

Peoples' Biodiversity Register (PBR): General Details

Name of the Panchayat Samiti: SAMLAH AMLI

Taluk: SAMBA

District: SAMBA

State: JAMMU & KASHMIR (UT)

Geographical Area of the Panchayat Samity:

Population under the Panchayat Samity: Total 3237

Male: 1657

Female: 1620

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: Shmt. Deepmala (Sarpanch)

M. no :9622253663

Gender: Female

Address: Dhalot

Area of Specialization:H/W

2) Name: Reeta Devi

Age:- 44

Gender: Female

Address: Penthi

Area of Specialization:

3) Name: Rajinder Pual(sc)

Age:- 55

Gender: Male

Address: Amla

Area of Specialization: Ex-servicemen

4) Name: Purvashi Sambyal

Age:- 38

Gender: Female

Address: Dhalot

Area of Specialization: H/W

5) Name: Mulk Raj

Age:- 48

Gender: Male

Address: Nanetar

Area of Specialization: social worker

6) Name: Raj Kumar (SC)

Age:- 60

Gender: Male

Address: Kupri

Area of Specialization: Ex-servicemen

7) Name: Balbir Singh

Age:- 48

Gender: Male

Address: Penthi

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: nil

Age:- nil

Gender: nil

Address: nil

Area of Specialization: nil

Location from which the person accesses biological material: nil

Perception of the practitioner on the resource status: nil

Medicinal use: nil

2) Name: nil

Age:- nil

Gender: nil

Address: nil

Area of Specialization: nil

Location from which the person accesses biological material: nil

Perception of the practitioner on the resource status: nil

Medicinal use: nil

3) Name: nil

Age:- nil

Gender: nil

Address: nil

Area of Specialization: nil

Location from which the person accesses biological material: nil

Perception of the practitioner on the resource status: nil

Medicinal use: nil

Annexure 3

List of individuals perceived by the villagers to possess Traditional Knowledge (TK) related to biodiversity in agriculture, fisheries and forestry
1) Name: Krishan chand
Age:- 65
Gender: Male
Address: Kupri
Area of Specialization: horticulture expert
2) Name: Jaswant singh
Age:- 45
Gender: Male
Address: Dhalot
Area of Specialization: mushroom expert
3) Name: nil
Age:- nil
Gender: nil
Address: nil
Area of Specialization: nil
4) Name: nil
Age:- nil
Gender: nil
Address: nil
Area of Specialization: nil

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: nil
2) Contact Person Name and Address: nil
3) Contact Person Name and Address: nil
4) Contact Person Name and Address: nil
5) Contact Person Name and Address: nil
6) Contact Person Name and Address: nil

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 aestivum</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	_

Rice	<i>Oryza sativa</i>	Munji	Sharbati	Low land valley	6.09	rare	rare	_do_	Kharif	for food & fodder	_do_	-	seasonal govt seed store and shop also	-
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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 vailable 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, Perlet, 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 vailable 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	Good	Grafted Plants	March to Jan.	Record vailable 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 vailable 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 vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
9	Woody Tree	<i>Ctrus limon</i>	Galgal	Wild	Sub-tropical	Good	Good	Seedling andn Grafted Plants	March to Sept.	Record vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
10	Woody Tree	<i>Ctrus medica</i>	Kimb	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record vailable 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 vailable in old books.	Processing, root stock	Own uses and sold in market	Popular in local population.
12	Woody Tree	<i>Citrus limetoides</i>	Mithoo	Wild	Sub-tropical	Good	Good	Seedling trees	March to Sept.	Record vailable 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 vailable in old books.	Processing.	Own uses and sold in market	Popular in local population.
14	Woody Tree	<i>Citrus tangerina</i>	Narangi	Wild	Sub-tropical	Good	Good	Grafted Plants	March to Dec.	Record vailable 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 vailable 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 vailable in old books.	Table purposes	Own uses and sold in market	Popular in local population.

17	Bush	<i>Grewia subinaequalis</i>	Phalsa	Wild	Sub-tropical	Good	Good	Seedlings and Cuttings	March to July	Record available in old books.	Processing	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.
20	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.
21	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.
22	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.
23	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.
24	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.
25	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.

26	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.
27	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.
28	Woody Tree	<i>Atrocarpus lakoocha</i>	Dew	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record vailable in old books.	Pickle Purposes.	Own uses and sold in market	Popular in local population.
29	Soft Tree	<i>Carica papaya</i>	Papita	Wild, Red Lady, Pusa Nana	Sub-tropical	Good	Good	Seedlings and hybrids	March to Nov.	Record vailable in old books.	Table purposes.	Own uses and sold in market	Popular in local population.
30	Woody Tree	<i>Caprificus insectifera</i>	Rumble	Wild	Sub-tropical	Good	Good	Seedlings	March to July	Record vailable in old books.	Medicinal purposes.	Own uses	Not much known.
31	Woody Tree	<i>Terminalia bellirica</i>	Behra	Wild	Sub-tropical	Good	Good	Seedlings	March to August	Record vailable 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 6: Markets for Domesticated animals

1	2	3	4	5	6	7	8	9
Name of the market and 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
No specified market, livestock is purchased directly from farmers home	Monthly	Local/ Crossbred Sheep & Goat	5-10	Local	Main Market, Samba			
do	Monthly	Local/ Crossbred Sheep & Goat	5-11	Local	Hiranagar, Kathua			
do	Monthly	Local/ Crossbred Sheep & Goat	5-12	Local	Chadwal, Kathua			
do	Monthly	Local/ Crossbred Sheep & Goat	5-13	Local	Jammu			

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 - 4%	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	Chamar, Megh, Marsha		Barren	5
Scheduled Tribe- 25%	Labour, Animal & sheep Husbandry		Land	Domesticated animals:- Cattle (Bos Indicus, Bos Taurus), Buffalo (Babalus Bubalis)		Personal consumption & market use	Gujjar, Bakarwal			6
General- 20%	Labour, agriculture	Animal Husbandry	Land	Crops:- Kharif:- Paddy, Maize Rabi:- Wheat, mustard	_do_	_do_	Brahmana , Rajput , Jatt		Barren	
OBC- 15%							Tarkhan , Lohar			

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			
Shiwalik 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			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 , Govt		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Dug wells			Private		Frogs , fishes, Torotoise, snakes, snail,	Cattles, washing cloths, irrigation, Drinking etc	public					
Hand pumps			Private , 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 podozolic 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, Perlet, 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>Emblica 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.
7	Woody Tree	Sangtra	<i>Citrus reticulata</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>Citrus 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 limettoides</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 available in old books.	Own uses and sold in market	Popular in local population.
29	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 available 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	Dudlu	<i>Taraxacum officinale</i>		Temperate area	Root	Rare	Rare	nil	Leaves	N.A	N.A	Generally, held by community
Herbs	Tarad	<i>Dioscorea belophylla</i>		Lower shiwalik	Seed	Abundant	Abundant	nil	Root	N.A	N.A	Generally, held by community
Herbs	Jungli putna	<i>Mentha arvensis</i>		Lower shiwalik/Tempera te 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 sativa</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	Bheda	<i>Terminalia bellerica</i>		Lower shiwalik	Seed	Rare	Abundant	nil	Fruit	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

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>							
	Bogan Bael	<i>B.Sp & hybrids</i>							
	Motia	<i>Jasminum sambac</i>							
	Agave	<i>Agave angustifolia</i>							
	Rose	<i>rosa rubiginosa</i>							
	Gutta	<i>Marie Gold</i>							
	Rat ki Rani	<i>cestrum nocturnum</i>							

Format 14: Timber Plants/ Trees

1	2	3	4	5		6	7	8	9	10
Plant Type	Local Name	Scientific Name	Habitat	Local Status		Wild/ Home garden	Other uses (multi)	Associated TK	Other details	Community/ Knowledge Holder
				Past	Present					
Trees	Kiker	<i>Acacia Nilotica</i>	Lower shiwalik	Rare	Rare	Wild	own	nil	nil	Generally, held by community
Trees	Mangoo	<i>Mangifera Indica</i>	Lower shiwalik	Abundant	Abundant	Wild/ home-garden	own	nil	nil	Generally, held by community
Trees	Safeda	<i>Eucalyptus spp.</i>	Lower shiwalik	Rare	Abundant	Wild	commercial	nil	nil	Generally, held by community
Trees	Sree	<i>Albizia lebbeck</i>	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Talli	<i>Dalbergia sissoo</i>	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Tuni	<i>Toona ciliata</i>	Lower shiwalik	Abundant	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Popular	<i>Populus ciliata</i>	Lower shiwalik	Rare	Abundant	Wild	own	nil	nil	Generally, held by community
Trees	Jammun	<i>Syzygium cumini</i>	Lower shiwalik	Rare	Abundant	Wild	own	nil	nil	Generally, held by community
	Simbal	<i>Bombax Ceiba</i>				Wild				

	Phulai	<i>Acacia Modesta</i>								
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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/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 16: Culture Fisheries

1	2	3	4	5	6	7		8	9	10	11	12
Fish Type	Local Name	Scientific Name	Variety	Features	Waterscape (pond/bheri/ talao)	Local Status		Uses	Associated TK	Commercial rearing	Other details	Community/ Knowledge Holder
						Past	Present					
Indian Major Carps	Catla	<i>Catla catla</i>	IMC	Catla is a fish with large and broad head, a large protruding lower jaw and upturned mouth. It has large, greyish scales on dorsal side and whitish on belly.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Indian Major Carps	Rohu	<i>Labeo rohita</i>	IMC	Herbivorous, its dorsal profile more convex than ventral, body with scales, head without scales, column to bottom feeder, mouth small and inferior with fringed lower lip. Cultured mostly in plain areas.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Indian Major Carps	Mrigal	<i>Cirrhinus mrigala</i>	IMC	Omnivorous, bilaterally symmetrical and streamlined, head and snout devoid of scales, mouth inferior, barbels absent, cultured mostly in plain areas.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Exotic Carps	Silver Carp	<i>Hypophthalmichthys molitrix</i>	Exotic Carp/ Chinese Carp	Smaller head, upturned mouth without teeth, silver in colour, minute scales, highly branched gill rakers, mouth superior, herbivorous.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Exotic Carps	Grass Carp	<i>Ctenopharygodon idella</i>	Exotic Carp/ Chinese Carp	Body cylindrical, compressed laterally, terminal mouth is slightly oblique with non fleshy lips, no barbels, 40-42 scales on lateral line, herbivorous, readily accepts green fodder/grass.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community
Exotic Carps	Common Carp	<i>Cyprinus carpio</i>	Exotic Carp/ Scale Carp	Omnivorous, body laterally compressed two pair of barbels, dorsal fin long, protrudible mouth and lips are extended like a short tube for sucking up food, hardy in nature.	Ponds	Plenty	Plenty	Food Fish	-	Yes	Caught by drag/ cast net. Breeds during monsoon. Accepts natural as well as artificial feed.	Fish Farming Community

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	Panjphulli	<i>Lantana camara</i>	Wild	Social and Economic	Available
75	Mithu grass	<i>Lathyrus sativus</i>	Wild	Social and Economic	Available
76	Kamila	<i>Mallotus philippensis</i>	Wild	Social and Economic	Available
77	Baryar	<i>Malvastrum coromandelianum</i>	Wild	Social and Economic	Available
78	Aam	<i>Mangifera Indica</i>	Wild	Social and Economic	Available
79	Drehnk	<i>Melia azedarach</i>	Wild	Social and Economic	Available
80	Kaam	<i>Mitragyna parvifolia</i>	Wild	Social and Economic	Available
81	Toot	<i>Morus alba</i>	Wild	Social and Economic	Available
82	Drenkeri	<i>Murraya koenigii</i>	Wild	Social and Economic	Available
83	Gandila	<i>Nerium oleander</i>	Wild	Social and Economic	Available
84	Kua	<i>Olea europaea subsp.</i>	Wild	Social and Economic	Available
85	Chitter	<i>Opuntia elatior</i>	Wild	Social and Economic	Available
86	Tetar	<i>Oroxylum indicum</i>	Wild	Social and Economic	Available
87	Congress grass or Jari	<i>Parthenium hysterophorus</i>	Wild	Social and Economic	Available
88	Deena nath grass	<i>Pennisetum pedicellatum</i>	Wild	Social and Economic	Available
89	Napier grass	<i>Pennisetum purpureum</i>	Wild	Social and Economic	Available
90	Khajoor	<i>Phoenix sylvestris</i>	Wild	Social and Economic	Available
91	Amla	<i>Phyllanthus emblica</i>	Wild	Social and Economic	Available
92	Chir	<i>Pinus roxburghii</i>	Wild	Social and Economic	Available
93	Daduni	<i>Punica grantum</i>	Wild	Social and Economic	Available
94	Jojra	<i>Pupalia lappacea</i>	Wild	Social and Economic	Available
95	Basant panchami	<i>Reinwardtia indica</i>	Wild	Social and Economic	Available
96	Arnid	<i>Ricinus communis</i>	Wild	Social and Economic	Available
97	Junglee Palak	<i>Rumex hastatus</i>	Wild	Social and Economic	Available
98	Khar	<i>Saccharu, bengalense</i>	Wild	Social and Economic	Available
99	Kai	<i>Saccharu spontaneum</i>	Wild	Social and Economic	Available
100	Reetha	<i>Sapindus mukorossi</i>	Wild	Social and Economic	Available
101	Bari Kasondi	<i>Senna occidentalis</i>	Wild	Social and Economic	Available
102	Kassod	<i>Senna slamea</i>	Wild	Social and Economic	Available
103	Cassia	<i>Senna sulfurea</i>	Wild	Social and Economic	Available
104	Panwar	<i>Senna tora</i>	Wild	Social and Economic	Available
105	Kezun grass	<i>Setaria sphacelata</i>	Wild	Social and Economic	Available

106	Kayan Kothi	<i>Solanum americanum</i>	Wild	Social and Economic	Available
107	Ban tamakoo	<i>Solanum erianthum</i>	Wild	Social and Economic	Available
108	Jamun	<i>Syzygium cumini</i>	Wild	Social and Economic	Available
109	Imli	<i>Tamarindus indica</i>	Wild	Social and Economic	Available
110	Phul dudi	<i>Taraxacum campylodes</i>	Wild	Social and Economic	Available
111	Arjun	<i>Terminalia arjuna</i>	Wild	Social and Economic	Available
112	Bahera	<i>Terminilia bellirica</i>	Wild	Social and Economic	Available
113	Harar	<i>Terminilia chebula</i>	Wild	Social and Economic	Available
114	Giloe	<i>Tinospora sinensis</i>	Wild	Social and Economic	Available
115	Tunu	<i>Toona ciliata</i>	Wild	Social and Economic	Available
116	Jiyo	<i>Trema orientalis</i>	Wild	Social and Economic	Available
117	Pakhra	<i>Tribulus terrestris</i>	Wild	Social and Economic	Available
118	Kayalu	<i>Tulipa clusiana</i>	Wild	Social and Economic	Available
119	Bachita	<i>Urena lobata</i>	Wild	Social and Economic	Available
120	Bana	<i>Vitex negundo</i>	Wild	Social and Economic	Available
121	Pansar	<i>Wendlandia exserta</i>	Wild	Social and Economic	Available
122	Dhain	<i>Woodfordia floribunda</i>	Wild	Social and Economic	Available
123	Dhain	<i>Woodfordia fruticosa</i>	Wild	Social and Economic	Available
124	Dudhi	<i>Wrightia arborea</i>	Wild	Social and Economic	Available
125	Jojera	<i>Xanthiu strumarium</i>	Wild	Social and Economic	Available
126	Timbru	<i>Zanthoxylum armatum</i>	Wild	Social and Economic	Available
127	Ber	<i>Ziziphus jujuba</i>	Wild	Social and Economic	Available
128	Kral		Wild	Social and Economic	Available
129	Lana		Wild	Social and Economic	Available
130	Dhaman		Wild	Social and Economic	Available
131	Charmod		Wild	Social and Economic	Available
132	Badh or pipal		Wild	Social and Economic	Available
133	Behra		Wild	Social and Economic	Available
134	Bilan		Wild	Social and Economic	Available
135	Gandila		Wild	Social and Economic	Available
136	Gulmorh		Wild	Social and Economic	Available
137	Oanni		Wild	Social and Economic	Available
138	Rumble		Wild	Social and Economic	Available
139	Draink		Wild	Social and Economic	Available
140	Harad		Wild	Social and Economic	Available
141	Amb		Wild	Social and Economic	Available
142	Soyanjana		Wild	Social and Economic	Available
143	Tunnu		Wild	Social and Economic	Available

144	Neem		Wild	Social and Economic	Available
145	Plakh		Wild	Social and Economic	Available
146	Rehn		Wild	Social and Economic	Available
147	chamar sama		Wild	Social and Economic	Available
148	lasura		Wild	Social and Economic	Available
149	Kassod		Wild	Social and Economic	Available
150	tantary		Wild	Social and Economic	Available
151	Branked		Wild	Social and Economic	Available
152	Khar		Wild	Social and Economic	Available
153	Sagwan		Wild	Social and Economic	Available
154	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	Akk	<i>Ipomea Camea</i>					
4	kamal	<i>Nelumbo nucifera Hydrilla Spp</i>					
5	Baryan	<i>Acorus calamus</i>					

6	Kachalu	Trpha Angustifolia					
7		Lemna minor					
8		Marsilea					
9		Eichhornea					
10	Brenker	Justicia adhatoda					

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>Syzygim 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	<i>Bombax Ceiba</i>	Wild	Forest/roadside	Non- commercial			
Thub/ Dudhruk	<i>Erythrina spp.</i>	Wild	Forest/roadside	Non- commercial			
Siris	<i>Allbzia</i>	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	Mosquito		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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