veg | - | Agri Dept/ Local | Farmers |
| Tomato | Solanum lycopersicum | Tamater | Pusa Rubi,Pusa Early Dwarf, Manisha Plus/ local | Sub Tropical & intermediate | | Normal | Normal | - | Kharif | Rich in Ascorbic acid | Tomatoes are rich in iron & vitamins A and C, calcium, potassium. | Used as Vegetable, Salad, Soup | Agri Dept/ Local | Farmers |

| Onion | Allium cepa Pyaj | Pusa Red, Nasik Red, N-53, Liberty | Cool weather at vegetative stage followed by warm weather at Bulb Stage | Not | ormal | Normal | - | Rabi | Vegetable & Salad use | Good source of dietary fiber,Vitamin B6,C,Potashium and folic acid. | - | Agri Dept/ Local | Farmers | |
|-------|------------------|---------------------------------------|---|-----|-------|--------|---|------|--------------------------|---|---|---------------------|---------|--|
|-------|------------------|---------------------------------------|---|-----|-------|--------|---|------|--------------------------|---|---|---------------------|---------|--|

Format 2: Fruit Plants

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---------------|-------------------------------|--|---|---------------------------|--------------|---------|---------------------------|---------------------|------------|----------------------------------|---------------------|---------------------|
| Plant | Scientific Name | Local Name | Variety | Landscape / | Local Status | | Source of | Season of | Associated | TI | Other details | Community / |
| Plant | | | | Habitat | Past | Present | Seeds/Plants | Fruiting | TK | Uses | market / own use | Knowledge holder |
| Citrus fruits | Citrus Spp. | Khatti, Galgal, Nimbu, Santra, Kinnow, Mosambi etc. | Local selection, Kagzi Lime, Italian Lime, Hill Lemon etc. | subtropical, mid hills | Low | Low | Nurseries | through out year | | Fruit,Pickling, Squashes etc. | Marketing, own use | |
| Guava | Psidium guajava | Amrood | Local, L-49, Allahabadi Safeda etc. | subtropical | Normal | Normal | Nurseries | July-August | | Fruit | Marketing, own use | |
| Apple | Malus x domestica Borkh. | Sabe | Red Delcious, Golden Delocious, Maharaji, American etc. | Temperate | rare | Rare | Nurseries | Aug- Oct. | | fruit, value addition | Marketing , own use | |
| Pear | Pyrus spp. | Nakh | Patharnakh, China pear | Mid hill | plenty | Rare | Nurseries | Aug-Sept | | Fruit | own use | |
| Peach | Prunus persica(L.) Batsch. | Aaroo | July Elberta, Quetta | mid hill | rare | Rare | Nurseries | June-July | | Fruit | Marketing , own use | |
| Walnut | Juglans regia | Akrote | Burzal, Kagzi, hard shelled | Temperate | plenty | Rare | Nurseries, locally raised | sept-Oct | | Dry fruit | Marketing , own use | |

Format 3: Fodder Crops / Species

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |
|---------|---------------------------|---------------|--------------------------------|--------------|----------|--------------------------|--------------------------------|-------------|--|------------------|
| Plant | Scientific | Local | Landscape / Habitat | Local Status | | Source of Plants / Seeds | Associated | Part | Other details | Community / |
| Fiant | Name | Name | Lanuscape / Habitat | Past | Present | Source of Frants / Seeus | TK | Used | Other details | Knowledge holder |
| Oats | Avena sativa | Javi | Sub Tropical / Intermediate | Rare | Normal | Agri Dept /Local | Nutritious & palatable fodder, | Whole plant | Suitable for fodder | Farmers |
| Sorghum | Sorghum spp | Charry/ Jawar | Sub Tropical / Intermediate | Rare | Rare | Agri Dept /Local | Source of energy | Whole plant | Suitable for fodder | Farmers |
| Barseem | Trifolium alexandrinum | Shattal | Sub Tropical / Intermediate | Rare | Abundant | Agri Dept /Local | Nutritious & palatable fodder | Whole plant | Suitable for fodder | Farmers |
| Chilli | Capsicum annuum | Mirch | Sub Tropical / Intermediate | Rare | Abundant | Agri Dept /Local | Viilage Head | Dry fruit | Contains good ammount of vitamin A&C | Farmers |
| Garlic | Allium Sativum | Thom | Sub Tropical / Intermediate | Rare | Abundant | Agri Dept /Local | Medicinal value | Clove | Spice use | Farmers |

Format 4: Weeds

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 9 | 10 | 11 | 12 |
|-------------|-----------------------------|-------------------|--|---|-------------------------------|---------------|-------------|-------------------------|------------------------------|--|----------------------------|-------------|
| Plant | Scientific Name | Local Name | Affected crop | Impact | Landscano / Habitat | Local | Status | Uses if any | Management options | Associated TK | Other details | Community / |
| Tiant | Scientific Name | Local Ivallie | Il Name Affected crop Impact Landscape / Habitat Past Present Uses i | Oses II ally | wanagement options | Associated 1K | like exotic | Knowledge holder | | | | |
| Guli Danda | Philaris minor | Sitti | Wheat | Compete with crop | Sub Tropical/ intermediate | Plenty | Plenty | Nil | Chemical / Manual Control | Source for High quality protein | Local | Farmers |
| Parathenium | Parthenium hysterophorus | Congress grass | All crops | Alellopathy effect, reduce yield | Sub Tropical/ intermediate | Rare | Plenty | Nil | Chemical / Manual Control | Abnoxious weed difficult to manage | Exotic | Farmers |
| Bathua | Chinopodium album | Bathua | Wheat, Vegetables | Compete with main crops for space and nutrients | Sub Tropical/ intermediate | Plenty | Plenty | Leavy vegetable | Chemical Control | Rich Source of protein,Vit. A, Calcium , Phosporous & potash | Used as green vegetable | Farmers |
| Bhang | Cannabis sativa | Bhang | Maize, Wheat, Vegetables | Alellopathy effect, Compete with crops | Sub Tropical/ intermediate | Plenty | Plenty | psychoactive effects | Chemical / Manual Control | intoxicating causes dehydration, nausea and headache | Local | Farmers |

Format 5: Pests of Crops

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------|------------------|-------------------------|---------------|----------------------------|-------------------------|-------------------------------|------------------|--|-------------------------------|
| Host | Insect / Animal | Scientific name | Local name | Habitat | Time / season of attack | Management mechanism | Associated TK | Other details | Community knowledge holder |
| Rice | Rice Hispa | Dicladispa armigera | Kali Pundi | Sub Tropical/ intermediate | Kharif | Chemical control | - | Feed on crop leaves | Farmers |
| Rice | Stem Borer | Scirepophaga incertulas | Dhain ka Kida | Sub Tropical/ intermediate | Kharif | Chemical control | - | Feed on crop leaves | Farmers |
| Maize | Blister Beetle | Mylabris phalerata | Bhundi | Sub Tropical/ intermediate | Kharif | Chemical control | - | Feed on crop leaves | Farmers |
| Maize | Cut Worm | Agrotis spp | Makki da kida | Sub Tropical/ intermediate | Kharif | Chemical control | - | Feed on crop leaves | Farmers |
| Maize | Maize stem Borer | Chilo partellus | Sundi | Chewing & bitting | July to sept | Mechanical& Chemical measures | - | Causes dead hearts in young plants | Farmers |
| Brijal/ Tomato | Fruit Borer | Helicoverpa armigera | Sundi | Sub Tropical/ intermediate | Kharif | Chemical control | 1 | Feed on crop leaves | Farmers |
| Wheat, Maize, Rice | Rat | Tatera indica | Chuha | Sub Tropical/ intermediate | Kharif/ Rabi | Chemical control | - | Feed on crop leaves | Farmers |
| Miaze, Potato | Porcupine | Erethizon dorsatum | Seh | Sub Tropical/ intermediate | Kharif/ Rabi | NA | - | Feed potato tubers, vegetales and cobs | Farmers |
| | | | | | | | | | |

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

Format 7: Peoplescape

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|------------------------|--------------------------------|-----------------|------------------------|--|-----------------------------------|-------------------------------|-----------------|------------------|-----------------------|------------|
| Community & Population | Families & Major occupation | Sub- occupation | Depending Landscape | Major resources accessed and seasons of access | Landscape management practices | Resource management practices | Cast / tribe | Social condition | Nature of inhabitants | No. of HHs |
| Muslim - 2500 | 1500 - Farmer | Agriculture | Agriculture | | | | | | | |
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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 |
|----------------------|-------------------|-------------|------------------|-----------------|------------|---------------|---------------|-------------|-------------------------|--------------|---------------|---------------|-----------|
| Ma | ijor Landsc | | | Feature s and | | | | | Managamant | | | | Community |
| Agricultural land | Pond | Fallow land | Sub - Landscapes | approx. area | Ownershi p | General flora | General fauna | User groups | Management practices | General uses | Associated TK | Other details | accessed |
| A | Agricultural land | | | | Private | Chikri | Jackal | | Well | Agriculture | | | Pahari |
| 5000 ha | 7 | 5000 Ha | | | | | | | | | | | |
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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 |
| Bowlis & Nallah from hilly area Upper Badkana | Kull & Tap water | | | | | | | | | | | |
| Badakana Kas | | Foothill of mountain | Govt. | Algae, Fungi | Tadpole, Cockroach, Fish, Snails, Snakes, Earth worms | | | Govt. | Irrigation | | | |
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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 | Brown (light) | No. Irrigation | Farmer | Banna, Simlu | Same | Nil | Nil |
| Aluvial | Black | Agriculture | Farmer | Agriculture plants | Same | | |
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Format 11: Fruit Trees

| 1 | 2 | 3 | 4 | 6 | , | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|------------|------------|------------------|---------|------------|-------|---------|----------------|-----------|--------------|----------------|-----------------------------|--------------|
| Plant Type | Local Name | Scientific Name | Variety | Landscape/ | Local | Status | Source of | Season of | Usos (usogo) | Associated TK | Other details market/own | Community/ |
| riant Type | Local Name | Scientific Name | variety | Habitat | Past | Present | plant/seeds | Fruiting | Uses (usage) | Associated 1 K | use | Know. holder |
| | Amrood | Pidium guajava | Local | | Rare | Common | Nurseries | | | | | |
| | Walnut | Juglans regia | Local | | Rare | Common | Nurseries | | | | | |
| | Khubani | Prunus armeniaca | Local | | Rare | Common | Nurseries | | | | | |
| | Khatti | Citrus spp | Local | | Rare | Common | Locally raised | | | | | |
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Format 12: Medicinal Plants (Herbs, Shrubs, Trees etc.)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
|------------|------------|---------------------|----------|------------|-----------------------|------|----------|---------------|-------------|---------------|-----------------------------|------------------|
| Dlant Type | Local Name | Coionáifia Nama | Vaniates | Landscape/ | Source of plant/goods | | status | Ligas (usaga) | Dowt wood | Associated TV | Other details market/own | Community/ |
| Plant Type | Local Name | Scientific Name | Variety | Habitat | Source of plant/seeds | Past | Present | Uses (usage) | Part used | Associated TK | market/own use | Know. Holders |
| | Simlu | Berberis lyceum | Local | Forest | | Rare | Improved | | Whole Plant | | | |
| Herb | Pudina | Mentha spp. | Local | Forest | | Rare | Improved | | Whole Plant | | | |
| Shrubs | Bhang | Canabis sativia | Local | Forest | | Rare | Improved | | Whole Plant | | | |
| | Sap mak | Arisaema Tortulosum | Local | Forest | | Rare | Improved | | Whole Plant | | | |
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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 13: Ornamental Plants/ Trees/Climbers etc.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|------------|------------|-----------------|---------|-----------------------|--------------------------------|--------|---------------|---------------|----------------------------|
| Plant Type | Local Name | Scientific Name | Variety | Source of plant/seeds | Commercial/ non- commercial | Uses | Associated TK | Other details | Community/ Know. holder |
| Climbers | Pulwari | Rosa asclloris | Local | natural | Non.Com | flower | | | |
| shrubs | Rose | Rosa indica | Local | Cutting | Comm. | flower | | | |
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Format 14: Timber Plants / Trees

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |
|------------|------------|-------------------------|-----------|--------|---------|--------------------|--------------|---------------|---------------|-------------------------|
| Diama Tama | T 1 N | S. J. W. W. | H-bit-4 | Local | status | W21.1/ b | Other | Associated TV | Other details | Community/Variation |
| Plant Type | Local Name | Scientific Name | Habitat | Past | Present | Wild/ home- garden | uses (multi) | Associated TK | Other details | Community/ Know. holder |
| Tree | Mannu | Ulmus wallchiana Planch | Forest | Common | Common | | Furniture | | | |
| Tree | Badah | Salix alba | Home area | Common | Common | | Fire, Fodder | | | |
| Tree | Popular | Populus ciliata | Forest | Common | Common | | Furniture | | | |
| Tree | Rein | Quercus oblongata | Forest | Common | Common | | Furniture | | | |
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Format 15: Domesticated Animals

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
|-----------------|------------|----------------------------|---|---|--------------|------------|------------|-------------------------------|----------------|------------|---|--------------------|
| Animal Type | Local Name | Scientific Name | Breed (local/ | Features | Method of | | cal tus | Uses | Associated TK | Commercial | Other details including products and | Community Know. |
| Ammai Type | Local Name | Scientific Name | hybrid) | reatures | keeping | Past | Present | Uses | Associated 1 K | rearing | services | Holders |
| Small Ruminants | Sheep Goat | Ovis aries Capra hircus | Cross Breed Bakarwali Kagani Beetal Poonchi | Polled ewes Horned Rams v-shaped Nose drooping ear sturdy excellent climbers | Conventional | sufficient | sufficient | Mutton chevon Milk Wool | Lohi Namda | No | Wool mutton chevon Milk skin Department provide necessary Medical coverage and sufficient system of rearing | Yes |
| | Cow | bos taurus | | | Conventional | Rare | Common | | | | | |
| | Horse | Equus Caballus | | | Conventional | Rare | Common | | | | | |
| | Goat | Capra Aegagrus | | | Conventional | Common | Rare | | | | | |
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Uses include milk, meat, skin, fur and etc

Format 16: Culture Fisheries

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
|-----------|------------|-----------------|---------|----------|----------------------------------|-------|---------|------|---------------|--------------------|---------------|----------------------------|
| Et la Te | I IN | C. C. N | Y | F. 4 | Waterscape | Local | status | | A LITTE | | 041 14 7 | Community Know. |
| Fish Type | Local Name | Scientific Name | Variety | Features | Waterscape (pond/bheri/talao) | Past | Present | Uses | Associated TK | Commercial rearing | Other details | Community Know. Holders |
| Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
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Note: Other details include mode of catching fish, time of availability, breeding time, feeds and etc

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-------------------------------------|----------|--|----------|---|---------------------------------|--|---|---|
| Name of the Weekly Market / Fair | Location | Weekly / Fortnightly & Others Bi-annual / Annual | Day held | Month incase of bi-annual or annual market fair | Types of animal bought and sold | Number of animals (average) transacted in a day | Places from where the animals are arrived | Places to where the animals are transported |
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Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 |
|------------|------------|------------------|-------|---------|------|-----------|------------------|----------------|---------------|---------------|------------------|
| Dlant Tune | Local Name | Caiontifia Nama | Habit | Habitat | Loc | al status | Commercial / own | Dowt collected | Acceptated TV | Othor dotails | Community |
| Plant Type | Local Name | Scientific Name | нави | Habitat | Past | Present | use | Part collected | Associated TK | Other details | Knowledge Holder |
| Tree | Chir | Pinus roxburghii | | Forest | Good | Good | own use | Wood | | | well |
| | Kikar | Acacia | | Forest | Good | Good | own use | | | | |
| | Safeeda | Populas | | Forest | Good | Average | own use | | | | |
| | Bana | vitex negando | | Forest | Good | Good | own use | | | | |
| Shurb | Phulwari | rosa ascularis | | Forest | Good | average | own use | | | | |
| | Simblu | berberies lycium | | Forest | Good | average | own use | | | | |
| Tree | Drake | Malia azdarach | | Forest | Good | average | own use | | | | |
| | Toot | Morus alba | | Forest | Good | average | own use | | | | |
| | batangi | pyrus pashia | | Forest | Good | Average | own use | | | | |
| | Manu | Ulmus Walichana | | Forest | Good | average | own use | | | | |
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Format 19: Wild Plant Species of Importance

| 1 | 2 | 3 | 4 | 5 | 6 |
|---------|------------|------------------|---------|---|--------|
| Sl. No. | Local Name | Scientific Name | Variety | Importance (as economic, social, cultural etc.) | Status |
| 1 | chir | Pinus roxburghii | | Timber | |
| 2 | Oak | Quercus Incana | | Timber | |
| 3 | Drake | Melia azadarach | | Timber | |
| 4 | Mannu | Ulmus Walichiana | | Timber | |
| 5 | Tooni | Toona ciliata | | Timber | |
| 6 | Kikar | Accia nelotica | | wood | |
| 7 | Bisa | Salix alba | | wood | |
| 8 | Safeeda | Eucalptus | | Timber | |
| 9 | Toot | Morus alba | | wood | |
| 10 | Bana | Vitex negundo | | wood | |
| 11 | dhaman | Grewia optiva | | fodder | |
| 12 | Phagora | Ficus palmata | | wood | |
| 13 | Kanthi | Pyrus pashia | | | |
| 15 | Phalwari | Rosa aesculars | | | |
| 16 | Simlu | Berberies lycum | | | |

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/ |
| Local Name | Scientific Name | Variety | reatures | нарцац | Past | Present | Uses | Associated 1 K | Other details | Community/ Knowledge Holder |
| Cho | Nasturtium officinala | Local | | water bodies | Good | Abundant | For vegetable | Medical purpose | | |
| Mendak/meenk | Rana tigrina | Local | | water bodies | Common | Common | Maintain Aquatic Food chain | | | |
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Other details may include mode of catching fish, time of availability, breeding time, etc

Format 21: Wild Aquatic Plant Species of Importance

| 1 | 2 | 3 | 4 | 5 | 6 |
|---------|------------|-----------------|---------|---------------------|--------|
| Sl. No. | Local Name | Scientific Name | Variety | Importance | Trends |
| | Swal | Phytoplanktons | Local | Maintain Food chain | |
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Format 22: Wild Plants of Medicinal Importance

| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | 11 |
|--------------|------------|-----------------|---------|-------------|-------|---------|---|---------------|-----------|-----------------|--------------------------------|
| Plant (Herb, | Local Name | Caiantifa Nama | Wasiata | Landscape / | Local | Status | Associated TV | Uses (see se) | Dout word | Other details | Community/ |
| Shrub, Tree) | Local Name | Scientific Name | Variety | Habitat | Past | Present | - Associated TK | Uses (usage) | Part used | market/ own use | Knowledge Holder |
| shrub | Simblu | berberis lycium | | Forest | Good | average | Mohd. Kaleem Ashraf S/o Mohd. Ashraf R/O Badakanna | | roots | | 70% Farmers |
| Tree | Bana | vitex negundo | | Forest | Good | average | | | leaves | | 30% Migrated to Urban areas |
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Note: Uses: Food/Veterinary Medicine/Human Medicine (Sub-divisions like for children, women etc)/Agricultural Purpose (Bio-pesticide)
Other details: Harvesting period /Perennial/annual/seasonal

Format 23: Wild relatives of Crops

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |
|--------|-----------------|-----------------|---|--------|----------|---------|---------------|------------|---------------|------------------|
| Local | Scientific | | To do | Local | Status | Uses | Part | Associated | 0411-4-7- | Community / Know |
| Name | Name | Associated crop | Landscape / Habitat | Past | Present | (usage) | Used | TK | Other details | holder |
| Akhrot | Juglans regia | | Wet land | Common | Abundant | | Fruits & stem | | | |
| Simlu | Berberies lycum | | Dry land | Rare | Commom | | Fruits & Bark | | | |
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Note: Other details may include 'function as a substitute plant' in the absence of a particular plant

Format 24: Ornamental Plants

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---------------|--------------------|---------|-------------|-------------------------------------|------------------|---------------------|--------------------------------|
| Local Name | Scientific Name | Variety | Habitat | Commercial / Non-commercial Uses | Associated TK | Any other Detail | Community/ Knowledge Holder |
| Phulwari | Rosa ascolaris | Local | Forest | Non-commercial | | | |
| Rose | Rosa indica | Local | Home garden | Non-commercial | | | |
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Format 25: Fumigate / Chewing Plants

| 1 | 2 | 3 | 4 | 5 | | 6 | | 8 | 9 | 10 | 11 |
|--------------|-------|----------------------|---------|---------|--------|---------|---------|-----------|------------|---------------|------------------|
| Plant (Herb, | Local | Scientific | Variate | Habitat | Local | Status | Uses | Part used | Associated | Other details | Community |
| Shrub, Tree) | Name | Name | Variety | Habitat | Past | Present | (usage) | | TK | (mode of use) | knowledge holder |
| Tree | Bissa | Liliac Feteasca Alba | Nil | Nil | | | | | | | |
| Tree | Bana | Vitex negundo | | Forest | Common | Common | | | | | |
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Format 26: Timber Plants

| 1 | 2 | 3 | 2 | 1 | 5 | 6 | 7 | 8 |
|------------|------------------|---------|-------|---------|--------------------|----------------|---------------|----------------------|
| Local Name | Scientific Name | Habitat | Local | Status | Other Uses, if any | Associated TK | Other Details | Community/ Knowledge |
| Local Name | Scientific Name | Habitat | Past | Present | Other Uses, if any | Associated 1 K | Other Details | Holder |
| Chir | Pinus roxburghii | Forest | Good | average | | | | |
| Safeeda | Eucalyptus | Forest | Good | average | | | | |
| Tooni | Toona ciliata | Forest | Good | | | | | |
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Format 27 A: Coastal and Marine Flora

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |
|------------|------------|-------------------|---------|------|-----------|-----------------|-----------------|------------|---------------|----------------------|
| Plant Type | Local Name | Scientific Name | Habitat | Loc | al Status | Parts Collected | Commercial Uses | Other Uses | Associated TK | Community/ Knowledge |
| Trant Type | Local Name | Scientific Ivalie | Habitat | Past | Present | (if any) | (if any) | Other oses | Associated TK | Holder |
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Format 27 B: Coastal and Marine Fauna

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------|---------------|--------------------|---------|----------|-----------|--------------------|-----------------|------------|---------------|----------------------|
| Animal Type | Local Name | Scientific Name | Habitat | Loc | al Status | Parts | Commercial Uses | Other Uses | Associated TK | Community/ Knowledge |
| Animai Type | Local Ivallic | Scientific (Vallic | Habitat | Past | Present | Collected (if any) | (if any) | Other Oses | Associated TK | Holder |
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Format 28: Wild Animals (Mammals, Birds, Reptiles, Amphibia, Insects, others)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------|--------------|-----------------|---------|-------------|-------------|-------|---------|---------------|------------|---------------------|---------------|-------------------------|
| Animal Type | Local Name | Scientific Name | Habitat | Description | Season when | Local | Status | Uses (if any) | Associated | Mode of Hunting, | Other details | Community/ Knowledge |
| Annai Type | Local Name | Scientific Name | паша | Description | seen | Past | Present | Uses (II any) | TK | collecting (if any) | Other details | Holder |
| Mammals | Leopard | Panthera pardus | Forest | | All season | good | Poor | | | | | |
| | Jackel | canis aureus | Forest | | All season | good | Good | | | | | |
| | Wild goat | capra aegagrus | Forest | | All season | good | Good | | | | | |
| birds | Peacock | Pavo cristatus | Forest | | All season | good | Good | | | | | |
| | Wild fowl | Galloanserae | Forest | | All season | good | Good | | | | | |
| | Crow | Corvus | Forest | | All season | good | Good | | | | | |
| Reptiles | snake | Serpentes | Forest | | All season | good | Good | | | | | |
| | Lizard | Lacertilia | Forest | | All season | good | Good | | | | | |
| amphibia | Frog | Anura | Forest | | All season | good | Good | | | | | |
| Insects | hosefly | Musca domestica | Forest | | All season | good | Good | | | | | |
| | honey bee | Apis | Forest | | All season | good | Good | | | | | |
| | Grass hopper | Caelifera | Forest | | All season | good | Good | | | | | |

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 | Akhrot | Juglans regia | Tree | | April - May | Common |
| 2 | Kiker | Acacia nilotica | Tree | | April - May | Common |
| 3 | Simlu | Berberies lycum | Shrub | | April - May | Common |
| 4 | Rein | Quercus oblongata | Tree | | April - May | Common |
| 5 | Nakh | Pyrus communis | Tree | | April - May | Common |
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Note: Separate format should be used for road side plantation / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 30: Fauna

| 1 | 2 | 3 | 4 | 5 | 6 |
|---------|------------|-----------------------|--|---------|------------------------------|
| Sr. No. | Local Name | Scientific Name | Type of Animals (Mammals / Birds / Fish / Insect etc.) | Habitat | Remarks (Rare / Common etc.) |
| | House crow | Corvus splendens | Birds | | Common |
| | Koel | Eudynamys scolopaceus | Birds | | Rare |
| | Jackal | Canis aureus | Mammals | | Common |
| | Chipkali | Lacertila | Reptiles | | Common |
| | Bee | Apis sp. | Insects | | Rare |
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Note: Separate format should be used for road side plantation - habitat / Parks and Gardens / Housing estate / Commercial buildings/ other institutional areas, Private club premises and also for Aquatic (water) habitat and Terrestrial (land) habitat

Format 31: Any other information of local importance

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

End of Part II