

Supplementary Table 1. Folklore medicinal plants of Samar Bagh Valley district Lower Dir, Khyber Pakhtunkhwa province, Pakistan

Sr. No.	Botanical Name	Local names	Family	Habit	Part/ s used	Ethnomedicinal uses
1	<i>Acacia nilotica</i> (L.) Delile	Kikar	Mimosaceae	Tree	Gum	Gum used as a tonic for curing diarrhea, dysentery and diabetes.
2	<i>Achyranthes aspera</i> L.	Nari Ghishkay	Amaranthaceae	Herb	Leaves	Fresh leaves ground and a paste prepared; applied on pus cells and fractured bones.
3	<i>Aconitum heterophyllum</i> Wall. ex Royle	Sarba wali	Ranunculaceae	Herb	Rhizome	Tubers anti-pyretic, analgesic, appetizer, anthelmintic, astringent and used in gastric pain, diarrhea and stomach ache.
4	<i>Ajuga bracteosa</i> Wall. ex Benth	Spin booti	Lamiaceae	Herb	Whole plant	Extract effective against jaundice, throat infection and helpful in blood purification.
5	<i>Alium cepa</i> L.	Peyaz	Lilaceae	Herb	Bulb	Bulb used against insects biting, Anti oxidant, juice used for dissolving kidney stones and also as a sex stimulant.
6	<i>Alium sativa</i> L.	Oogha	Liliaceae	Herb	Bulb	Used against high blood pressure, heart problems and as a tonic for stomach problems.
7	<i>Alnus nitida</i> (Spach) Endl.	Geiray	Betulaceae	Tree	Bark	Bark used as expectorant, diuretic and sedative.
8	<i>Amaranthus viridis</i> L.	Chalwie	Amaranthaceae	Herb	Roots, leaves	Roots laxative; leaves mixed with mustard oil and used for abscesses.
9	<i>Ammi visnaga</i> (L.) Lam	Spairkai	Apiaceae	Herb	Seeds	Seeds used in asthma, whooping cough and chest infections.
10	<i>Artemisia scoparia</i> Waldst. & Kitam	Jaukay	Asteraceae	Herb	Root	Root powder used to treat epilepsy; mixed with tea and used for sore throat.
11	<i>Artemisia vulgaris</i> L.	Tarkha	Asteraceae	Herb	Leaves	Leaves used to cure inflammation and irritation of skin.
12	<i>Berberis lycium</i> Royle	Kwarii	Berberidaceae	Shrub	Rhizome	Rhizome extract used against jaundice and stomach problems.
13	<i>Bergenia ciliata</i> (Haw.) Sternb.	Kamar Panra	Saxifragaceae	Herb	Leaf	Leaves used as a tonic to reduce muscular pain, demulcent, diuretic, astringent and in the removal of kidney and bladder stones.
14	<i>Cannabis sativa</i> L.	Bhang	Cannabaceae	Herb	Seeds	Seeds narcotic and antispasmodic.

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15	<i>Calotropis procera</i> (Aiton) Dryand.	Spalmai	Asclepiadaceae	Herb	Leaves, latex	Leaves used in cholera, asthma and dental cleaning. Latex used against snake bites.
16	<i>Cedrus deodara</i> (Roxb. ex D. Don) G. Don	Diyar	Pinaceae	Tree	Resins	Resins used for the curing of skin disorders and is a useful tonic.
17	<i>Chenopodium album</i> L.	Sarma	Amaranthaceae	Herb	Leaf	Dry leaves used in ache.
18	<i>Citrus limon</i> (L.) Burm.f.	Laimbu	Rutaceae	Tree	Fruit	Fruits used in blood pressure, kidney stone and bleeding of gums.
19	<i>Colchicum luteum</i> Baker.	suranjan	Liliaceae	Herb	Dried corms	Used as a laxative, blood purifier, anti-rheumatic, aphrodisiac, carminative and against cancer.
20	<i>Convolvulus arvensis</i> L.	Priwathai	Convolvulaceae	Herb	Leaves	10-15 g leaves crushed, boiled in milk, filtered and the extract administered to patients of epilepsy for ten days.
22	<i>Datura alba</i> F. Muell.	Datura	Solanaceae	Shrub	Leaf & seeds	Leaf extract used for toothache, epilepsy and headache. Externally leaves used for treatment of swollen limbs. Seeds antipyretic, narcotic used to poison dogs.
23	<i>Dodonaea viscosa</i> (L.) Jacq.	Ghwraskay	Sapindaceae	Shrub	Leaf	Leaves kept on joints to reduce pains, swellings and to soften boils.
24	<i>Geranium wallichianum</i> D. Don ex Sweet	Srazela	Gentianaceae	Herb	Roots	Roots used in treatment of mouth ulcers and as astringent against chronic dysentery, diarrhea and leucorrhoea.
25	<i>Juglans regia</i> L.	Ghuz	Juglandaceae	Tree	Leaf, bark	Bark used for cleaning teeth and lipsticks. Decoction of leaves given for eczema and intestinal worms.
26	<i>Lantana camara</i> L.	Panj poole	Verbenaceae	Shrub	Leaf, seeds	Leaves carminative, diaphoretic, anti-and antispasmodic. Leaf decoction used in malaria, rheumatism and tetanus.
27	<i>Mentha longifolia</i> (L.) Huds.	Wanily	Lamiaceae	Herb	Leaf	Leaf extract used against dysentery and vomiting. of Dry leaf powder used against asthma.
28	<i>Mentha spicata</i> L.	Podina	Lamiaceae	Herb	Leaf	Leaves used in dyspepsia and in Salad as a carminative. Leaf extract used as mouth wash.
29	<i>Nerium oleander</i> L.	Gandery	Apocynaceae	Shrub	Leaves	Leaf decoction used for dental pain and bleeding gums.

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30	<i>Oxalis corniculata</i> L.	Threwakay	Oxalidaceae	Herb	Whole plant	Fresh extract used for stomach diseases.
31	<i>Pinus roxburghii</i> Serg	Nakhtar	Pinaceae	Tree	Resin	Resins used against snake bites, ulcer and skin diseases.
32	<i>Pyrus pashia</i> Buch.Ham.ex. D.Don	Tanga	Rosaceae	Tree	Fruits	Fruits sedative, laxative and febrifuge.
33	<i>Quercus oblongata</i> D.Don.	Seray	Fagaceae	Tree	Bark, fruit	Bark bandaged for cracked bones and fruits used in urinary infections.
34	<i>Rubus fruticosus</i> L.	Karwara, Baganra	Rosaceae	Shrub	Leaf, fruits	Leaves useful for fever, cough and diarrhea. Fruit extract used as antiasthmatic and tonic.
35	<i>Taraxacum officinale</i> L., Weber ex F.H.Wigg.	Ziar guly	Asteraceae	Herb	Leaves	Leaves anti pyretic and also relives cough.
36	<i>Viola sarpins</i> Wall. ex. Roxb.	Banafsha	Violaceae	Herb	Whole plant	It is used as diaphoretic, purgative, anticancer agent, febrifuge and used in chest and throat infections.
37	<i>Vitis vinifera</i> L.	Angoor	Vitaceae	Shrub	Leaf & fruits	Fruit and leaves used as stomachache, Kidney stone dilation, astringent, demulcent, laxative, cardiac pain, asthma, heart ailments.
38	<i>Xanthium strumarium</i> L.	Ghut ghiskay	Asteraceae	Herb	Leaves	Leaf decoction used against malaria.
39	<i>Zingiber officinale</i> Roscoe	Adrak	Zingiberaceae	Herb	Rhizome	Rhizome tea used for loss of weight, colic and for improving blood circulation.
40	<i>Zizyphus jujuba</i> Mill.	Markhani	Rhamnaceae	Tree	Seeds	Seeds used in dry cough, stimulant and carminative.
41	<i>Zizyphus numularia</i> (Burm. f.)	Mumanrha	Rhamnaceae	Shrub	Fruits	Fruits used against hepatitis.