



## Ethnobotanical analysis of medicinal plants used in the tribal communities of Takht-E-Nasrati, district Karak, Khyber Pakhtunkhwa

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### Supplementary Material

Table 1: Ethnobotanical uses of plants (Botanical Name, Local Name, Part used, Diseases)

Family	Botanical Name	Local Name	Habit	Voucher Number	Part used	Diseases
Acanthaceae	<i>Justicia adhatoda</i> (L.) Huth.	Baiker/Bazza	Shrub	Rafi. 01 (PUP)	Whole plant	Cough & tuberculosis
	<i>Diclepthera buleuroides</i> Nees.	Tura panra	Herb	Rafi. 02 (PUP)	Flower	Skin, eczema & tonics
Aizoaceae	<i>Trianthema portulacastrum</i> L.	Warkhora	Herb	Rafi. 03 (PUP)	Leaves	Skin & constipation
Alliaceae	<i>Allium cepa</i> L.	Pyoz	Herb	Rafi. 04 (PUP)	Leaves	Digestion & sexual problems
	<i>Allium sativum</i> L.	Veza	Herb	Rafi. 05 (PUP)	Bulb	Blood purifier
Aloaceae	<i>Aloe vera</i> (L.) Burm.f.	Zargya	Shrub	Rafi. 06 (PUP)	Leaf & Latex	Skin, hairs, blood purifier & diabetes
Amaranthaceae	<i>Achyranthus aspera</i> L.	Kurashkye	Herb	Rafi. 07 (PUP)	Seeds & Root	Jaundice & blood purifier
	<i>Aerva javanica</i> (Burm.f.) Juss.ex Schult.	Khurr Sassa	Herb	Rafi. 08 (PUP)	Stem & Root	Skin, hemorrhoids & wound healing
	<i>Aerva persica</i> Burm.f.	Speen sassa	Herb	Rafi. 09 (PUP)	Leaves & Flower	Skin & wound healing
	<i>Amaranthus viridis</i> L.	Ranzaka	Herb	Rafi. 10 (PUP)	Leaves & Stem	Constipation & eye sight
	<i>Digera muricata</i> (L.) Mart.	Soor gulai	Herb	Rafi. 11 (PUP)	Flower	Skin
Anacardiaceae	<i>Caralluma edulis</i> (Edgew.) Benth.ex Hook.f.	Pamana	Herb	Rafi. 12 (PUP)	Stem	Intestinal infection & diabetes
	<i>Pistacia chinensis</i> Bunge.	Sroon	Shrub	Rafi. 13 (PUP)	Flower	Skin
Apocynaceae	<i>Rhazya stricta</i> Dcne.	Gandaira	Shrub	Rafi. 14 (PUP)	Leaves	Pimples (skin) & diabetes
Arecaceae	<i>Phoenix dactylifera</i> L.	Khajora	Tree	Rafi. 15 (PUP)	Fruit	Digestion, constipation & sexual disorders
	<i>Palma altimismia</i> Mill.	Teeta khajora	Tree	Rafi. 16 (PUP)	Fruit	Digestion, constipation & sexual disorders
	<i>Nanorrhopes ritchiana</i> (Griff.) Aitch.	Mazara	Shrub	Rafi. 17 (PUP)	Leaves	Skin & blood purifier
Asparagaceae	<i>Asparagus gracilis</i> Royle.	Laychaga	Herb	Rafi. 18 (PUP)	Leaves & flower	Hypertension
Asphodelaceae	<i>Asphodelus tenuifolius</i> Cav.	Pyozakai	Herb	Rafi. 19 (PUP)	Seeds	Diuretic & swallowing inflammation

Asclepiadaceae	<i>Calotropis procera</i> (Aiton) Dryand.	Spelmaka	Shrub	Rafi. 20 (PUP)	Leaves	Skin & anesthetic
	<i>Calotropis gigantea</i> (L.) Dryand.	Spelmay	Shrub	Rafi. 21 (PUP)	Leaves	Skin & anesthetic
	<i>Periploca aphylla</i> Dcne.	Barrara	Shrub	Rafi. 22 (PUP)	Leaves	Skin & constipation
	<i>Caralluma tuberculata</i> (N.E.Br) Meve & Liede.	Pawana	Herb	Rafi. 23 (PUP)	Stem	Intestinal infection & diabetes
Asteraceae	<i>Carthamus oxyacanta</i> M. Bieb	Kattasora	Herb	Rafi. 24 (PUP)	Leaves & Seeds	Ulcer, toothache & blood purifier
	<i>Carthamus tinctorius</i> L.	Kattasora	Herb	Rafi. 25 (PUP)	Leaves & Seeds	Ulcer, toothache & blood purifier
	<i>Calendula arvensis</i> M. Bieb	Zair gulai	Herb	Rafi. 26 (PUP)	Flower and Leaves	Skin & stimulant
	<i>Cirsium arvense</i> (L.) Scop.	Dza tareeza	Herb	Rafi. 27 (PUP)	Whole plant	Worms in children
	<i>Conyza boneriensis</i> L.	Harsh sassa	Herb	Rafi. 28 (PUP)	Seeds & Leaves	Dysentery, Diarrhea, skin & blood purifier
	<i>Conyza canadensis</i> L.	Malooch gul	Herb	Rafi. 29 (PUP)	Seeds & Leaves	Skin & blood purifier
	<i>Echinops echinatus</i> Roxb.	Azghai	Herb	Rafi.30 (PUP)	Flower & seeds	Jaundice & blood purifier
	<i>Helianthus annus</i> L.	Myer gul	Herb	Rafi. 31 (PUP)	Stem & seeds	Skin, hairs, bones & male impotency
	<i>Inula helenium</i> L.	Lewany sponda	Herb	Rafi. 32 (PUP)	Stem & flower	Skin & blood purifier
	<i>Launea procumbens</i> (Roxb.) Ramayya & Rajagopal	Tarezsha	Herb	Rafi. 33 (PUP)	Flower & leaves	Skin, blood purifier, diuretic & antidote
	<i>Sonchus asper</i> (L.) Hill.	Kandiari	Herb	Rafi. 34 (PUP)	Leaves & root	Skin & blood purifier
	<i>Sonchus arvensis</i> L.	Shna tareeza	Herb	Rafi. 35 (PUP)	Leaves & root	Skin & blood purifier
	<i>Saussurea heteromalla</i> (D. Don) Hand.-Mazz	Zaro bota	Herb	Rafi. 36 (PUP)	Roots	Removing phlegm, aphrodisiacs, liver & kidney
	<i>Parthenium hysterophorus</i> L.	Lewanai bhange	Herb	Rafi. 37 (PUP)	Leaves	Joint pain
	<i>Taraxacum officinale</i> (L.) Weber ex F.H.Wigg	Zair gul	Herb	Rafi. 38 (PUP)	Flower & Leaves	Jaundice & diabetes
<i>Xanthium strumarium</i> L.	Malghonre	Herb	Rafi. 39 (PUP)	Whole plant	Hemorrhoids	
Apiaceae	<i>Coriandrum sativum</i> L.	Danrya	Herb	Rafi. 40 (PUP)	Leaves	Stomach & intestinal problems
	<i>Daucus carota</i> L.	Gajjara	Herb	Rafi. 41 (PUP)	Stem & leaves	Skin, eye sight & digestion
	<i>Foeniculum vulgare</i> Mill.	Lewani gajjara	Herb	Rafi. 42 (PUP)	Leaves	Constipation
Brassicaceae	<i>Brassica rapa</i> L.	Teepaar	Herb	Rafi. 43 (PUP)	Stem	Blood purifier & constipation
	<i>Brassica campestris</i> L.	Weryai	Herb	Rafi. 44 (PUP)	Whole plant	Stomach, hairs & skin
	<i>Cardaria chalepensis</i> (L.) Hand.-Mazz.	Khatool	Herb	Rafi. 45 (PUP)	Leaves	Skin & constipation
	<i>Eruca sativa</i> Mill.	Tareeh shasham	Herb	Rafi. 46 (PUP)	Leaves	Aphrodisiacs, skin, hairs & stomach
	<i>Farsetia jacquomontii</i> Hook.f. & Thoms.	Balanza	Herb	Rafi. 47 (PUP)	Leaves & flower	Rheumatism, stomach & skin
	<i>Nasturtium officinale</i> R.Br.	Jabby boota	Herb	Rafi. 48 (PUP)	Shoots	Stomach & constipation
	<i>Raphanus sativus</i> L.	Moly	Herb	Rafi. 49 (PUP)	Whole plant	Dysentery & digestion
	<i>Sisymbrium irio</i> L.	Zangali weryai	Herb	Rafi. 50 (PUP)	Leaves & seeds	Skin & constipation
Boraginaceae	<i>Heliotropium strigosum</i> Willd.	Jono dandosa	Herb	Rafi. 51 (PUP)	Leaves & fruit	Hemorrhoids
Berberiaceae	<i>Berberis lycium</i> Royle.	Zair larga	Shrub	Rafi. 52 (PUP)	Roots	Jaundice & diabetes
Buxaceae	<i>Buxus papillosa</i> C.K. Schneid.	Shamshoot	Tree	Rafi. 53 (PUP)	Leaves & roots	Skin, headache & malaria
Cactaceae	<i>Opuntia ficus indica</i> (L.) Mill.	Zarkam	Shrub	Rafi. 54 (PUP)	Leaves & fruit	Increase & purifies blood
Caryophyllaceae	<i>Silene conoidea</i> L.	Zangali boota	Herb	Rafi. 55 (PUP)	Whole plant	Cancer & diabetes
	<i>Stellaria media</i> (L.) Vill.	Wosha	Herb	Rafi. 56 (PUP)	Root & leaves	Constipation & intestinal problem
Capparadiaceae	<i>Capparis decidua</i> (Forssk.) Edgew	Tapp	Shrub	Rafi. 57 (PUP)	Whole plant	Cough, asthma & constipation
	<i>Capparis spinosa</i> L.	Zangli togh	Herb	Rafi. 58 (PUP)	Root & flower	Skin
	<i>Cleome viscosa</i> L.	Zangali mater	Herb	Rafi. 59 (PUP)	Leaves	Skin

	<i>Cleome brachycarpa</i> Vahl ex Dc.	Zangali mater	Herb	Rafi. 60 (PUP)	Leaves	Skin
Caprifoliaceae	<i>Lonicera japonica</i> Thunb.	Prewathye	Herb	Rafi. 61 (PUP)	Whole plant	Skin, headache & diabetes
Celastraceae	<i>Parkinsonia aculeata</i> L.	Angrezi kikar	Shrub	Rafi. 62 (PUP)	Shoots & gums	Skin & constipation
Celastraceae	<i>Gymnosporia royleana</i> Wall. ex M.A. Lawson	Soor azghai	Shrub	Rafi. 63 (PUP)	Fruit & seeds	Male impotency & infertility
Chenopodiaceae	<i>Spinacia oleracea</i> L.	Palak	Herb	Rafi. 64 (PUP)	Leaves	Constipation, skin & eye sight
	<i>Chenopodium murale</i> L.	Surmi	Herb	Rafi. 65 (PUP)	Leaves & flower	Constipation & blood purifier
	<i>Chenopodium ambrosoides</i> L.	Lewani soba	Herb	Rafi. 66 (PUP)	Leaves & flower	Skin & wounds healing
	<i>Chenopodium album</i> L.	khuz soba	Herb	Rafi. 67 (PUP)	Leaves & flower	Carminative & diuretic
Cannabaceae	<i>Cannabis sativa</i> L.	Bhang	Herb	Rafi. 68 (PUP)	Leaves & flower	Diuretic & joints pain
Convulvulaceae	<i>Convolvulus arvensis</i> L.	Srra prewathye	Herb	Rafi. 69 (PUP)	Whole plant	Burning of skin & constipation
	<i>Convolvulus pluricaulis</i> Choisy.	Spena prewathye	Herb	Rafi. 70 (PUP)	Whole plant	Burning of skin, constipation & wounds healing
	<i>Evolvulus alsinoides</i> (L.) L	Zangali gul	Herb	Rafi. 71 (PUP)	Whole plant	Burning of skin & constipation
	<i>Ipomoea hederaceae</i> (L.) Jack.	Shna prewathye	Herb	Rafi. 72 (PUP)	Whole plant	Skin & constipation
Cucurbataceae	<i>Citrullus colocynthis</i> L. Schard.	Tarkha manra	Herb	Rafi. 73 (PUP)	Leaves & fruit	Constipation, asthma, cancer & diabetes
	<i>Cucurbita maxima</i> Duchesne.	Petta kadu	Herb	Rafi. 74 (PUP)	Fruit & seeds	Skin, Intestine & male fertility
	<i>Luffa cylindrica</i> (L.) M. Roem.	Thoray	Herb	Rafi. 75 (PUP)	Fruit & seeds	Skin & constipation
	<i>Memordica charantia</i> L.	Karella	Herb	Rafi. 76 (PUP)	Fruit	Diabetes & fever
Cyperaceae	<i>Cyperus rotundus</i> L.	Dheella	Herb	Rafi. 77 (PUP)	Whole plant	Leprosy, fever, blood purifier & dysentery
Equisitaceae	<i>Equisetum arvense</i> L.	Bandakey	Herb	Rafi. 78 (PUP)	Whole plant	Skin & diabetes
Euphorbiaceae	<i>Euphorbia helioscopia</i> L.	Zaro boota	Herb	Rafi. 79 (PUP)	Whole plant	Skin & kidney stones
	<i>Euphorbia cornigera</i> Boiss.	Mandarnhu	Herb	Rafi. 80 (PUP)	Root & leaves	Skin & wounds healing
	<i>Euphorbia prostrata</i> Aiton.	Piawarra	Herb	Rafi. 81 (PUP)	Leaves	Hemorrhoids
	<i>Chrozophora tinctoria</i> (L.) A. Juss.	Traparr	Herb	Rafi. 82 (PUP)	Leaves	Skin
	<i>Ricinus communis</i> L.	Arrand	Tree	Rafi. 83 (PUP)	Leaves & seeds	Pain killers & Babies constipation
Febaceae	<i>Acacia modesta</i> Wall.	Plossa	Tree	Rafi. 84 (PUP)	Fruit & gums	Stimulant, digestion & constipation
	<i>Acacia jacquomontii</i> Benth.	Kikrai	Tree	Rafi. 85 (PUP)	Roots & gums	Stimulant, digestion, back pain & constipation
	<i>Acacia nilotica</i> (L.) Delile.	Kikar	Tree	Rafi. 86 (PUP)	Roots & gums	Dysentery, stomach & digestion
	<i>Acacia Senegal</i> (L.) Wild.	Kikar	Tree	Rafi. 87 (PUP)	Roots & gums	Stimulant, digestion & constipation
	<i>Albizia lebbek</i> (L.) Benth.	Sirin	Tree	Rafi. 88 (PUP)	Leaves	Skin, headache, dysentery & constipation
	<i>Leucaena leucocephala</i> (Lam.) de Wit.	Peppal	Tree	Rafi. 89 (PUP)	Leaf & seed	Diabetes, abortion & stomach
	<i>Melilotus indicus</i> (L.) All.	Zangali shautala	Herb	Rafi. 90 (PUP)	Leaves	Blood purifier & constipation
Graniaceae	<i>Erodium malacoides</i> (L.) L' Her.	Khwaar	Herb	Rafi. 91 (PUP)	Whole plant	Cold, pain & antibacterial
Gentianaceae	<i>Centaurium tenuiflorum</i> (Hoffmanns. & Link) Fritsch.	Jowdhar	Herb	Rafi. 92 (PUP)	Seeds	Fever, diuretic & cardiac
Limiaceae	<i>Vitex trifolia</i> L.	Wormandai		Rafi. 93 (PUP)	Leaves	Stomach, fever & rheumatic pain
	<i>Calamintha vulgaris</i> Clairv.	Shalla	Herb	Rafi. 94 (PUP)	Whole plant	Cardiac, expectorant & astringent
	<i>Mentha arvensis</i> L.	Wellana	Herb	Rafi. 95 (PUP)	Whole plant	Stimulant, digestion, urine & hemorrhoids
	<i>Mentha sylvestris</i> L.	Zangali wellana	Herb	Rafi. 96 (PUP)	Whole plant	Stimulant, digestion, urine & hemorrhoids
	<i>Nepeta lagopsis</i> Benth.	Khar sassa	Herb	Rafi. 97 (PUP)	Whole plant	Wounds healing & skin

	<i>Ocimum basilicum</i> L.	Boobraai	Shrub	Rafi. 98 (PUP)	Flower and leaves	Stimulant, abortion & internal wounds
	<i>Ocimum gratissimum</i> L.	Zangali boobraai	Shrub	Rafi. 99 (PUP)	Flower and leaves	Stimulant, abortion & internal wounds
	<i>Otostegia limbata</i> (Benth.) Boiss.	Spin azghai	Herb	Rafi. 100 (PUP)	Whole plant	Eye problems & gums healing
	<i>Salvia moorcroftiana</i> Wall ex Benth.	Durshaal	Herb	Rafi. 101 (PUP)	Flower and leaves	Skin & healing wounds
	<i>Teucrium stocksianum</i> Boiss.	Khutkye durshaal	Herb	Rafi. 102 (PUP)	Flower and leaves	Skin & healing wounds
Malvaceae	<i>Malvestrum coromandelianum</i> (L.) Garcke	Ger beta	Herb	Rafi. 103 (PUP)	Whole plant	Dysentery & kill internal worms
	<i>Malva perriflora</i> L.	Pathewai	Herb	Rafi. 104 (PUP)	Whole plant	Skin, constipation & wounds healing
	<i>Malva neglecta</i> Wallr.	Peskay	Herb	Rafi. 105 (PUP)	Whole plant	Skin, constipation & wounds healing
	<i>Abelmoschus esculentus</i> (L.) Moench.	Bindai	Herb	Rafi. 106 (PUP)	Fruit and leaves	Skin, digestion & joints
Menispermaceae	<i>Cocculus pendulus</i> (J.R.Forst & G.Forst.) Diels.	Kamar prewathye	Shrub	Rafi. 107 (PUP)	Whole plant	Skin, constipation & wound healing
Meliaceae	<i>Melia azedarach</i> A.Juss	Bakkanra	Tree	Rafi. 108 (PUP)	Leaves & seeds	Skin, hairs & diabetes
Moraceae	<i>Morus alba</i> L.	Speen toot	Tree	Rafi. 109 (PUP)	Fruit	Skin, digestion & constipation
	<i>Morus nigra</i> L.	Toor toot	Tree	Rafi. 110 (PUP)	Fruit	Skin, digestion & constipation
	<i>Morus laevigata</i> Wall. Ex Brandis.	Shehtoot	Tree	Rafi. 111 (PUP)	Fruit	Skin, digestion & constipation
	<i>Ficus palmata</i> Forssk.	Togh/Inzar	Shrub	Rafi. 112 (PUP)	Fruit	Heart and increase blood
	<i>Ficus carica</i> L.	Karandai	Shrub	Rafi. 113 (PUP)	Seeds	Heart & diabetes
Myrtaceae	<i>Eucalyptus globules</i> Labill.	Loochy	Tree	Rafi. 114 (PUP)	Leaves	Cough, flow & asthma
	<i>Eucalyptus lanceolatus</i> L.	Loochaai	Tree	Rafi. 115 (PUP)	Fruit	Diuretic, digestion & stomach
	<i>Psidium guajava</i> L.	Amrood	Tree	Rafi. 116 (PUP)	Leaves & fruit	Digestion, constipation & skin
Nyctaginaceae	<i>Bougainvillea spectabilis</i> Willd.	Prewathye	Shrub	Rafi. 117 (PUP)	Whole plant	Wounds healing
	<i>Boerhavia diffusa</i> L.	Sparli gul.	Herb	Rafi. 118 (PUP)	Leaves & stem	Cough, kidney & skin
Oleaceae	<i>Olea europaea</i> L.	Shoun	Tree	Rafi. 119 (PUP)	Whole plant	Toothache, digestion & immunity
	<i>Olea ferrugenia</i> (Aiton) Steud.	Zangli shoun	Tree	Rafi. 120 (PUP)	Whole plant	Toothache, digestion & immunity
	<i>Jasminum officinale</i> L.	Chambeli prewathye	Shrub	Rafi. 121 (PUP)	Flower	Skin, hairs & stimulant
	<i>Jasminum sambac</i> (L.) Aiton	Rambel chambel	Shrub	Rafi. 122 (PUP)	Flower	Skin, hairs & stimulant
Oxalidaceae	<i>Oxalis corniculata</i> L.	Tarooki	Herb	Rafi. 123 (PUP)	Leaves	Scurvy, influenza & snakebite
Papilionaceae	<i>Alhagi maurorum</i> Medic.	Tundu	Herb	Rafi. 124 (PUP)	Whole plant	Blood purifier & expectorant
	<i>Arachis hypogea</i> L.	Mung pali	Herb	Rafi. 125 (PUP)	Leaves & fruit	Skin
	<i>Astragalus psilocentros</i> Fisch.	Kikrai	Herb	Rafi. 126 (PUP)	Roots & flower	Jaundice & blood purifier
	<i>Dalbergia sissoo</i> DC.	Shwaa	Tree	Rafi. 127 (PUP)	Leaves	Hairs, skin & oral
	<i>Medicago liciniata</i> (L.) Mill.	Sooba	Herb	Rafi. 128 (PUP)	Leaves	Skin & constipation
	<i>Sophora mollis</i> (Royle.) Baker	Gajarail	Shrub	Rafi. 129 (PUP)	Leaves	Diabetes, laxative & heart
	<i>Pisum sativum</i> L.	Muttar	Herb	Rafi. 130 (PUP)	Fruit	Digestion, hairs & skin
	<i>Trigonella incisa</i> Benth.	Shpeshtara	Herb	Rafi. 131 (PUP)	Leaves & root	Stomach & constipation
	<i>Trifolium alexandrianum</i> L.	Shautalla	Herb	Rafi. 132 (PUP)	Flower	Diabetes
	<i>Vicia sativa</i> L.	Gulona	Herb	Rafi. 133 (PUP)	Flower	Skin & constipation
	<i>Lathyrus aphaca</i> (L.) Doll.	Zangali pali	Herb	Rafi. 134 (PUP)	Leaves & seeds	Skin & wounds healing
Pedaliaceae	<i>Sesamum indicum</i> L.	Kunzalla	Herb	Rafi. 135 (PUP)	Seeds	Skin, urinary tract, hairs & male potency
Plantaginaceae	<i>Plantago ciliata</i> Desf.	Saath spenghol	Herb	Rafi. 136 (PUP)	Seeds	Constipation & male potency
	<i>Plantago ovata</i> Forsk.	Ispaghol	Herb	Rafi. 137 (PUP)	Seeds	Constipation & male potency

	<i>Bacopa monnieri</i> (L.) Wettst	Jabbai gul	Herb	Rafi. 138 (PUP)	Leaves & fruits	Skin problems
	<i>Plantago lanceolata</i> L.	Speenghul	Herb	Rafi. 139 (PUP)	Seeds	Constipation & male potency
	<i>Plantago major</i> L.	Saath	Herb	Rafi. 140 (PUP)	Seeds	Constipation & male potency
Primulaceae	<i>Anagallis arvensis</i> L.	Shnay stherga	Herb	Rafi. 141 (PUP)	Leaves & flower	Diuretic, diaphoretic & pain killer
	<i>Primula denticulata</i> Sm.	Sheen stharga	Herb	Rafi. 142 (PUP)	Leaves & flower	Diuretic, diaphoretic & pain killer
Poaceae	<i>Avena sativa</i> L.	Karyanrha	Herb	Rafi. 143 (PUP)	Seeds	Diuretic, cardiac & stimulant
	<i>Cenchrus triflorus</i> Anderson.	Tora kurashkye	Herb	Rafi. 144 (PUP)	Whole plant	Hepatitis & skin problems
	<i>Cenchrus ciliaris</i> L.	Washa	Herb	Rafi. 145 (PUP)	Roots	Blood purifier & skin problems
	<i>Cymbopogon jawarancusa</i> (Jones.) Schult.	Sargarhi	Herb	Rafi. 146 (PUP)	Leaves	Stimulant & blood purifier
	<i>Cymbopogon citratus</i> D.C Stapf.	Lemon grass	Herb	Rafi. 147 (PUP)	Stem & leaves	Stimulant, diuretic & digestion
	<i>Cynodon dactylon</i> (L.) Pers.	Barawa	Herb	Rafi. 148 (PUP)	Whole plant	Stimulant, diuretic & dysentery
	<i>Desmostachya bipinnata</i> (L.) Stapf.	Drab	Herb	Rafi. 149 (PUP)	Whole plant	Stimulant, diuretic & dysentery
	<i>Dichanthium annulatum</i> (Forsk.) Stapf.	Wosha	Herb	Rafi. 150 (PUP)	Roots & leaves	Stimulant, diuretic & dysentery
	<i>Eragrostis minor</i> Host.	Barawa	Herb	Rafi. 151 (PUP)	Roots & leaves	Skin & blood purifier
	<i>Eragrostis pectinaceae</i> (Michx.) Nees	Zangali barawa	Herb	Rafi. 152 (PUP)	Roots & leaves	Skin & blood purifier
	<i>Hordeum vulgare</i> L.	Orbasha	Herb	Rafi. 153 (PUP)	Seeds	Kidney stones & constipation
	<i>Pinnesetum typhoideum</i> Rich.	Bajra	Herb	Rafi. 154 (PUP)	Seeds	Skin & heart problems
	<i>Saccharum bengalensis</i> Retz.	Chaga kana	Herb	Rafi. 155 (PUP)	Leaves & flower	Blood purifier
	<i>Saccharum spontaneum</i> L.	Kana	Herb	Rafi. 156 (PUP)	Leaves & flower	Blood purifier
	<i>Saccharum griffithii</i> Munro ex Bross	Somal	Herb	Rafi. 157 (PUP)	Leaves & flower	Diabetes, stomach & fever
	<i>Sorghum vulgare</i> (L.) Pers.	Waroke Jewor	Herb	Rafi. 158 (PUP)	Seeds and stem	Appetite & digestion
	<i>Triticum aestivum</i> L.	Ghanum	Herb	Rafi. 159 (PUP)	Seeds	Pampers & fungus of skin
	<i>Zea mays</i> L.	Ghaat jewor	Herb	Rafi. 160 (PUP)	Seeds	Weight control & digestion
Polygonaceae	<i>Calligonum polygonoides</i> L.	Balanza	Herb	Rafi. 161 (PUP)	Leaves and flower	Skin, blood purifier & wound healing
	<i>Emex spinosa</i> (L.) Campd.	Kwarashkye	Herb	Rafi. 162 (PUP)	Whole plant	Digestion & diuretic
	<i>Romex dentatus</i> L.	Lewani soba	Herb	Rafi. 163 (PUP)	Rhizome & leaves	Wound healing
Punicaceae	<i>Punica granatum</i> L.	Anaar	Tree	Rafi. 164 (PUP)	Fruit	Skin, constipation & blood
Ranunculaceae	<i>Ranunculus arvensis</i> L.	Prewathye	Herb	Rafi. 165 (PUP)	Leaves & flower	Skin & constipation
	<i>Ranunculus muricatus</i> L.	Jabby boota	Herb	Rafi. 166 (PUP)	Leaves & flower	Skin & constipation
Rhamnaceae	<i>Ziziphus nummularia</i> (Burn.f. Weight & Am.	Kerkanra	Tree	Rafi. 167 (PUP)	Leaves & fruit	Immunity, gastric, skin & semens quantity
	<i>Ziziphus mauritiana</i> Lam.	Berra	Tree	Rafi. 168 (PUP)	Leaves & fruit	Immunity, gastric, skin & semens quantity
	<i>Ziziphus oxyphylla</i> Edgew.	Budda bera	Tree	Rafi. 169 (PUP)	Leaves & fruit	Immunity, gastric, skin & semens quantity
Rosaceae	<i>Cotoneaster nummularius</i> Lindl.	Manrha	Shrub	Rafi. 170 (PUP)	Fruit	Skin, hairs & eyes
	<i>Catharanthus rosus</i> (L.) G.Don	Zangali gulaab	Herb	Rafi. 171 (PUP)	Flower	Skin, hairs & eyes
	<i>Rosa indica</i> L.	Gulaab gul	Shrub	Rafi. 172 (PUP)	Flower	Skin dryness
Salicaceae	<i>Salix babylonica</i> L.	Sangara	Tree	Rafi. 173 (PUP)	Fruit & gums	Constipation & antibiotic
Salvadoraceae	<i>Salvadora persica</i> L.	Miswak	Tree	Rafi. 174 (PUP)	Fruit & root	Constipation, toothache & digestion
Sapotaceae	<i>Monotheca buxifolia</i> (Falc.) A. DC	Gurgure	Shrub	Rafi. 175 (PUP)	Leaves & fruit	Laxative, digestive & iron deficiency
Sapindaceae	<i>Dodonaea viscosa</i> (L.) Jacq.	Zerawanhy	Shrub	Rafi. 176 (PUP)	Seeds & leaves	Ulcer & antiviral
Scrophuriaceae	<i>Verbascum thapsus</i> L.	Khar genra	Herb	Rafi. 177 (PUP)	Leaves	Abdominal pain
	<i>Kickxia ramosissima</i> (Wall.) Janch.	Wangai	Herb	Rafi. 178 (PUP)	Leaves	Diabetes & diuretic

Solanaceae	<i>Datura innoxia</i> Mill.	Wara spelmaka	Herb	Rafi. 179 (PUP)	Leaves & seeds	Skin & blood purifier
	<i>Solanum incanum</i> L.	Maraghony	Herb	Rafi. 180 (PUP)	Fruit	Cancer & antibiotic
	<i>Solanum surratense</i> Burm.f.	Zyara marnra	Herb	Rafi. 181 (PUP)	Fruit	Asthma, menses & skin
	<i>Capsicum annum</i> L.	Soor mrach	Herb	Rafi. 182 (PUP)	Fruit	Immunity & skin
	<i>Withania coagulans</i> Stocks.	Shapianga	Herb	Rafi. 183 (PUP)	Whole Plant	Stomach & oral infections
	<i>Solanum nigrum</i> L.	Sheen mrach	Herb	Rafi. 184 (PUP)	Fruit	Immunity, digestion & blood purifier
	<i>Lycopersicon esculentum</i> Mill.	Tamater	Herb	Rafi. 185 (PUP)	Fruit	Heart diseases
Tamaricaceae	<i>Withania somnifera</i> (L.) Dunal.	Ghat malghatoon	Herb	Rafi. 186 (PUP)	Fruit & Leaves	Sedative & diuretic
	<i>Tamarix aphylla</i> (L.) H. Karst.	Ghaaz	Shrub	Rafi. 187 (PUP)	Leaves	Cold, flow & blood purifier
Verbanaceae	<i>Vitex negundo</i> L.	warmondai	Shrub	Rafi. 188 (PUP)	Leaves	Pain killers & snake bite
Vitaceae	<i>Vitis vinifera</i> L.	Angoor	Shrub	Rafi. 189 (PUP)	Fruit	Skin, constipation & blood purifier
	<i>Vitis pervifolia</i> Roxb.	Soor angoor	Shrub	Rafi. 190 (PUP)	Fruit	Skin, constipation & blood purifier
Zygophyllaceae	<i>Fagonia cretica</i> L.	Spelaghzai	Shrub	Rafi. 191 (PUP)	Whole plant	Typhoid, dysentery, blood problems & diabetes
	<i>Tribulus terrestris</i> L.	Malkondye	Herb	Rafi. 192 (PUP)	Seeds & Roots	Aphrodisiacs & urinary problems
	<i>Peganum harmala</i> L.	Sponda	Herb	Rafi. 193 (PUP)	Whole plant	Blood purifier & antibiotic

**Key:** Md = Medicinal, Fd = Fodder, Fu = Fuel, Tm = Timber