

Additional file 1- Ethnomedicinal uses of medicinal plants in Varanasi

<i>Sl #</i>	<i>Scientific Name</i>	<i>Family</i>	<i>Part used</i>	<i>Life form</i>	<i>Ethnomedicinal uses</i>
1	<i>Asteracantha longifolia</i> Nees.	Acanthaceae	Whole plant	H	Aphrodisiac, body pain, diuretic, dropsy, impotency, jaundice, malaria, rheumatism, face & body swelling, tuberculosis and fistula
2	<i>Barleria prionitis</i> L.	Acanthaceae	Root, leaves	S	Anasarca, boils, cough, dropsy, ear complaints, gum trouble, laceration, cracking of feet, to make feet tolerant to heat, piles, rheumatism and tooth ache
3	<i>Trianthema portulacastrum</i> L.	Aizoaceae	Whole plant	H	Jaundice, kidney, and liver complaints
4	<i>Achyranthes aspera</i> L.	Amaranthaceae	Different parts including seeds	H	Anti-fertility in women, asthma, bleeding in delivery, boil, bronchitis, child birth, cold, cough, disability, dropsy, dog bite, dysentery, ear complaints, head ache, hydrophobia, insect bite, leucoderma, liver complaints, pain in ribs, body, piles, pneumonia, renal complaints, rheumatism, scabies, scorpion bite, skin diseases, snake bite, sore, stomach ache, syphilis, tooth ache, whooping cough, wounds and eye complaints
5	<i>Aerva lanata</i> (L.) Schult.	Amaranthaceae	Whole plant	H	Anti-helmintic, boils, cuts, wounds, burns, cholera, diarrhea, dropsy, ear complaints, fever, head ache, malaria, skin disease, snake bite, and swelling and white discharge in urine
6	<i>Alternanthera sessilis</i> (L.) R.Br. ex DC.	Amaranthaceae	Leaves, stem	H	Bone-fracture, eye complaints, hydrophobia, diarrhea, dysentery, malarial fever and night blindness
7	<i>Centella asiatica</i> (L.) Urb.	Apiaceae	Whole plant	CH	Anti-helmintic, blood disease, blood dysentery, brain tonic, cholera, cooling, cough, diarrhea, diuretic, dysentery, eczema, eye complaints, fever, gastric disorder, head ache, leprosy, liver complaints, memory, nervous disorder, tonic, respiratory disorder, skin diseases, stomach ache, syphilis, tuberculosis, tumor, boil, urine complaints and wounds
8	<i>Alstonia scholaris</i> (L.) R.Br.	Apocynaceae	Leaves, bark, latex, flower	T	Asthma, bronchitis, chest pain, child birth, cholera, diarrhea, eye complaints, fever, malaria, pneumonia, rheumatism, snake bite, stomach ache, ulcer of mouth, cholera, head ache, neuralgia and pain in legs
9	<i>Nerium oleander</i> L.	Apocynaceae	Leaves	S	Abortifacient, asthma, bronchitis, dysentery, gum trouble, gonorrhoea, blisters, boils and eye disorder
10	<i>Calotropis gigantea</i> (L.) R.Br.	Asclepiadaceae	Latex, leaves, root, bark, juice, flower	S	Abortifacient, anasarca, anti-fertility, asthma, body ache, boils, burns, carbuncle, child, birth, dropsy, dysentery, ear complaints, epilepsy, eye complaints, guinea-worm, hydrophobia, injuries, intestinal worms, leprosy, purgative, rheumatism, ringworm, stomach ache, syphilis, tetanus, tooth ache, worms in gum and wounds
11	<i>Calotropis procera</i> (L.) W.T. Aiton	Asclepiadaceae	Root, bark, latex, flower, leaves, juice	S	Abortifacient, antidote in scorpion sting, antiseptic, asthma, cholera, cold, corn, cough, dropsy, eczema, epilepsy, fever, insect bite, laxative, leprosy, rheumatism, ringworm, scorpion bite, skin diseases, small pox, sores, spleen, complaints, stomach, diseases, swell, tooth ache, tooth worms, wounds, swell of mouth
12	<i>Cryptolepis buchananii</i>	Asclepiadaceae	Root,	S	Abdominal pain, anasarca, body ache, cholera,

	Roem. & Schult.		leaves, stem,		dropsy, dysentery, fits, internal fever, lactation, rheumatism, rickets in children, snake bite, stomach ache, syphilis and venereal diseases
13	<i>Ageratum conyzoides</i> L.	Asteraceae	Seed oil, leaves, juice, root	S	Anti-helminthic for stone, antiseptic, boils, burns, cuts, diarrhea, head ache, leprosy, muscular pain, piles, prolapsed anus, ringworm, scabies, skin diseases, snake bite, sores, body swelling, tumor, uterine disorder and lice in hairs
14	<i>Blumea lacera</i> DC.	Asteraceae	Leaves, juice,	H	Burns, cuts, wounds, bronchitis, fever, piles, toe injury, urine complaints, and fish poisoning
15	<i>Eclipta alba</i> Hassk.	Asteraceae	Whole plant, root, leaves	H	Antidote to snake bite, anti-fertility, antiseptic, asthma, bronchitis, cooling, eye disorder, fever, gastric, head ache, hepatic disorder, jaundice, leucoderma, liver complaints, malaria, promotes hair growth, scorpion sting, sores, spleen enlargement, tonic, tooth ache, ulcers and wounds
16	<i>Enydra fluctuans</i> Lour.	Asteraceae	Whole plant	H	Anasarca, blood pressure, dropsy and snake bite
17	<i>Sonchus arvensis</i> L.	Asteraceae	Whole plant	H	Cholera, cuts, wounds, dysentery and jaundice.
18	<i>Tridax procumbens</i> L.	Asteraceae	Whole plant	H	Antiseptic, blisters, boils, cuts & wounds, diarrhea, dysentery, eczema, eye disease, fever, leprosy, scorpion bite, skin diseases, sores, stomach ache, stone in bladder, tooth ache, ulcer and wounds
19	<i>Vernonia cinerea</i> Less.	Asteraceae	Whole plant	H	Cholera, dysentery, constipation, fever, impotency, lactation, malaria, night blindness, piles, skin diseases, threadworm, spleen complaints and wounds
20	<i>Xanthium strumarium</i> L.	Asteraceae	Root	S	Boils, wound, cooling, eye diseases, head ache, herpes, malaria, piles, rheumatism, ringworm, tooth ache, ulcer and urine complaints
21	<i>Carica papaya</i> L.	Caricaceae	Fruit, pulp of the leaves	SWT	Abortifacient, palpitation bone fracture, constipation, cooling, digestive, gastric, ringworm, skin diseases, tooth & gum ache and urine bladder complaints
22	<i>Argyrea speciosa</i> (L.f.) Sweet.	Convolvulaceae	Root	S	Antidote, boils, diabetes, diarrhea, dysentery, gonorrhea, ringworm, head ache, small pox, sores, stomach complaints and syphilis
23	<i>Ipomoea aquatica</i> Forssk.	Convolvulaceae	Whole plant	H	Boils, eye disorder, gonorrhea, liver diseases, purgative and stomach disorder
24	<i>Ipomoea fistulosa</i> Mart. ex Choisy	Convolvulaceae	Root	S	Cuts, wounds, sprain and ulcer
25	<i>Ipomoea pes-tigrdis</i> L.	Convolvulaceae	Root	H	Dog-bite, eye disease, fever, antidote to snake bite
26	<i>Bryonia laciniosa</i> L.	Cucurbitaceae	Seed	H	Asthma, carbuncle, cholera, colic, constipation, convulsion, eye infection, fever, head ache, complaints, promotes fertility in women, small pox, sores, spleen complaints, syphilis, tumor and snake bite
27	<i>Coccinia indica</i> Wight & Arn.	Cucurbitaceae	Root, fruit, leaves	H	Cold, convulsion, diabetes, filarial swelling, head ache, loss of taste, menorrhoea, slow pulse, sores, syphilis and to stop vomiting
28	<i>Momordica charantia</i> L.	Cucurbitaceae	Root, fruit	CH	Anti-helminthic, cause vomiting, diabetes, eczema, laxative, malaria, edema, rheumatism and sores
29	<i>Momordica dioica</i> Roxb. ex Willd.	Cucurbitaceae	Root, fruit	CH	Anti-fertility, fever, injuries, pain in breast due to swelling, piles, asthma, bronchitis, delirium, dysentery, spleen complaints and head ache
30	<i>Phyllanthus niruri</i> L.	Euphorbiaceae	Root,	H	Allergy, boils, diarrhea, dropsy, dysentery, genito-

			whole plant		urine disorder, indigestion, gastric disorder, jaundice, sores, swell and ulcers
31	<i>Abrus precatorius</i> L.	Fabaceae	Root, seed, leaves	C	Aphrodisiac, blood purifier, body pain, bronchitis, child birth, cold, cough, diarrhea, eczema, eye complaints, inflammations of gums, leucoderma, leucorrhoea, menstrual complaints, muscular pain, pneumonia, promotes conception, refrigerant, scabies,, scorpion bite, skin diseases, sore throat, stomach complaints, tonic, urine complaints, bone fracture and wounds
32	<i>Acacia arabica</i> (Lam.) Willd.	Fabaceae	Fruit, seed, bark, leaves	ST	Asthma, bronchitis, burns, cholera, diabetes, ear complaints, eye complaints, hair fall, head ache, leprosy, liver complaints, skin diseases, syphilis, throat infection and urine complaints
33	<i>Albizia lebbek</i> (L.) Benth.	Fabaceae	Bark	T	Boils, carbuncle, diarrhea, dysentery, gonorrhoea, eyesores, gum ulcer, night blindness and piles
34	<i>Bauhinia purpurea</i> L.	Fabaceae	Flower, seeds, bark	T	Astringent, bone fracture, indigestion, jaundice, small pox, tumor in stomach, wounds, anasarca, snake, tiger and scorpion bite, convulsion, dropsy, pain, poisoning by <i>Datura</i> and rheumatism
35	<i>Bauhinia variegata</i> L.	Fabaceae	Bark, root, leaves seeds	T	Diarrhea, dysentery, indigestion, laxative, leprosy, malaria, piles (bleeding), skin diseases, snake bite, syphilis, tumors, ulcers and worms
36	<i>Caesalpinia crista</i> L.	Fabaceae	Leaves, seed, root, bark	S	Colic fever, intermittent fever, malaria, menstrual complaints, pneumonia, skin diseases, swelling, tonic, pulmonary tuberculosis and wounds
37	<i>Cassia fistula</i> L.	Fabaceae	Fruit pulp, root, bark, flower, pods, leaves, root	MT	Abdominal pain, anti-fertility, antiseptic, asthma, blindness, blood purifier, burns, chest infection, constipation, cool agent, cough, diarrhea, dog bite, snake bite, dysentery, dysuria, epilepsy, indigestion, jaundice, leprosy complaints, pimples, rheumatism, ringworm, scorpion bite, skin diseases, stomach ache syphilis, tooth ache, vermicide and throat swelling
38	<i>Cassia occidentalis</i> L.	Fabaceae	Leaves, seeds, root	S	Bone fracture, diarrhea, dropsy, dysentery, eczema, fever, gastric complaints, purgative, rheumatism, ringworm, skin diseases, snake bite, throat infection, whooping cough and wounds.
39	<i>Cassia tora</i> L.	Fabaceae	Root, seeds, leaves	S	Abnormal child birth, anti-helminthic, antiseptic, boils, bone fracture, cold, eczema, epilepsy, fever, indigestion, intestinal disorder, itch, jaundice, itch, jaundice, night blindness, rheumatism, ringworm, scabies, scorpion bite, skin diseases, sores, stomach ache, vermicide and wounds
40	<i>Dalbergia sissoo</i> Roxb.	Fabaceae	Heart-wood, leaves	T	Antiseptic, dysentery, eruption, gonorrhoea, headache, leprosy and skin diseases
41	<i>Desmodium gangeticum</i> DC.	Fabaceae	Whole plant	S	Antidote to snake venom, asthma, bronchitis, cough, dysentery, eye infection, fever and vomiting
42	<i>Desmodium triflorum</i> DC.	Fabaceae	Whole plant	H	Abscess, erupt, body ache, breast pain, colic, diarrhea, dysentery, menorrhoea, sores, spleen complaints, nail disorder and tooth ache
43	<i>Mimosa pudica</i> L.	Fabaceae	Whole plant	S	Antidote to snake bite, anti-fertility, boils, sores, child birth, dysentery, epilepsy, fever, fistula, gum trouble, head ache, insomnia, gravel, leucorrhoea, loose motions, piles, scorpion bite,

					snake bite, tooth ache and wounds
44	<i>Mucuna prurita</i> Hook.	Fabaceae	Root, shoot, hairs	CH	Anasarca, anti-helminthic, aphrodisiac, appetizer, blisters, boils, ulcers, bone fracture, cough, dropsy, dysentery, eye disorder, impotency, night dreams, ringworm, roundworm, scorpion bite, snake bite, sore, syphilis, urine complaints and vermifuge
45	<i>Tamarindus indica</i> L.	Fabaceae	Fruit, leaves, seed	T	Anasarca, anti-helminthic, boils, cough, digestion, eye complaints, fever, head ache, muscular pain scorpion bite, stomach ache, sun stroke, swelling, syphilis, tooth ache and urine complaints
46	<i>Tephrosia purpurea</i> (L.) Pers.	Fabaceae	Whole, plant, root, seeds	S	Abortifacient, snake antidote, asthma, blood purifier, bronchitis, colic, dyspepsia, fever, gonorrhea, impotency, liver complaints, piles, spleen complaints, stomach ache, tonic, tooth ache, tumor and ulcer
47	<i>Abutilon indicum</i> (L.) Sweet.	Malvaceae	Root, seeds	S	Abortifacient, aphrodisiac, boil, bone fracture, bronchitis, child birth, colic, convulsion, cooling agent, cough, diarrhea, dysentery, gonorrhea, head ache, leprosy, paralysis, piles, purgative, stomach complaints, ulcer, arthritis and wounds
48	<i>Sida cordifolia</i> L.	Malvaceae	Root, seeds	S	Boils, dysentery, gonorrhea, leucorrhea, rheumatism, sexual weakness, stomachache, venereal disorder and wounds
49	<i>Urena lobata</i> L.	Malvaceae	Leaves, root, flower	S	Diarrhea, dysentery, hyperactivity, hydrophobia and lumbago
50	<i>Azadirachta indica</i> A. Juss	Meliaceae	Bark, root, young fruit, seeds, leaves, gum	T	Antipyretic, antiseptic, blood purifier, boils, cholera, diabetes, diarrhea, dysentery, dyspepsia, heart complaints, inflammation of gums, jaundice, leprosy, liver, complaints, malaria, measles, piles, rheumatism, scabies, skin disease, small pox, snake bite, spleen complaints, syphilis, tonic, tuberculosis, tumors, ulcer, urine complaints, venereal diseases and wounds
51	<i>Tinospora cordifolia</i> (Willd.) Miers. ex Hook. F.	Menispermaceae	Stem, root, leaves	S	Anti-periodic, antipyretic, aphrodisiac, asthma, bone fracture, cough, diarrhea, diphtheria, dysentery, fever, head ache, jaundice, malaria, piles, pulmonary tuberculosis, sex strength, skin diseases, tonic, venereal complaints and stomach diseases
52	<i>Moringa oleifera</i> Lamk.	Moringaceae	Root, bark, leaves, flower, fruit, seeds	T	Abortifacient, anti-fertility, appetizer, asthma, baldness, caries dental, catarrh, cholera, delivery, ear complaints, eczema, epilepsy, fever, head ache, intestinal worms, liver complaints, madness, menstrual complaints, paralysis, pneumonia, rheumatism, scabies, scorpion bite, scurvy, snake bite, sores, spleen enlargement, stomach ache, syphilis, tonic, typhoid, urine complaints and wounds
53	<i>Boerhavia diffusa</i> L.	Nyctaginaceae	Root	H	Abortifacient, anemia, asthma, blood purifier, body heat, child birth, cold, cough, dropsy, dysentery, eczema, epilepsy, eye, complaints, fever, fistula, gonorrhea, head ache, heart disorder, inflammation, jaundice complaints, liver complaints, menstrual complaints, pain in abdomen, piles, rheumatism, stomach complaints, urine complaints, and wounds
54	<i>Mirabilis jalapa</i> L.	Nyctaginaceae	Leaves, root	H	Blisters, boils, cold at child birth and piles
55	<i>Oxalis corniculata</i> L.	Oxalidaceae	Leaves	H	Cold, corn, cough, cuts, diarrhea, dysentery, epilepsy, eye complaints, fever, insect bite,

					jaundice, refrigerant, <i>Rickettsia</i> , scurvy, skin diseases and stomach ache
56	<i>Argemone mexicana</i> L.	Papaveraceae	Seed oil, leaves, juice, root	H	Boils, ulcer, arthritis, asthma, caries, cough, dog bite, dropsy, eye complaints, gum trouble, head ache, indigestion, inflammation, jaundice, leprosy, mouthwash, piles, ringworm, scabies, skin diseases, syphilis, tooth ache and whooping cough
57	<i>Imperata cylindrica</i> Beauv.	Poaceae	Rhizome	H	Antidote to snake bite, fever, intestinal parasite, liver complaints, spleen complaints and piles
58	<i>Polygonum plebejum</i> R.Br.	Polygonaceae	Whole plant	H	Cough, diarrhea, dysentery, gastric complaints, indigestion and lactation
59	<i>Portulaca oleracea</i> L.	Portulacaceae	Whole plant	H	Blood purifier, burn, fever, head ache and burning sensation
60	<i>Portulaca quadrifida</i> L.	Portulacaceae	Whole plant	H	Anti-scorbic, burns, ulcers, as cooling agent and skin diseases
61	<i>Anagallis arvensis</i> L.	Primulaceae	Juice	H	Cerebral, affection, hydrophobia and leprosy
62	<i>Ziziphus mauritiana</i> Lamk.	Rhamnaceae	Fruit, seed, kernel	S	Blood purifier, cholera, colic, diarrhea, digestion, dysentery, eye diseases (conjunctivitis), hair fall, fever, head ache, edema, rheumatism, scorpion sting, sores, spleen complaints, stomach ache, ulcer, wound and whooping cough
63	<i>Ziziphus nummularia</i> (Burm. f.) Wight. & Arn.	Rhamnaceae	Leaves, fruits	S	Boils, cold, diarrhea, dysentery, indigestion, inflammation of gums and tonic
64	<i>Aegle marmelos</i> Corr.	Rutaceae	Fruit, root, bark, stem, leaves, flower	T	Pain, abscess, astringent, back ache, mad dog bite, Breast pain, cholera, constipation, diabetes, diarrhea, dysentery, eye complaints, fever, gastric trouble, jaundice, laxative, nausea, night fever, palpitation, snake bite, stomach disorder, vomiting, wounds and cuts
65	<i>Murraya koenigii</i> (L.) Spreng.	Rutaceae	Root	S	Anti-helminthic, diarrhea, dysentery, eruption, laxative, malarial fever and stomach complaints
66	<i>Scoparia dulcis</i> L.	Scrophulariaceae	Leaves, whole plant	S	anti-emetic, digestive, eye diseases, fever, gonorrhea, child birth, rheumatism, sex weakness, tonic, ulcer of tongue and urine complaints
67	<i>Datura inoxia</i> Mill.	Solanaceae	Whole plant	S	Antihydrophobic, asthma, boils and rheumatism
68	<i>Datura metel</i> L.	Solanaceae	Whole plant, seeds, root, fruits	S	Anasarca, asthma, blisters, boils, bronchitis, cerebral complaints, cough, dropsy, epilepsy, fistula, gonorrhea, head ache, leprosy, madness, mums, piles, rheumatism, ringworm, skin diseases, small pox, snake bite, sores, syphilis, tumors, whooping cough and wounds
69	<i>Solanum nigrum</i> L.	Solanaceae	Whole plant	H	Antidote (opium), boils, cough, diarrhea, dysentery, ear complaints, eye complaints, fever, goiter, heart ailment, jaundice, liver complaints, inflammation of (scrotum, kidney and bladder), sores, nostril complaints, piles, rheumatism, skin diseases, sprain, stomach ache, swelling, throat trouble, ulcer in mouth and urine complaints
70	<i>Solanum surattense</i> Burm. f.	Solanaceae	Whole plant	H	Asthma, blisters, boils, bronchitis, chest pain, cold, cough, dropsy, ear complaints, eye complaints, fever, gonorrhea, gum trouble, heart diseases, migraine, pain in jaw, paralysis, piles, scorpion bite, snake bite, sores, swelling, tooth ache and urine complaints
71	<i>Corchorus capsularis</i> L.	Tiliaceae	Leaves	H	Dysentery
72	<i>Phyla nodiflora</i> (L.) Greene	Verbenaceae	Fruit	H	Boils, diuretic, fever, menstrual complaints and fever

C= Climber, S= shrub, H=Herb, St =Small tree, T= tree, SWT= Soft wooded tree, Mt= Medium tree, Ch=Climbing herb