

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: Patyari

Taluk: SAMBA

District: SAMBA

State: JAMMU & KASHMIR (UT)

Geographical Area of the Panchayat Samity: 712 hect

Population under the Panchayat Samity: Total 1816

Male: 944 Female: 812

Habitat Topography:

Climate (Rainfall, Temperature and other weather patterns)

Land Use (Nine fold classification available with village records)

Date, Month and Year of PBR preparation

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

Annexure 1

Details of Biodiversity Management Committee (BMC) of the panchayat (One elected Chairperson and six persons nominated by the local body; not less than one third to be women and not less than 18% belonging to SC/ST)

1) Name of the Chairperson: Sh Baldev Singh

Age:- 65

Gender: Male

Address: Patyari

Area of Specialization: Ex-serviceman (police)

Mob. No. : 9906035177

2) Name: Radha Devi

Age:- 24

Gender: Female

Address: Patyari

Area of Specialization: Wheat

3) Name: Surishta Devi

Age:- 45

Gender: Female

Address: Simblana

Area of Specialization: Housewife

4) Name: Karan Chand

Age:- 21

Gender: Male

Address: Simblana

Area of Specialization: Wheat

5) Name: Ashok singh

Age:- 52

Gender: Male

Address: Paswal

Area of Specialization: Wheat

6) Name: Sunil singh

Age:- 24

Gender: Male

Address: Chandli

Area of Specialization: Wheat

7) Name: Jagdev Singh (Panch)

Age:- 32

Gender: Male

Address: Patyan

Area of Specialization: Farmer

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:

Age:-

Gender:

Address:

Area of Specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal use:

2) Name:

Age:-

Gender:

Address:

Area of Specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal use:

3) Name:

Age:-

Gender:

Address:

Area of Specialization:

Location from which the person accesses biological material:

Perception of the practitioner on the resource status:

Medicinal use:

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries and forestry
1) Name:
Age:-
Gender:
Address:
Area of Specialization:
2) Name:
Age:-
Gender:
Address:
Area of Specialization:
3) Name:
Age:-
Gender:
Address:
Area of Specialization:
4) Name:
Age:-
Gender:
Address:
Area of Specialization:

Annexure 4

Details of schools, colleges, departments, universities, government institutions, non-governmental organization and individuals involved in the preparation of the PBR
1) Contact Person Name and Address:
2) Contact Person Name and Address:
3) Contact Person Name and Address:
4) Contact Person Name and Address:
5) Contact Person Name and Address:
6) Contact Person Name and Address:

Format 1: Crop Plants

1	2	3	4	5	6	7		8	9	10	11	12	13	14
Crop	Scientific Name	Local Name	Variety	Landscape/ Habitat	Approx. area shown	Local Status		Special features	Cropping season	Uses	Associated TK	Other details	Source of Seeds/ Plants	Community/ Knowledge Holder
						Past	Present							
Rice	<i>Oryza sativa</i>		Veliyan	Lowland valleys		Plenty	rare	Tall variety high yield resistant to drought, flood, pest & diseases		Food Fodder Roofing Fuel	Provides more energy	Suitable for Valicha cultivation		Kurichiya Kuroma w. Cheny
Maize	<i>Zea Mays</i>	Makke	Kh 517	Hill and Sub-Mountains	50.8	Good plenty	plenty	High yield at low input cost	Kharif	Staple diet and also for fodder	_do_	_	Seasonal deptt. Store of govt.	_
Bajra	<i>Pennisetum glaucum</i>	Bajra	K- 28	_do_	9.95 hect	Plenty	rare	_do_	Kharif	_do_	_do_	_	_do_	_
Sorghom	<i>Sorghum bicolor</i>	Charie	SSGKH 105	_do_	3.51	Plenty	plenty	_do_	Kharif	Fodder	_do_	_	_do_	_
Moong & Mash	<i>Vigna radiata & Vigna Mungo</i>	Moonge & Maa	IPM410-03 PO- 31	Sub tropical plains	10.3	Plenty	rare	_do_	Kharif	Pulses	_do_	_	_do_	_
Oil Seed	<i>Sesamum indicum</i>	Til	Til-1	_do_	2.7	Plenty	rare	_do_	Kharif	Oilseed	_do_	_	seasonal govt seed store and shop also	_
Wheat	<i>Triticum aestirum</i>	Kanak	HD-2967 Raj-3077 WH-1080	Best growth in jammu division	136	Plenty	plenty	_do_	Rabi	Cereals	_do_	_	seasonal govt seed store and shop also	_
Mustard	<i>Brassica</i>	Sarso	RH- 30 RLM-619	_do_	7	Plenty	rare	_do_	Rabi	oilseed	_do_	_	seasonal govt seed store and shop also	_

Format 2: Fruit Plants

1	2	3	4	5	6	7		8	9	10	11	12	13
S.No.	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						
1	Woody Tree	<i>Mangifera indica</i>	Amb	Wild, Dashehari, Malda, Amrapali, Mallika, Langra, Swarn Rekha, Chausa, Fazli, Totapuri, Ramkila, Baramasim etc.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to August	Record available in old books.	Sucking, table, processing	Own uses and sold in market	Popular in local population.
2	Woody Tree	<i>litchi chinensis</i>	Lychee	Dehradun, Calcutti, Seedless, Rose Scented	Sub-tropical	Good	Good	Layered plants.	March to July	Introduced by traders and domesticated locally.	Table and processing	Own uses and sold in market	Popular in local population.
3	Woody Tree	<i>Pidium guajava</i>	Amrood	Wild, Allahbad, Sardar, Lalit, Arka Amulaya, Sheveta, Punjab Pink	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to August, Dec. To January	Introduced by traders and domesticated locally.	Table and processing.	Own uses and sold in market	Popular in local population.
4	Climber	<i>Vitis vinifera</i>	Angoor	Wild, Perllet, Beauty Seedless	Sub-tropical	Good	Good	Cuttings	Feb. To June	Introduced by traders and domesticated locally.	Table and processing.	Own uses and sold in market	Popular in local population.
5	Woody Tree	<i>Emblica officinalis</i>	Amla	wild, Banarsi, Neelam, NA 7.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to Nov.	Record available in old books.	Processing	Own uses and sold in market	Popular in local population.
6	Woody Tree	<i>Citrus sinensis</i>	Mosammi	Mosambi, Jaffa, Red Blood	Sub-tropical	Good	Rare	Grafted Plants	March to Jan.	Record available in old books.	Table and processing.	Own uses and sold in market	Popular in local population.

7	Woody Tree	<i>Citrus reticulata</i>	Sangtra	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Record available in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
8	Woody Tree	<i>Citrus aurantifolia</i>	Nimboo	Wild, Kagzi, Italian, Eureka	Sub-tropical	Good	Good	Grafted Plants	March to Oct.	Record available in old books.	Processing.	Own uses and sold in market	Popular in local population.
9	Woody Tree	<i>Citrus limon</i>	Galgal	Wild	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Record available in old books.	Processing.	Own uses and sold in market	Popular in local population.
10	Woody Tree	<i>Citrus medica</i>	Kimb	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record available in old books.	Processing.	Own uses and sold in market	Popular in local population.
11	Woody Tree	<i>Citrus jambhiri</i>	Jamiri	Wild	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Record available in old books.	Processing, root stock	Own uses and sold in market	Popular in local population.
12	Woody Tree	<i>Citrus limetoides</i>	Mithoo (Kimb)	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record available in old books.	Table and processing.	Own uses and sold in market	Popular in local population.
13	Woody Tree	<i>Citrus x floridana</i>	Kumquat	Wild	Sub-tropical	Good	Good	Grafted Plants	March to Jan..	Record available in old books.	Processing.	Own uses and sold in market	Popular in local population.
14	Woody Tree	<i>Citrus tangerina</i>	Narangi (Kinu)	Wild	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Record available in old books.	Ornamental and processing.	Own uses	Popular in local population.
15	Woody Tree	<i>Zizyphus mauritiana</i>	Ber	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted Plants	March to Nov.	Record available in old books.	Table purposes	Own uses and sold in market	Popular in local population.
16	Woody Tree	<i>Zizyphus jujuba</i>	Phowari Ber	Wild	Sub-tropical	Good	Good	Seedlings	March to Nov.	Record available in old books.	Table purposes	Own uses and sold in market	Popular in local population.

18	Woody Tree	<i>Syzygium cumini</i>	Jamun	Wild	Sub-tropical	Good	Good	Seedlings and Grafted	March to July	Record available in old books.	Processing	Own uses and sold in market	Popular in local population.
19	Woody Tree	<i>Punica granatum</i>	Anar	Wild, Ganesh, Kandhari,	Sub-tropical	Good	Good	Cuttings	March to July	Record available in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
21	Woody Tree	<i>Cordia myxa</i>	Lasooda	Wild	Sub-tropical	Good	Good	Seedlings	March to June	Record available in old books.	Processing purposes	Own uses and sold in market	Popular in local population.
22	Bush	<i>Carissa carandas</i>	Gerna	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record available in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
23	Woody Tree	<i>Aegle marmalos</i>	Bill	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record available in old books.	Table purposes and processing	Own uses and sold in market	Popular in local population.
24	Woody Tree	<i>Pyrus communis</i>	Nakh	Pathar Nakh	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Introduced by traders and domesticated locally.	Table purposes and processing	Own uses and sold in market	Popular in local population.
25	Woody Tree	<i>Prunus persica</i>	Aru	Wild, Sun Red, Florida Sun	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Introduced by traders and domesticated locally.	Table purposes and processing	Own uses and sold in market	Popular in local population.
26	Woody Tree	<i>Prunus saliciana</i>	Aloocha	Kala Amritsari, Alucha	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Introduced by traders and domesticated locally.	Table purposes and processing	Own uses and sold in market	Popular in local population.
28	Woody Tree	<i>Morus alba</i>	Shahtoot	Wild, China	Sub-tropical	Good	Good	Cuttings	March to July	Introduced by traders and domesticated locally.	Table purposes, leaves for rearing Silkworms.	Own uses and sold in market	Popular in local population.

29	Woody Tree	<i>Ficus carica</i>	Fakhwari	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Introduced by traders and domesticated locally.	Table purposes.	Own uses and sold in market	Popular in local population.
30	Woody Tree	<i>Atrocarpus lakoocha</i>	Dew	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record available in old books.	Pickle Purposes.	Own uses and sold in market	Popular in local population.
31	Woody Tree	<i>Atrocarpus heterophyllus</i>	Jackfruit	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record available in old books.	Pickle Purposes.	Own uses and sold in market	Popular in local population.
32	Soft Tree	<i>Carica papaya</i>	Papita	Wild, Red Lady, Pusa Nana	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Record available in old books.	Table purposes.	Own uses and sold in market	Popular in local population.
33	Woody Tree	<i>Caprificus insectifera</i>	Rumble	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record available in old books.	Medicinal purposes.	Own uses	Not much known.
34	Woody Tree	<i>Terminalia bellirica</i>	Behra	Wild	Sub-tropical	Good	Good	Seedlings	March to August	Record available in old books.	Medicinal purposes.	Own uses	Popular in local population.

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 Seeds/ Plants	Associated TK	Part Used	Other details	Community/ Knowledge Holder
				Past	Present					
Bajra	<i>Pennisetum glaucum</i>	Bajra	Grain & fodder	Plenty	Plenty	Agri Deptt. & seasonal store & shops	-	-	Grain & fodder	-
Sorghum	<i>Broom corn</i>	Chari	Fodder	Plenty	Plenty	_do_	-	-	Fodder	-
Berseem	<i>Trifalium alexandrinum</i>	Chtalla	Fodder	Plenty	Plenty	_do_	-	-	Fodder	-
Oats	<i>Avena sativa</i>	Javi	Fodder	Plenty	Rare	_do_	-	-	Fodder	-

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					
Bermuda grass	<i>Cynodondacylon</i>	lawn	Maize	Reduce the growth & production	-	-	-	-	Weedicide	-	-	-
Amaranthus Viridis	<i>Acalypha indica</i>		Maize	_do_	-	-	-	-	_do_	-	-	-
Bathua	<i>Chenopodium album</i>		Wheat	_do_	-	-	-	-	_do_	-	-	-
Sotti	<i>Phalaris minor</i>		Wheat	_do_	-	-	-	-	_do_	-	-	-

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
Maize	Cut worm	<i>agrotis spp.</i>	Brown pest	cutting the plant in the initial stage	Kharif season	Mix chloropyriphos 1.5% D or undane 1.3%	-	-	-
Maize	Army worms	<i>Spodoptera Frugi perda</i>	Pest	eat the leaves at night and rest during the day	_do_	chlorophriphos 1.5l/ha Dichlorovas/wec @ 500ml/ha	-	-	-
Wheat	Termites	<i>Osoptera</i>	Pest	damage the crop soon afetr sowing	Rabi season	use 450ml chlorophripho 20EC for seed treatment	-	-	-
Wheat	Army worms	<i>Mythima Separata</i>	Pest	eat the leaves at night and rest during the day	_do_	use 1.5 kg of Carbaryl 50%	-	-	-

Format 7: Peoplescape

1	2	3	4	5	6	7	8	9	10	11
Community and Population	Families and 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 landscape	No. of Hills
Scheduled Caste	Labour, agriculture	Animal Husbandry	Land	Crops:- Kharif:- Rice, Maize Rabi:- Wheat, mustard	leave ground fallow, crop rotations rainfed use humus & fertilizers	Personal consumption & market use			Barren	5
Scheduled Tribe	Labour, Animal & sheep Husbandry		Land	Domesticated animals:- Cattle (Bos Indicus, Bos Taurus), Buffalo (Babalus Bubalis)		Personal consumption & market use				6
General	Labour, agriculture	Animal Husbandry	Land	Crops:- Kharif:- Paddy, Maize Rabi:- Wheat, mustard	_do_	_do_			Barren	

Format 8: Landscape

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

Format 9 : Waterscape

1	2	3	4	5	6	7	8	9	10	11	12	13
Waterscape element type	Sub type	Features and approx area	Ownership	General flora	General fauna	Major Uses	User groups	Management practices	General Uses	Associated TK	Other details	Community accessed
Ponds	6		Forest land and Private land	kamal,Baryan,	Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Streams	Khads		Forest land and Private land		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Tube well			Forest land and Private land		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Dug wells			Govt		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Canals			Private		Snakes		public					
Hand pumps			Govt		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					

Format 10 : Soil type

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

Format 11: Fruit Trees

1	2	3	4	5	6	7		8	9	10	11	12	13
S.No.	Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Local Status		Source of plant/ seeds	Season of fruiting	Uses (usage)	Associated TK	Other details market/ own use	Community/ Knowledge Holder
						Past	Present						
1	Woody Tree	Amb	<i>Mangifera indica</i>	Local, Dashehari, Malda, Amrapali, Mallika, Langra, Swarn Rekha, Chausa, Fazli, Totapuri, Ramkila, Baramasi.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to August	Sucking, table, processing	Record available in old books.	Own uses and sold in market	Popular in local population.
2	Woody Tree	Lychee	<i>litchi chinensis</i>	Dehradun, Calcutti, Seedless, Rose Scented	Sub-tropical	Good	Good	Layered plants.	March to July	Table and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
3	Woody Tree	Amrood	<i>Pidium guajava</i>	Local, Allahbad, Sardar, Lalit, Arka Amulaya, Sheveta, Punjab Pink	Sub-tropical	Good	Good	Seedling trees, grafted/ layered.	March to August, Dec. To January	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
4	Climber	Angoor	<i>Vitis vinifera</i>	Local, Perilet, Beauty Seedless	Sub-tropical	Good	Good	Cuttings	Feb. To June	Table and processing.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
5	Woody Tree	Amla	<i>Emblca officinalis</i>	Local, Banarsi, Neelam, NA 7.	Sub-tropical	Good	Good	Seedling trees, grafted plants.	March to Nov.	Processing	Record available in old books.	Own uses and sold in market	Popular in local population.
6	Woody Tree	Mosammi	<i>Citrus sinensis</i>	Mosambi, Jaffa, Red Blood	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Table and processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
7	Woody Tree	Sangtra	<i>Citrus reticlata</i>	Kinnow, Sangtra	Sub-tropical	Good	Good	Grafted Plants	March to Jan.	Table and processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
8	Woody Tree	Nimboo	<i>Citrus aurantifolia</i>	Local, Kagzi, Italian, Eureka	Sub-tropical	Good	Good	Grafted Plants	March to Oct.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
9	Woody Tree	Galgal	<i>Ctrus limon</i>	Local	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
10	Woody Tree	Kimb	<i>Citrus medica</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
11	Woody Tree	Jamiri	<i>Citrus jambhiri</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Oct.	Processing, root stock	Record available in old books.	Own uses and sold in market	Popular in local population.

12	Woody Tree	Mithoo	<i>Citrus limettooides</i>	Local	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Table and processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
13	Woody Tree	Kumquat	<i>Citrus x floridana</i>	Local	Sub-tropical	Good	Good	Grafted Plants	March to Jan..	Processing.	Record available in old books.	Own uses and sold in market	Popular in local population.
14	Woody Tree	Narangi	<i>Citrus tangerina</i>	Local	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Ornamental and processing.	Record available in old books.	Own uses	Popular in local population.
15	Woody Tree	Ber	<i>Zizyphus mauritiana</i>	Umran, Katha, Seb	Sub-tropical	Good	Good	Grafted Plants	March to Nov.	Table purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
16	Woody Tree	Phowari Ber	<i>Zizyphus jujuba</i>	Local	Sub-tropical	Good	Good	Seedlings	March to Nov.	Table purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
17	Bush	Phalsa	<i>Grewia subinaequalis</i>	Local	Sub-tropical	Good	Good	Seedlings and Cuttings	March to July	Processing	Record available in old books.	Own uses and sold in market	Popular in local population.
18	Woody Tree	Jamun	<i>Syzygium cumini</i>	Local	Sub-tropical	Good	Good	Seedlings and Grafted	March to July	Processing	Record available in old books.	Own uses and sold in market	Popular in local population.
19	Woody Tree	Anar	<i>Punica granatum</i>	Local, Ganesh, Kandhari,	Sub-tropical	Good	Good	Cuttings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
20	Woody Tree	Lasooda	<i>Cordia myxa</i>	Local	Sub-tropical	Good	Good	Seedlings	March to June	Processing purposes	Record available in old books.	Own uses and sold in market	Popular in local population.
21	Bush	Gerna	<i>Carissa carandas</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
22	Woody Tree	Bill	<i>Aegle marmalos</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes and processing	Record available in old books.	Own uses and sold in market	Popular in local population.
23	Woody Tree	Nakh	<i>Pyrus communis</i>	Pathar Nakh	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
24	Woody Tree	Aru	<i>Prunus persica</i>	Local, Sun Red, Florida Sun	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
25	Woody Tree	Aloocha	<i>Prunus saliciana</i>	Kala Amritsari, Alucha	Sub-tropical	Good	Good	Grafted Plants	Feb. to June	Table purposes and processing	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
26	Woody Tree	Shahtoot	<i>Morus alba</i>	Local, China	Sub-tropical	Good	Good	Cuttings	March to July	Table purposes, rearing Silkworms.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.

27	Woody Tree	Fig	<i>Ficus carica</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Table purposes.	Introduced by traders and domesticated locally.	Own uses and sold in market	Popular in local population.
28	Woody Tree	Dew	<i>Atrocarpus lakoocha</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Pickle Purposes.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
29	Woody Tree	Jackfruit	<i>Atrocarpus heterophyllus</i>	Local	Sub-tropical	Good	Good	Seedlings	March to July	Pickle Purposes.	Record vailable in old books.	Own uses and sold in market	Popular in local population.
30	Soft Tree	Papita	<i>Carica papaya</i>	Local Red Lady, Pusa Nana	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Table purposes.	Record vailable in old books.	Own uses and sold in market	Popular in local population.

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

1	2	3	4	5	6	7		8	9	10	11	12
Plant Type	Local Name	Scientific Name	Variety	Landscape/ Habitat	Source of plant/ seeds	Local Status		Uses (usage)	Part used	Associated TK	Other details market/ own use	Community/ Knowledge Holder
						Past	Present					
Herbs	Jungli putna	<i>Mentha arvensis</i>		Lower shiwalik/Temp rate area	Root	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Trimuru	<i>Zanthoxylum aurmatum</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	brankad	<i>Adha toda vesica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Shrubs	Drainkdu	<i>Murraya koenigii</i>		Sub-Tropical area	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Shrubs	Thor/Shuu	<i>Euphorbia royleana</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bareyan	<i>Acorus calamus</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Canabis sativia</i>		Lower shiwalik	Seed	Abundant	Abundant	nil		N.A	N.A	Generally, held by community
Tree	Amla	<i>Phyllanthus emblica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Bair	<i>Ziziphus xylocarpa</i>		Lower shiwalik	Seed	Rare	Rare	nil	Stem	N.A	N.A	Generally, held by community
Tree	Bill-Patre	<i>Angle mermelos</i>		Sub-Tropical area	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Tree	Drankh	<i>Melia azedarach</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves	N.A	N.A	Generally, held by community

Tree	Harad	<i>Terminalia chebula</i>		Lower shiwalik	Seed	Abundant	Abundant	Good for digestion	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Jaman	<i>Syzygium cumini</i>		Lower shiwalik	Seed	Abundant	Abundant	maintains sugar level in human body	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Karal	<i>Bauhinia variegata</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Flower	N.A	N.A	Generally, held by community
Tree	Khair	<i>Acacia catechu</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Kringal	<i>Casia fistula</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Lusada	<i>Cordia dichotoma</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Mangoo	<i>Mangifera Indica</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem/Fruit	N.A	N.A	Generally, held by community
Tree	Retha	<i>Sapindus Mukorossii</i>		Lower shiwalik	Seed	Rare	Rare	nil	Fruit	N.A	N.A	Generally, held by community
Tree	Rumbal	<i>Ficus racemosa</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Tree	Sree	<i>Albizia lebbek</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Leaves/Stem	N.A	N.A	Generally, held by community
Tree	Talli	<i>Dalbergia sissoo</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Trimbal	<i>Ficus auriculata</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Fruit	N.A	N.A	Generally, held by community
Tree	Tuni	<i>Toona ciliata</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Stem	N.A	N.A	Generally, held by community
Tree	Arjun	<i>Terminalia arjuna</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Bheda			Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Amla	<i>Amblica officinales</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community

Tree	Neem	<i>Azadirachta indica</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Khair	<i>Accacia catechu</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Shrubs	Bhang	<i>Cannabis sativum</i>		Lower shiwalik	Seed	Rare	Rare	nil	Leaves/Bark	N.A	N.A	Generally, held by community
Tree	Kamila	<i>Mallotus philippensis</i>				Abundant	Abundant					
Tree	Phulai	<i>Acacia Modesta</i>				Abundant	Abundant					

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/ Knowledge Holder
	Kachnar	<i>Bauhinia Variegata</i>							
	Nerium	<i>Nerium Oleander</i>							
	Bottle Brush	<i>Callistemmon spp.</i>							
	Bogan Bael	<i>B.Sp & hybrids</i>							
	Motia	<i>Jasminum sambac</i>							
	Agave	Agave angustifolia							
	Rose	rosa rubiginosa							
	Rat Ki Rani	<i>cestrum nocturnum</i>							
	Gutta	Marie Gold							

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/Knowledge Holder
						Past	Present					
Sheep	Bhed	<i>Ovisaries</i>	Local	Small size, rough coat	Flock rearing	Least concern	Least concern	Mutton, wool and manure	Yes	Yes	Bones, skin and gut	Locals and nomads
Sheep	Bhed	<i>Ovisaries</i>	Rambouillet Cross	large size, fine wool	Flock rearing	Least concern	Least concern	Mutton, hair and manure	Yes	Yes	Bones, skin and gut	Locals and nomads
Goat	Bakri	<i>Capra Hircus</i>	Local	Small size, low body weight	Flock rearing	Least concern	Least concern	Chevon, hair and manure	Yes	Yes	Bones, skin and gut	Locals and nomads
Goat	Bakri	<i>Capra Hircus</i>	Kaghani (Bakerwali)	Large size, high body weight	Flock rearing	Least concern	Least concern	Chevon, hair and manure	Yes	Yes	Bones, skin and gut	Locals and nomads
Goat	Bakri	<i>Capra Hircus</i>	Beetal	Large size, high body weight	Flock rearing	Least concern	Least concern	Chevon, hair and manure	Yes	Yes	Bones, skin and gut	Locals and nomads
Cattle	Cow	<i>Bos Indicus</i>	LOcal	Milk	Semi Instensive	Constant	Constant	Milk				
Cattle	Bull	<i>Bos Taurus</i>		Milk	Semi Instensive	Constant	Constant					

Buffalo	Buffalo	<i>Bubalus Bubalis</i>	Local	Milk	Instensive	Less	More	Meat				
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Format 18: Trees, Shrubs, Herbs, Tubers, Grasses, Climbers etc.

1	2	3	4		5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habit	Habitat	Local Status		Commercial/ own use	Part collected	Associated TK	Other details	Community/ Knowledge Holder
					Past	Present					
Tree	Amlı	<i>Phyllanthus emblica</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits	Used in Gastro Problem	Medicinal use	Self observed
Tree	Ber	<i>Ziziphus Jujuba</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits			Self observed
Tree	Bour	<i>Ficus benghalensis</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits	unknown		Self observed
Tree	Chilla	<i>Casearia tomentosa</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaf and Wood	unknown		Self observed
Tree	Chir	<i>Pinus roxburghii</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Kakoa	<i>Flacourtia Indica</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits			Self observed
Tree	Daronkal	<i>Murraya koenigii</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves			Self observed
Tree	Dudaya	<i>Wrightia arborea</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves			Self observed
Shrubs	Garna	<i>Carissa spinarurn</i>	Shrubs	Sub- Tropical	Available	Available	Own use	Fruits			Self observed
Tree	Jamun	<i>Syzygium cumini</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits/ Wood	Used for Diabetes		Self observed
Tree	Kaam	<i>Mitragyna parvifolia</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Kembal	<i>Lannea coromaridelica</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Kamla	<i>Mallotus phillippensis</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Khair	<i>Acacia catechu</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Kodh	<i>Aloe barbadensis</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Krongal	<i>Cassia fistula</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Lucenia	<i>Leucaena spp.</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Plah	<i>Butea monosperma</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Phulai	<i>Acacia modesta</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Pansara	<i>Wendlandia spp</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves and Wood			Self observed
Tree	Reetha	<i>Sapindus mukorossi</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Shrubs	Santa	<i>Dodonaea viscosa</i>	Shrubs	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Sarri	<i>Albezzia spp</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed

Tree	Simbal	<i>Bombax ceiba</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Talli	<i>Dalbergia sisso</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Thub/ Dudhruk	<i>Erythrina spp</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Balugar	<i>Bauhinia vahlii</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Churindi	<i>Xylosma longifolium</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Doss/ sanan	<i>Colebrookea oppositifolia</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Khini	<i>Ficus semicordata</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Kral	<i>Bauhinia variegata</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves/ Flowers			Self observed
Tree	Lana	<i>Ficus hispida</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Dhaman	<i>Grewia optiva</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Charmod	<i>Ehretia spp.</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Badh	<i>Ficus religiosa</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Behra	<i>Terminalia bellirica</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits/ Wood			Self observed
Tree	Bilan	<i>Aegle marmelos</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits/ Wood			Self observed
Tree	Gandila	<i>Nerium oleander</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Gulmorh	<i>Delonix regia</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Oanni	<i>Lyonia ovalifolia</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Rumble	<i>Ficus racemosa</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits/ Wood			Self observed
Tree	Draink	<i>Melia azedaradt</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves/ Wood			Self observed
Tree	Harad	<i>Terminalia chebula</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits/ Wood			Self observed
Tree	Amb	<i>Mangifera indica</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits/ Wood			Self observed
Tree	Soyanjana	<i>Moringa oleifera</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits/ Wood			Self observed
Tree	Tunnu	<i>Toona ciliata</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Neem	<i>Azadirachta indica</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	Plakh	<i>Ficus virens</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves/ Wood			Self observed
Tree	Rehn	<i>Quercus lucotricophora</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	chamar sama	<i>Holoptelea Integrifolia</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	lasura	<i>Cordia myxa</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits/ Wood			Self observed
Tree	kassod	<i>Senna siamea</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Tree	tantary	<i>Oroxylum indicum</i>	Tree	Sub- Tropical	Available	Available	Own use	Wood			Self observed
Shrubs	Branked	<i>Justicia adhatoda</i>	Shrubs	Sub- Tropical	Available	Available	Own use	Leaves			Self observed
Tree	Khar	<i>Saccharum bengalense</i>	Tree	Sub- Tropical	Available	Available	Own use	Leaves			Self observed

Tree	Imli	<i>Tamarandis indica</i>	Tree	Sub- Tropical	Available	Available	Own use	Fruits			Self observed
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Format 19: Wild Plant Species of Importance

1	2	3	4	5	6
Sr. No.	Local Name	Scientific Name	Variety	Importance (as economic, social, cultural etc.)	Status
1	Rati	<i>Abrus precatorius</i>	Wild	Social and Economic	Available
2	Khair	<i>Acacia catechu</i>	Wild	Social and Economic	Available
3	Exotic acacia	<i>Acacia farnesiana</i>	Wild	Social and Economic	Available
4	Phulai or Fly	<i>Acacia modesta</i>	Wild	Social and Economic	Available
5	Kikar	<i>Acacia nilotica</i>	Wild	Social and Economic	Available
6	Parkanda	<i>Achyranthes aspera</i>	Wild	Social and Economic	Available
7	Bel	<i>Aegle marmelos</i>	Wild	Social and Economic	Available
8	Nuriya	<i>Aerva sanguinolenta</i>	Wild	Social and Economic	Available
9	Ramban	<i>Agave americana</i>	Wild	Social and Economic	Available
10	Kala Siris	<i>Albizia lebbek</i>	Wild	Social and Economic	Available
11	Kramblu	<i>Albizia odoratissima</i>	Wild	Social and Economic	Available
12	Safed siris	<i>Albizia procera</i>	Wild	Social and Economic	Available
13	Kuad Gandal	<i>Aloe barbadensis</i>	Wild	Social and Economic	Available
14	Chaleri Saag	<i>Amaranthus viridis</i>	Wild	Social and Economic	Available
15	Seski	<i>Artemisia parviflora</i>	Wild	Social and Economic	Available
16	Kathal	<i>Artocarpus heterophyllus</i>	Wild	Social and Economic	Available
17	Nad	<i>Arundo donax</i>	Wild	Social and Economic	Available
18	Neem	<i>Azadirachta indica</i>	Wild	Social and Economic	Available
19	Bamboo	<i>Bambusa bambos</i>	Wild	Social and Economic	Available
20	Bamboo	<i>Bambusa nutans</i>	Wild	Social and Economic	Available
21	Kachnar	<i>Bauhinia purpurea</i>	Wild	Social and Economic	Available
22	Baloonger	<i>Bauhinia vahlii</i>	Wild	Social and Economic	Available
23	Kachnar	<i>Bauhinia variegata</i>	Wild	Social and Economic	Available
24	Simbal	<i>Bombax ceiba</i>	Wild	Social and Economic	Available
25	Jungli toot	<i>Broussonetia papyrifera</i>	Wild	Social and Economic	Available
26	Plaah	<i>Butea monosperma</i>	Wild	Social and Economic	Available
27	Bhang	<i>Cannabis sativa</i>	Wild	Social and Economic	Available
28	Chilla	<i>Casearia tomentosa</i>	Wild	Social and Economic	Available
29	Krangal	<i>Cassia fistula</i>	Wild	Social and Economic	Available

30	Mainphal	<i>Catunaregum spinosa</i>	Wild	Social and Economic	Available
31	Aajan Grass	<i>Cenchrus ciliaris</i>	Wild	Social and Economic	Available
32	Brahmi buti	<i>Centella asiatica</i>	Wild	Social and Economic	Available
33	Karun	<i>Chenopodium murale</i>	Wild	Social and Economic	Available
34	Khas Khas	<i>Chrysopogon zizanoides</i>	Wild	Social and Economic	Available
35	Kapoor	<i>Cinnamomum camphora</i>	Wild	Social and Economic	Available
36	Bhus	<i>Cirsium arvense</i>	Wild	Social and Economic	Available
37	Sanali or Dussa	<i>Colebrookea oppositifolia</i>	Wild	Social and Economic	Available
38	Barna	<i>Crateva religiosa</i>	Wild	Social and Economic	Available
39	Amar Bel	<i>Cuscuta reflexa</i>	Wild	Social and Economic	Available
40	Shudri	<i>Cynoglossum lanceolatum</i>	Wild	Social and Economic	Available
41	Deela	<i>Cyperus rotundus</i>	Wild	Social and Economic	Available
42	Tali	<i>Dalbergia sissoo</i>	Wild	Social and Economic	Available
43	Dhatura	<i>Datura stramonium</i>	Wild	Social and Economic	Available
44	Baans	<i>Dendrocalamus strictus</i>	Wild	Social and Economic	Available
45	Palain	<i>Dichanthium annulatum</i>	Wild	Social and Economic	Available
46	Kalu grass	<i>Dicliptera bupleuroides</i>	Wild	Social and Economic	Available
47	Sadhun	<i>Dioscorea melanophyma</i>	Wild	Social and Economic	Available
48	Santha	<i>Dodonaea viscosa</i>	Wild	Social and Economic	Available
49	Duranta	<i>Duranta erecta</i>	Wild	Social and Economic	Available
50	Chamror	<i>Ehretia acuminata</i>	Wild	Social and Economic	Available
51	Chamror	<i>Ehretia laevis</i>	Wild	Social and Economic	Available
52	Dhol Dhak	<i>Erythrina suberosa</i>	Wild	Social and Economic	Available
53	Pangara	<i>Erythrina variegata</i>	Wild	Social and Economic	Available
54	Safeda	<i>Eucalyptus camaldulensis</i>	Wild	Social and Economic	Available
55	Hybrid safeda	<i>Eucalyptus tereticornis</i>	Wild	Social and Economic	Available
56	Bubbeain	<i>Eulalopsis binata</i>	Wild	Social and Economic	Available
57	Thor	<i>Euphorbia royleana</i>	Wild	Social and Economic	Available
58	Trimbal	<i>Ficus auriculata</i>	Wild	Social and Economic	Available
59	Bohr	<i>Ficus benghalensis</i>	Wild	Social and Economic	Available
60	Fagora	<i>Ficus palmata</i>	Wild	Social and Economic	Available
61	Rumble	<i>Ficus racemosa</i>	Wild	Social and Economic	Available
62	Badh or pipal	<i>Ficus religiosa</i>	Wild	Social and Economic	Available
63	Kakoa	<i>Flaccourtia indica</i>	Wild	Social and Economic	Available
64	Kanphuta	<i>Flemingia chappar</i>	Wild	Social and Economic	Available
65	Bhattani	<i>Gomphrena celosoides</i>	Wild	Social and Economic	Available
66	Dhaman	<i>Grewia optiva</i>	Wild	Social and Economic	Available
67	Lamb grass	<i>Heteropogon contortus</i>	Wild	Social and Economic	Available

68	Aakh	<i>Ipomoea carnea</i>	Wild	Social and Economic	Available
69	Kharpoway	<i>Ipomoea purpurea</i>	Wild	Social and Economic	Available
70	Chameli	<i>Jasminum officinale</i>	Wild	Social and Economic	Available
71	Ratanjot	<i>Jatropha curcas</i>	Wild	Social and Economic	Available
72	Brenker	<i>Justicia adhatoda</i>	Wild	Social and Economic	Available
73	Kembat	<i>Lannea coromandelica</i>	Wild	Social and Economic	Available
74	Mithu grass	<i>Lathyrus sativus</i>	Wild	Social and Economic	Available
75	Kamila	<i>Mallotus philippensis</i>	Wild	Social and Economic	Available
76	Baryar	<i>Malvastrum coromandelianum</i>	Wild	Social and Economic	Available
77	Aam	<i>Mangifera Indica</i>	Wild	Social and Economic	Available
78	Drehnk	<i>Melia azedarach</i>	Wild	Social and Economic	Available
79	Kaam	<i>Mitragyna parvifolia</i>	Wild	Social and Economic	Available
80	Toot	<i>Morus alba</i>	Wild	Social and Economic	Available
81	Drenkeri	<i>Murraya koenigii</i>	Wild	Social and Economic	Available
82	Gandila	<i>Nerium oleander</i>	Wild	Social and Economic	Available
83	Kua	<i>Olea europaea subsp.</i>	Wild	Social and Economic	Available
84	Chitter	<i>Opuntia elatior</i>	Wild	Social and Economic	Available
85	Tetar	<i>Oroxylum indicum</i>	Wild	Social and Economic	Available
86	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
87	Napier grass	<i>Pennisetum purpureum</i>	Wild	Social and Economic	Available
88	Khajoor	<i>Phoenix sylvestris</i>	Wild	Social and Economic	Available
89	Amla	<i>Phyllanthus emblica</i>	Wild	Social and Economic	Available
90	Chir	<i>Pinus roxburghii</i>	Wild	Social and Economic	Available
91	Daduni	<i>Punica grantum</i>	Wild	Social and Economic	Available
92	Jojra	<i>Pupalia lappacea</i>	Wild	Social and Economic	Available
93	Basant panchami	<i>Reinwardtia indica</i>	Wild	Social and Economic	Available
94	Arnid	<i>Ricinus communis</i>	Wild	Social and Economic	Available
95	Junglee Palak	<i>Rumex hastatus</i>	Wild	Social and Economic	Available
96	Khar	<i>Saccharu, bengalense</i>	Wild	Social and Economic	Available
97	Kai	<i>Saccharu spontaneum</i>	Wild	Social and Economic	Available
98	Reetha	<i>Sapindus mukorossi</i>	Wild	Social and Economic	Available
99	Bari Kasondi	<i>Senna occidentalis</i>	Wild	Social and Economic	Available
100	Kassod	<i>Senna slamea</i>	Wild	Social and Economic	Available
101	Cassia	<i>Senna sulfurea</i>	Wild	Social and Economic	Available
102	Panwar	<i>Senna tora</i>	Wild	Social and Economic	Available
103	Kezun grass	<i>Setaria sphacelata</i>	Wild	Social and Economic	Available
104	Kayan Kothi	<i>Solanum americanum</i>	Wild	Social and Economic	Available
105	Ban tamakoo	<i>Solanum erianthum</i>	Wild	Social and Economic	Available

106	Jamun	<i>Syzyglum cumini</i>	Wild	Social and Economic	Available
107	Imlı	<i>Tamarindus indica</i>	Wild	Social and Economic	Available
108	Phul dudi	<i>Tarxacum campylodes</i>	Wild	Social and Economic	Available
109	Arjun	<i>Terminalia arjuna</i>	Wild	Social and Economic	Available
110	Bahera	<i>Terminilia bellirica</i>	Wild	Social and Economic	Available
111	Harar	<i>Terminilia chebula</i>	Wild	Social and Economic	Available
112	Giloe	<i>Tinospora sinensis</i>	Wild	Social and Economic	Available
113	Tunu	<i>Toona ciliata</i>	Wild	Social and Economic	Available
114	Jıyo	<i>Trema orientalis</i>	Wild	Social and Economic	Available
115	Pakhra	<i>Tribulus terrestris</i>	Wild	Social and Economic	Available
116	Kayalu	<i>Tulipa clusiana</i>	Wild	Social and Economic	Available
117	Bachita	<i>Urena lobata</i>	Wild	Social and Economic	Available
118	Bana	<i>Vitex negundo</i>	Wild	Social and Economic	Available
119	Pansar	<i>Wendlandia exserta</i>	Wild	Social and Economic	Available
120	Dhain	<i>Woodfordia floribunda</i>	Wild	Social and Economic	Available
121	Dhain	<i>Woodfordia fruticosa</i>	Wild	Social and Economic	Available
122	Dudhi	<i>Wrightia arborea</i>	Wild	Social and Economic	Available
123	Jojera	<i>Xanthiu strumarium</i>	Wild	Social and Economic	Available
124	Timbru	<i>Zanthoxylum armatum</i>	Wild	Social and Economic	Available
125	Ber	<i>Ziziphus jujuba</i>	Wild	Social and Economic	Available
126	Cribul		Wild	Social and Economic	Available
127	Kurri		Wild	Social and Economic	Available
128	Narsino		Wild	Social and Economic	Available
129	Pandal		Wild	Social and Economic	Available
130	Rala		Wild	Social and Economic	Available
131	Tai		Wild	Social and Economic	Available
132	Salag		Wild	Social and Economic	Available
133	Karmroo		Wild	Social and Economic	Available
134	Khro		Wild	Social and Economic	Available
135	Gagerda		Wild	Social and Economic	Available
136	Tottery		Wild	Social and Economic	Available
137	Kamkam		Wild	Social and Economic	Available
138	Kangi		Wild	Social and Economic	Available
139	kenye/ kenyo		Wild	Social and Economic	Available
140	lanyan		Wild	Social and Economic	Available
141	Karkai/ katkai		Wild	Social and Economic	Available
142	Gamai		Wild	Social and Economic	Available
143	Kalam/ kalen		Wild	Social and Economic	Available

144	Karmanglu		Wild	Social and Economic	Available
145	Tanda		Wild	Social and Economic	Available
146	mankarahan		Wild	Social and Economic	Available
147	Amity		Wild	Social and Economic	Available
148	Banhadma		Wild	Social and Economic	Available
149	Gangra		Wild	Social and Economic	Available
150	Kavita		Wild	Social and Economic	Available
151	Balugar		Wild	Social and Economic	Available
152	Chuindi		Wild	Social and Economic	Available
153	Doss/ sanan		Wild	Social and Economic	Available
154	Khini		Wild	Social and Economic	Available
155	Kral		Wild	Social and Economic	Available
156	Lana		Wild	Social and Economic	Available
157	Dhaman		Wild	Social and Economic	Available
158	Charmod		Wild	Social and Economic	Available
159	Badh or pipal		Wild	Social and Economic	Available
160	Behra		Wild	Social and Economic	Available
161	Bilan		Wild	Social and Economic	Available
162	Gandila		Wild	Social and Economic	Available
163	Gulmorh		Wild	Social and Economic	Available
164	Oanni		Wild	Social and Economic	Available
165	Rumble		Wild	Social and Economic	Available
166	Draink		Wild	Social and Economic	Available
167	Harad		Wild	Social and Economic	Available
168	Amb		Wild	Social and Economic	Available
169	Soyanjana		Wild	Social and Economic	Available
170	Tunnu		Wild	Social and Economic	Available
171	Neem		Wild	Social and Economic	Available
172	Plakh		Wild	Social and Economic	Available
173	Rehn		Wild	Social and Economic	Available
174	chamar sama		Wild	Social and Economic	Available
175	lasura		Wild	Social and Economic	Available
176	Kassod		Wild	Social and Economic	Available
177	tantary		Wild	Social and Economic	Available
178	Branked		Wild	Social and Economic	Available
179	Khar		Wild	Social and Economic	Available
180	Sagwan		Wild	Social and Economic	Available
181	Imli		Wild	Social and Economic	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				
Goonch	<i>Bagarius bagarius</i>	Indigenous Fresh Water Fish	Body elongate with depressed head. Head 5.6-7.2 times in SL (Talwar and Jhingran, 1991). Mouth inferior/ventral and crescentic. Dorsal inserted nearer to the adipose base than snout tip. Four pairs of barbels. Abdominal vertebrae 17-20 (Talwar and Jhingran, 1991). Caudal deeply forked, upper lobe produced into a long filamen (Rahman, 1989 and 2005). Skins on sides and above rough	River, Nallahs, Streams	Plenty	Rare	Food Fish		Cast Net, Gillnet, Hook & Line Etc.	Mahigirs/ Fishermen Community
Mali	<i>Wallagu attu</i>	Indigenous Fresh Water Fish	It has head broad, snout depressed. Body elongate, strongly compressed. Mouth very deeply cleft, its corner reaching far behind eyes. Teeth in jaws set in wide bands; vomerine teeth in two small patches	River, Nallahs, Streams	Plenty	Rare	Food Fish		Cast Net, Gillnet, Hook & Line Etc.	Mahigirs/ Fishermen Community
Seenghi	<i>Heteropneustes fossilis</i>	Indigenous Fresh Water Fish	Body elongate and compressed. Depressed head covered with osseous plate at top and sides of the head. Barbels four pairs in which maxillary pairs extend to end of pectorals or to commencement to anal and mandibular pairs extend upto base of pelvics but nasal pair considerably shorter than mandibular pairs. Outstanding anatomical feature is a pair of accessory respiratory organ (air sacs) which extends backwards from the gill-chamber on either side of vertebral column. Caudal rounded.	River, Nallahs, Streams	Plenty	Rare	Food Fish		Cast Net, Gillnet, Hook & Line Etc.	Mahigirs/ Fishermen Community
Groch	<i>Anguilla</i>	Indigenous Fresh Water Fish	Body elongate, cylindrical anteriorly, somewhat compressed posteriorly. Head rather long. Eye always rounded, small in young and yellow eels, large in silver eels. Lower jaw longer than the upper and protruding. Teeth minute, set in bands in both jaws and in a patch on vomer. Gill openings small and vertical, restricted to sides.	River, Nallahs, Streams	Plenty	Rare	Food Fish		Cast Net, Gillnet, Hook & Line Etc.	Mahigirs/ Fishermen Community

Format 21: Wild Aquatic Plant Species of Importance

1	2	3	4	5	6	7	8
Sr. No.	Local Name	Scientific Name	Variety	Features	Habitat	Importance	Trends
1	Lesser Duck Weed	<i>Lemna minor</i>	Floating	It is a floating freshwater aquatic plant, with one, two, three or four leaves each having a single root hanging in the water.	On the surface of water of ponds	Used as a livestock feed and manure for fields	
2	Aak	<i>Ipomea sps</i>	Submerged	This flowering plant is 1-3 m in height, has heart shaped leaves 6-9 inches long, stem cylindrical and hollow	On the shore of ponds	Stem used as fire wood, plants used as fencing	
3	Kamal	<i>Mallotus philippensis</i>					
4	Bareyan	<i>Acorus calamus</i>					
5	Kachalu	<i>Trapa angustifolia</i>					
6		Marsilea					
7		Eichhornia					
8		Lemna minor					

Format 22: Wild Plants of Medicinal Importance

1	2	3	4	5	6		7	8	9	10	11
Plant (Herb, Shrub, Tree)	Local Name	Scientific Name	Variety	Landscape/Habitat	Local Status		Associated TK	Uses (Usage)	Part Used	Other details market/ own use	Community/ Knowledge Holder
					Past	Present					
Tree	Khair	<i>Acacia catechu</i>	Wild	Sub- tropical	Available	Available					
Tree	Phulai or Fly	<i>Acacia modesta</i>	Wild	Sub- tropical	Available	Available					
Tree	Kikar	<i>Acacia nilotica</i>	Wild	Sub- tropical	Available	Available					
Tree	Parkanda	<i>Achyranthes aspera</i>	Wild	Sub- tropical	Available	Available					
Tree	Bel	<i>Aegle marmelos</i>	Wild	Sub- tropical	Available	Available					
Tree	Kramblu	<i>Albizia odoratissima</i>	Wild	Sub- tropical	Available	Available					
Tree	Neem	<i>Azadirachta indica</i>	Wild	Sub- tropical	Available	Available					
Tree	Simbal	<i>Bombax ceiba</i>	Wild	Sub- tropical	Available	Available					
Shrubs	Bhang	<i>Cannabis sativa</i>	Wild	Sub- tropical	Available	Available					
Shrubs	Garna	<i>Carrisa spinarum</i>	Wild	Sub- tropical	Available	Available					
Tree	Krangal	<i>Cassia fistula</i>	Wild	Sub- tropical	Available	Available					
Tree	Khas Khas	<i>Chrysogon zianoides</i>	Wild	Sub- tropical	Available	Available					
Tree	Kapoor	<i>Cinnamomum camphora</i>	Wild	Sub- tropical	Available	Available					
Tree	Fagora	<i>Ficus palmata</i>	Wild	Sub- tropical	Available	Available					
Tree	Rumble	<i>Ficus racemosa</i>	Wild	Sub- tropical	Available	Available					

Tree	Toot	<i>Morus alba</i>	Wild	Sub- tropical	Available	Available					
Shrubs	Drenkeri	<i>Murraya koenigii</i>	Wild	Sub- tropical	Available	Available					
Tree	Khajoor	<i>Phoenix sylvestris</i>	Wild	Sub- tropical	Available	Available					
Tree	Amla	<i>Phyllanthus emblica</i>	Wild	Sub- tropical	Available	Available					
Tree	Reetha	<i>Sapindus mukorossi</i>	Wild	Sub- tropical	Available	Available					
Tree	Jamun	<i>Syzyguim cumini</i>	Wild	Sub- tropical	Available	Available					
Tree	Imli	<i>Tamarndus indica</i>	Wild	Sub- tropical	Available	Available					
Tree	Arjun	<i>Termiralia arjuna</i>	Wild	Sub- tropical	Available	Available					
Tree	Bahera	<i>Termiralia bellirica</i>	Wild	Sub- tropical	Available	Available					
Tree	Harar	<i>Termiralia chebula</i>	Wild	Sub- tropical	Available	Available					
Herbs	Giloe	<i>Tinospora sinesis</i>	Wild	Sub- tropical	Available	Available					

Format 24: Ornamental Plants

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

Format 29: Flora

1	2	3	4	5	6	7
Sr. No.	Local Name	Scientific Name	Type of Plants	Habitat	Flowering Season	Remarks (Rare/ Common etc.)
1	Kikar	<i>Acacia nilotica</i>	Broad leave	sub tropical	summer	Common
2	Mango	<i>Mangifera indica</i>	Broad leave	sub tropical	summer	Common
3	Safeda	<i>Eucalyptus spp.</i>	Broad leave	sub tropical	summer	Common
4	Sree	<i>Albizia lebbek</i>	Broad leave	sub tropical	summer	Common
5	Talli	<i>Dalbergia sissoo</i>	Broad leave	sub tropical	summer	Common
7	Popular	<i>Populus ciliata</i>	Broad leave	sub tropical	summer	Common
9	Jammun	<i>Syzigium cummni</i>	Broad leave	sub tropical	summer	Common

Format 31: Any other information of local importance

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

Format 30: Fauna

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

17	Crocodile		Aquatic Animals	Aquatic	Rare
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