

Ethnobotanical Study of Traditional Medicinal Plants used for the treatment of Infectious Diseases by Local Communities in Traditional Authority (T/A) Mbelwa, Mzimba District, Northern Region, Malawi

Wilfred A. Chisamile ^{1,2 *}, Mubo A. Sonibare ¹ and John F. Kamanula ³

¹ Faculty of Agriculture, Basic Sciences Department, Lilongwe University of Agriculture and Natural Resources (LUANAR), P.O Box 219, Lilongwe, Malawi
² Faculty of Pharmacy, Department of Pharmacognosy, Pan African University of Life and Earth Sciences (Including Health and Agriculture), University of Ibadan, Ibadan 200005, Nigeria
³ Faculty of Science, Technology, and Innovations, Department of Chemistry, Mzuzu University, Private Bag 201, Mzuzu, Malawi
* Correspondence: wilfredchisamile@gmail.com or wchisamile@luanar.ac.mw; Tel.: +265997499268

Table S1. Ethnomedicinal data of medicinal plants recorded in T/A Mbelwa, Mzimba district (Supplementary file)

Species Names	Family/Voucher specimen/Habit at /Habit/IUCN RedList	Local Names	Parts Used	Method of Preparation	Route of administration	RFC	UV	IAR	RI	Diseases treated
<i>Abelmoschus esculentus</i> (L.) Moench	Malvaceae/WC/MST064/C/H/LC	Delele	Leaves	Cut, mix with <i>Abelmoschus esculentus</i> , <i>Sesamum angolense</i> , <i>Ziziphus abyssinica</i> , and <i>Ozoroa insignis</i> roots half burn, make incisions on the affected lung area.	Subcutaneous	0.05	0.03	1	0.2	Whooping cough
<i>Acacia amythethophylla</i> A.Rich.	Leguminosae/WC/MST037/W/T/LC	Bunata	Roots	Cut, shade/ sundry, pound into powder, soak/boil with <i>Psorospermum febrifugum</i> in water, drink half cup 2-3 times a day.	Oral	0.2	0.08	0.86	0.61	Cholera
				Cut into small pieces, shade dry, grind into powder with mortar and pestle, boil with water for less than 10 min, sieve, and drink the extract/ prepare porridge with the extract, 3 times a day (morning, afternoon, and evening).	Oral					Intestinal worms/helminths
				Cut, shade/ sundry, pound into powder, mix with <i>Psychotria eminiiana</i> , and <i>Musa × paradisiaca</i> , soak in water and wash on affected area/prepare porridge and add half teaspoon 3 times a day.	Oral, topical use					Syphilis
				Cut, shade/ sundry, pound into powder, mix with <i>Steganotaenia araliacea</i> , <i>Monotes africana</i> , <i>Cassytha filiformis</i> , and <i>Solanum panduriforme</i> , prepare porridge/ wash affected area.	Oral, topical use					Chancroid
				Cut, shade dry, pound into powder, soak/boil with <i>Zanthoxylum chalybeum</i> in water, drink half -one cup a day with milk/ 1-2 teaspoon of honey.	Oral					Ulcers
<i>Albizia antunesiana</i> Harms	Leguminosae/WC/MST038/W/T/LC	Chitong ololo	Roots	Cut, shade/ sundry, pound into powder, mix with <i>Euphorbia griseola</i> , <i>Albizia antunesiana</i> , and <i>Pterocarpus angolensis</i> , soak in water and wash on affected area/prepare porridge and add half teaspoon 3 times a day.	Oral	0.05	0.05	0	0.39	Gonorrhea
				Cut, shade/sundry, pound into powder, mix with <i>Mucuna stans</i> , <i>Euphorbia griseola</i> , <i>Droogmansia pteropus</i> , and <i>Memecylon flavovirens</i> prepare porridge add half or 1 teaspoon, 2-3 times a day.	Oral					Tuberculosis

<i>Allium sativum</i> L.	Amaryllidaceae/WC/MST073/C/H/LC	Adyo	Bulbs	Mix <i>Zingiber officinale</i> , <i>Azadirachta indica</i> , and <i>Ziziphus abyssinica</i> , boil for 10-15 min, then steam by covering oneself with a blanket for 5-10 min, 2-3 times a day.	Inhalation, oral	0.5	0.08	0.95	0.46	Covid 19
				Cut, sun/shade dry, grind into powder, mix with <i>Zingiber officinale</i> , put 1-2 teaspoons into porridge, 2 times a day.	Oral					Diarrhoea
				Mix <i>Zingiber officinale</i> , <i>Azadirachta indica</i> , and <i>Phaseolus vulgaris</i> with <i>Mylabis sp</i> (insect), and monkey bones, pulverize into powder, boil for 10-15 min, take it orally one cup full, 2-3 times a day).	Oral					HIV/AIDS
<i>Aloe christiani</i> Reynolds	Xanthorrhoeaceae/WC/MST013/M/S/LC	Chinthe mbwe	Leaf sap	Cut, squeeze out the sap/section into small pieces, soak in water and administer 2-3 times a day.	Oral, topical use	0.45	0.2	0.82	1.07	Malaria, Ulcers
				Cut into small pieces, shade dry, grind into powder with mortar and pestle, boil with water for less than 10 min, sieve, and drink the extract/ prepare porridge with the extract, 3 times a day (morning, afternoon, and evening).	Oral					Intestinal worms/helminths
				Cut, squeeze out the sap, mix with water and wash the affected part 2-3 times a day.	Topical use					Syphilis, Candidiasis, Chancroid
				Cut, squeeze out the sap, mix with water and wash the affected part 2-3 times a day.	Topical use					Ringworms, Athlete's foot
<i>Annona senegalensis</i> Pers	Annonaceae/WC/MST028/M/SS/LC	Mpoza	Roots, Stems	Cut, sun/shade dry, grind into powder, put 1-2 teaspoons into porridge, 2 times a day.	Oral	0.18	0.13	0.5	0.86	Cholera
				Cut, sun/shade dry, grind into powder, mix with and <i>Mangifera indica</i> , put 1-2 teaspoons into porridge, 2 times a day.	Oral					Dysentery, Diarrhoea
				Cut, shade/ sundry, pound into powder, mix with <i>Mangifera indica</i> and <i>Zanha africana</i> , prepare porridge/ wash affected area.	Oral, genital wash					Chancroid
				Sun/shade dry, grind into powder, mix with <i>Tephrosia vogelli</i> , <i>Annona senegalensis</i> , and vaseline or cooking oil, apply on the affected area, 2-3 times a day.	Otic/ topical use					Skin abscess
<i>Arachis hypogaea</i> L.	Leguminosae/WC/MST080/C/H/LC	Skawa	Seeds	Cut, shade/ sundry, pound into powder, mix with <i>Capsicum annuum</i> , <i>Asparagus buechananii</i> , <i>Phaseolus vulgaris</i> , and <i>Pseudolachnostylis maprouneifolia</i> , prepare porridge/ mix the powdered material with an antelope's skin, snail's shell and vegetable oil and apply on the affected area.	Topical	0.05	0.03	1	0.2	Athlete's foot
<i>Asparagus buechananii</i> Baker	Asparagaceae/WC/MST040/W/S/LC	Mkolan khanga	Roots	Cut, shade/ sun dry, pound into powder, mix with <i>Musa</i> × <i>paradisiaca</i> , and <i>Acacia amythethophylla</i> , soak in water and wash on affected area/prepare porridge and add half teaspoon 3 times a day.	Oral, topical/ genital wash	0.13	0.08	0.5	0.59	Syphilis

				Cut, shade dry, pound into powder, mix with <i>Ziziphus abyssinica</i> , and <i>Erthrophleum suaveolens</i> , soak in water, sieve, and administer with milk/ honey (1-2 teaspoons), drink half cup.	Oral					Intestinal worms/helminths
				Cut into small pieces, shade dry, grind into powder with mortar and pestle, boil with <i>Terminalia sericea</i> for less than 10 min, mix with honey/milk, and drink.	Oral					Ulcers
<i>Azadirachta indica</i> A. Juss.	Meliaceae/WC/MST078/C/T/LC	Nimu	Leaves	Cut, mix <i>Zingiber officinale</i> , <i>Allium sativum</i> , <i>Phaseolus vulgaris</i> with <i>Mylabis</i> spp (insect), and monkey bones, pulverize into powder, boil for 10-15 min, take it orally one cup full, 2-3 times a day).	Oral	0.15	0.08	0.08	0.46	HIV/AIDS
				Cut, mix <i>Zingiber officinale</i> , <i>Allium sativum</i> , and <i>Ziziphus abyssinica</i> boil for 10-15 min, then steaming by covering oneself with a blanket for 5-10 min, 2-3 times a day.	Inhalation, oral					Covid 19
				Cut, shade dry, pound into powder, soak/boil in water, drink half -one cup a day with milk/ 1-2 teaspoon of honey.	Oral					Malaria
<i>Azanza garckeana</i> (F.Hoffm) Exell & Hillc.	Malvaceae/WC/MST069/M/T/LC	Matowa	Leaves	Cut, shade/sundry, pound into powder, mix with <i>Trichodesma zeylanicum</i> soak in water and wash eyes.	Ocular	0.18	0.08	0.83	0.46	Conjunctivitis
				Cut, mix with <i>Asparagus buechananii</i> , <i>Bauhinia thonningii</i> , and <i>Lannea discolor</i> roots, boil/steam, and cover with a blanket, 2-3 times a day.	Oral					Common cold
				Mix <i>Azanza garckeana</i> , <i>Combretum zeyheri</i> , and <i>Ziziphus abyssinica</i> , cut, sundry, pound into powder, prepare porridge to add half to 1 teaspoon.	Oral					Tuberculosis
<i>Baccharoides adoensis</i> (Sch. Bip. ex Walp.) H.Rob.	Leguminosae/WC/MST014/W/T/LC	Chiso	Roots	Cut, shade dry, pound into powder, soak in water, mix with milk/ honey (1-2 teaspoons), drink half cup.	Oral	0.63	0.2	0.83	1.2	Dysentery, Diarrhoea, Intestinal worms/helminths, Malaria
				Cut, mix with <i>Solanum panduriforme</i> and <i>Baccharoides adoensis</i> roots half burn, make incisions on the affected lung area.	Oral, subcutaneous					Pneumonia
				Cut, shade dry, pound into powder, mix with <i>Gardenia ternifolia</i> , <i>Cassia abbreviata</i> , and <i>Baccharoides adoensis</i> , prepare porridge/ apply powder on the affected area.	Oral, topical use					Chancroid
				Cut, shade dry, pound into powder, mix with <i>Cassia abbreviata</i> , and <i>Oldfieldia dactylophylla</i> prepare porridge/ apply powder on the affected area.	Oral, topical use					Gonorrhoea
				Cut, shade dry, pound into powder, soak in water, drink half cup/ mix powder with <i>Zanha africana</i> , <i>Cassia abbreviata</i> , <i>Oldfieldia dactylophylla</i> , and vaseline, apply on the affected part 2 times a day.	Oral, topical use					Shingles
<i>Bauhinia thonningii</i> Schum	Leguminosae/WC/MST025/W/T/DD	Museke	Leaves	Fresh/dried plant material is boiled, cooled, and sieved, extract is used to prepare porridge -3 times a day (morning, afternoon, and evening).	Oral	0.15	0.13	0.6	0.73	River blindness

				Cut, sun/shade dry, grind into powder, mix with <i>Cissus grisea</i> , put 1-2 teaspoons into porridge, 2 times a day.	Oral					Diarrhoea
				Cut, shade dry, pound into powder, mix with <i>Steganotaenia araliacea</i> , and <i>Cassipourea malosana</i> soak in water, sieve, and administer with milk/ honey (1-2 teaspoons), drink half cup.	Oral					Intestinal worms/helminths
				Cut, mix with <i>Asparagus buchananii</i> , <i>Lannea discolor</i> , and <i>Azanza garckeana</i> roots, boil/steam, and cover with a blanket, 2-3 times a day.	Inhalation, oral					Common cold
				Clean with water, section into small pieces, shade dry, grind into powder with mortar and pestle, mix with <i>Senna singueana</i> , cold macerate, administer orally or mix with porridge, 3 times a day.	Oral					Malaria
<i>Blepharis grandis</i> C.B. Clarke	Acanthaceae/WC /MST047/W/H/L C	Jolojont hi	Roots	Cut, shade/ sundry, pound into powder, soak/boil with <i>Asparagus buchananii</i> in water, drink a half cup a day/ apply the mixed powder on the affected area.	Topical/ oral	0.08	0.05	0.5	0.39	Shingles
				Cut into small pieces, shade dry, grind into powder with mortar and pestle, boil with <i>Cassia abbreviata</i> , and <i>Asparagus buchananii</i> , for less than 10 min, mix with honey/milk and drink.	Oral					Ulcers
<i>Boscia angustifolia</i> A.Rich	Capparaceae/W C/MST042/W/T/ LC	Mpotol o	Roots	Cut, mix with <i>Ziziphus abyssinica</i> , <i>Ficus sycamorus</i> , <i>Mucuna stans</i> , <i>Lannea discolor</i> , and <i>Pericopsis angolensis</i> dried powdered material with water, simmer with lukewarm water and press on the affected limbs.	Oral	0.08	0.08	0	0.59	Polio
				Cut, shade/ sundry, pound into powder, mix with <i>Leptactina benguelensis</i> , <i>Uapaca kirkiana</i> , and <i>Carica papaya</i> soak in water and wash on affected area.	Oral, topical/ genital wash					Candidiasis
				Mix <i>Erthrophleum suaveolens</i> , <i>Reissantia indica</i> , and <i>Securidaca longipedunculata</i> , cut, sundry, pound into powder, prepare porridge to add half to 1 teaspoon.	Oral					Tuberculosis
<i>Capsicum annuum</i> L.	Solanaceae/WC/ MST066/C/H/LC	Tsabola	Roots	Mix <i>Flueggea virosa</i> , <i>Capsicum annuum</i> , <i>Musa × paradisiaca</i> , and <i>Euphorbia griseola</i> crush the plant material, add some water, obtain the filtrate and rub on the lungs area.	Topical	0.15	0.1	0.4	0.79	Pneumonia
				Cut, shade/ sun dry, pound into powder, soak/boil with <i>Senna singueana</i> , and <i>Carica papaya</i> in water, drink half -one cup a day.	Oral					Cholera
				Sun/shade dry, grind into powder, mix <i>Ozoroa insignis</i> , <i>Parinari curatellifolia</i> with vaseline or cooking oil, apply on the affected area, 2-3 times a day.	Otic/ topical use					Skin abscess
				Cut, shade/ sundry, pound into powder, mix with <i>Asparagus buchananii</i> , <i>Phaseolus vulgaris</i> , <i>Arachis hypogaea</i> , and <i>Pseudolachnostylis maprouneifolia</i> , and prepare porridge/ mix the powdered material with an antelope's skin, snail's shell and vegetable oil and apply on the affected area.	Topical					Athlete's foot

<i>Carica papaya</i> L.	Caricaceae/WC/M ST061/C/T/LC	Papaya	Leaves / fruit/ seeds	Fresh/dried plant material is boiled, cooled, and sieved, extract is used to prepare porridge -3 times a day (morning, afternoon, and evening).	Oral	0.53	0.13	0.9	0.73	Gonorrhea
				Cut, shade/ sundry, pound into powder, mix with <i>Leptactina benguelensis</i> , <i>Boscia angustifolia</i> , and <i>Uapaca kirkiana</i> , soak in water and wash on the affected area.	Topical					Candidiasis
				Remove the seeds from unripe/ripe fruit, crush them, mix with <i>Ricinus communis</i> , and <i>Maprounea Africana</i> soak in water, sieve and administer with milk/ honey (1-2 teaspoons), drink half cup.	Oral					Intestinal worms/helminths
				Wash the ripe fruit, peel it off and eat the fruit.	Oral					Covid 19
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Senna singueana</i> and <i>Capsicum annuum</i> in water, drink half -one cup a day.	Oral					Cholera
<i>Cascabela thevetia</i> (L.) Lippold	Apocynaceae/W C/MST012/C/T/L C	Heji	Roots	Cut, shade/ sundry, pound into powder, boil with <i>Luffa cylindrica</i> , and <i>Uapaca kirkiana</i> in water, drink half -one cup a day.	Oral	0.05	0.05	1	0.27	Diarrhoea
				Cut, sun/shade dry, grind into powder, mix with <i>Monotes africana</i> , <i>Eriosema ellipticum</i> , and <i>Terminalia sericea</i> , prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral					Dysentery
<i>Cassia abbreviata</i> Oliv.	Leguminosae/W C/MST060/W/T/ LC	Muwa wani	Roots	Cut, shade dry, pound into powder, soak/boil with <i>Zanthoxylum chalybeum</i> , and <i>Oldfieldia dactylophylla</i> in water, mix with milk/ honey, drink half cup.	Oral, topical use	0.68	0.35	0.88	1.5	Malaria
				Clean with water, sun/shade dry, pound into powder, mix with <i>Oldfieldia dactylophylla</i> and <i>Hypoxis nyasica</i> , soak in water, mix with milk/ honey (1-2 teaspoons), drink half cup.	Oral					Urinary Tract Infection
				Mix fresh/dried plant material with <i>Rumex usambarensis</i> , soak in water, sieve, and drink half cup 2-3 times a day.	Oral					Meningitis
				Cut, shade dry, pound into powder, soak in water, mix with milk/ honey (1-2 teaspoons), drink half cup.	Oral					Dysentery
				Cut, shade dry, pound into powder, soak in water, drink half cup/ mix powder with <i>Zanha africana</i> , <i>Baccharoides adoensis</i> , <i>Oldfieldia dactylophylla</i> , and vaseline, apply on the affected part 2 times a day.	Oral, topical use					Shingles
				Cut into small pieces, shade dry, grind into powder with mortar and pestle, boil with <i>Blepharis grandis</i> , and <i>Asparagus buechananii</i> for less than 10 min, mix with honey/milk and drink.	Oral					Ulcers
				Cut, shade dry, pound into powder, mix with <i>Gardenia ternifolia</i> , <i>Baccharoides adoensis</i> , prepare porridge/ apply powder on the affected area.	Oral, topical use					Chancroid
				Cut, shade dry, pound into powder, mix with porridge/ apply the powder to the affected area.	Oral, topical use					Syphilis, Gonorrhea, Bilharzia

				Cut, shade dry, pound into powder, mix with <i>Cissus grisea</i> , prepare porridge, make incisions on the affected area.	Oral, subcutaneous					Elephantiasis
				Cut, shade dry, pound into powder, mix with porridge/ make markings on the affected lung area.	Oral, subcutaneous					Tuberculosis, Common cold
<i>Cassipourea malosana</i> (Baker) Alston	Rhizophoraceae/WC/MST026/W/S/LC	Mkand anjovu	Roots	Cut, shade dry, pound into powder, mix with <i>Steganotaenia araliacea</i> , and <i>Bauhinia thonningii</i> soak in water, sieve and administer with milk/ honey (1-2 teaspoons), drink half cup.	Oral	0.05	0.03	1	0.2	Intestinal worms/helminths
<i>Cassytha filiformis</i> L.	Leguminosae/WC/MST054/W/T/LC	Sakadzi nje	Leaves	Cut, shade/ sundry, pound into powder, mix with <i>Steganotaenia araliacea</i> and <i>Senna spectabilis</i> , soak in water and wash on affected area/ with a smooth stone, boil in water and massage the affected area.	Oral	0.05	0.05	1	0.27	Cholera
				Cut, shade/ sundry, pound into powder, mix with <i>Steganotaenia araliacea</i> , <i>Acacia amythethophylla</i> , <i>Cassytha filiformis</i> , and <i>Solanum panduriforme</i> , prepare porridge/ wash affected area.	Oral, topical					Chancroid
<i>Catunaregam spinosa</i> (Thunb.) Tirveng.	Rubiaceae/WC/MST003/W/S/LC	Chipem bere	Stem, Roots	Clean with water, section into small pieces, shade dry, grind into powder with mortar and pestle, mix with <i>Flueggea virosa</i> , cold macerate, administer orally or mix with porridge, 3 times a day.	Oral	0.05	0.03	1	0.2	Malaria
<i>Cissus grisea</i> (Baker)	Vitaceae/WC/MS T071/W/V/LC	Mphesya	Whole Plant	Cut, shade dry, pound into powder, mix with <i>Cassia abbreviata</i> , prepare porridge, make incisions on the affected area.	Oral, subcutaneous	0.08	0.1	0	0.66	Elephantiasis
				Cut, sun/shade dry, grind into powder, mix with <i>Psidium guajava</i> , and <i>Mangifera indica</i> , put 1-2 teaspoons into porridge, 2 times a day.	Oral					Dysentery
				Cut, sun/shade dry, grind into powder, mix with <i>Bauhinia thonningii</i> , put 1-2 teaspoons into porridge, 2 times a day	Oral					Diarrhoea
				Cut, shade/sundry, pound into powder, mix with <i>Ozoroa insignis</i> , prepare porridge/ half burn the root, and make incisions on the affected lung area.	Oral, subcutaneous					Tuberculosis
<i>Combretum zeyheri</i> Sond.	Combretaceae/WC/MST043/W/T/LC	Mlama/ mpond o	Root Bark	Mix <i>Azanza garckeana</i> , <i>Combretum zeyheri</i> , and <i>Ziziphus abyssinica</i> , cut, sundry, pound into powder, prepare porridge and add half to 1 teaspoon.	Oral	0.05	0.05	0	0.39	Tuberculosis
				Cut, shade/ sundry, pound into powder, mix with <i>Psorospermum febrifugum</i> , and <i>Monotes africana</i> , soak in water and wash on affected area/prepare porridge and add half teaspoon 3 times a day.	Oral, topical/ genital wash					Syphilis
<i>Datura stramonium</i> L	Solanaceae/WC/MST019/W/T/NE	Chengamono	Roots	Cut, shade dry, pound into powder, mix with <i>Cassia abbreviata</i> , and <i>Oldfieldia dactylophylla</i> , prepare porridge half teaspoon, 2 times a day/ apply powder on the affected area.	Topical use	0.05	0.03	1	0.2	Syphilis
<i>Dichrostachys cinerea</i> (L.) Wight & Arn	Leguminosae/WC/MST010/W/T/LC	Mphan gala	Roots	Mix <i>Pterocarpus angolensis</i> , <i>Trichodesma zeylanicum</i> , and <i>Dichrostachys cinerea</i> , clean the roots, burn incompletely/charr, crush into powder, sieve and add body lotion/oil e.g., vaseline, apply on the body).	Topical	0.18	0.1	0.67	0.66	Scabies

				Cut, mix with <i>Mucuna stans</i> , <i>Asparagus buehnananii</i> , and <i>Pericopsis angolensis</i> roots half burn, make incisions on the affected lung area.	Subcutaneous					Whooping cough
				Mix <i>Dichrostachys cinerea</i> , <i>Securidaca longipendunculata</i> , and <i>Asparagus buehnananii</i> , crush the plant material, add some water, obtain the filtrate and rub on the lungs area.	Topical					Pneumonia
				Cut into small pieces, shade dry, grind into powder with mortar and pestle, boil with <i>Ziziphus abyssinica</i> for less than 10 min, mix with honey/milk, and drink.	Oral					Ulcers
<i>Droogmansia pteropus</i> (Baker) De Wild.	Leguminosae/WC/MST053/W/H/LC	Mulung alunga	Root Bark	Cut, shade/sundry, pound into powder, mix with <i>Mucuna stans</i> , <i>Euphorbia griseola</i> , <i>Memecylon flavovirens</i> , and <i>Albizia antunesiana</i> , prepare porridge to add half or 1 teaspoon, 2-3 times a day.	Oral	0.08	0.05	0.5	0.39	Tuberculosis, Cholera
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Sesamum angolense</i> , and <i>Securidaca longipedunculata</i> in water, drink half cup 2-3 times a day.	Oral					Cholera
<i>Eragrostis patens</i> Oliv.	Poaceae/WC/MS T006/W/G/LC	Zukwe	Whole Plant	Cut, shade/ sundry, pound into powder, soak/boil with <i>Uapaca kirkiana</i> , <i>Gardenia ternifolia</i> , and <i>Morus alba</i> in water, drink a half cup a day.	Oral	0.05	0.05	0	0.39	Bilharzia
				Cut, shade/ sundry, pound into powder, mix with <i>Senna singueana</i> , <i>Reissantia indica</i> , and <i>Musa × paradisiaca</i> , soak in water, and wash/massage on the affected area.	Topical					Chancroid
<i>Eriosema ellipticum</i> Baker	Dipterocarpaceae/WC/MST039/W/T/DD	Mukala kati	Root Bark	Cut, sun/shade dry, grind into powder, mix with <i>Monotes africana</i> , <i>Terminalia sericea</i> , and <i>Cascabela thevetia</i> , prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral	0.05	0.03	1	0.2	Dysentery
<i>Erthrophleum suaveolens</i> (Guill. & Perr.) Brenan	Leguminosae/WC/MST076/M/T/LC	Mwavi	Roots	Cut, shade/ sun dry, pound into powder, prepare porridge 2-3 times a day.	Oral use	0.1	0.1	0.33	0.66	Strept throat
				Mix <i>Boscia angustifolia</i> , <i>Reissantia indica</i> , and <i>Securidaca longipedunculata</i> , cut, sundry, pound into powder, prepare porridge and add half to 1 teaspoon of plant material.	Oral					Tuberculosis
				Cut, shade dry, pound into powder, mix with <i>Zanha africana</i> , prepare porridge/ half burn the root, and make incisions on the affected area.	Topical					Polio
				Cut, shade dry, pound into powder, mix with <i>Ziziphus abyssinica</i> , and <i>Psychotria eminiiana</i> , soak in water, sieve, and administer with milk/ honey (1-2 teaspoons), drink half cup.	Oral					Intestinal worms/helminths
<i>Eucalyptus camaldulensis</i> Dehnh.	Myrtaceae/WC/MST056/C/T/NT	Buluga mu	Leaves	Cut, mix, with fresh <i>Zanha africana</i> , boil and steam 2-3 times a day	Inhalation/ oral	0.63	0.08	0.96	0.46	Covid 19

				Cut, shade/sundry, pound into powder, mix <i>Ozoroa insignis</i> , prepare porridge/ half burn the root, and make incisions on the affected lung area.	Oral, subcutaneous						Tuberculosis
				Cut, sun/shade dry, grind into powder, mix with <i>Annona senegalensis</i> , put 1-2 teaspoons into porridge, 2 times a day.	Oral						Diarrhoea
<i>Euphorbia griseola</i> Pax	Euphorbiaceae/WC/MST052/W/S/LC	Mlangari	Whole Plant	Mix <i>Flueggea virosa</i> , <i>Capsicum annuum</i> , <i>Musa × paradisiaca</i> , and <i>Euphorbia griseola</i> crush the plant material, add some water, obtain the filtrate and rub on the lungs area.	Topical	0.05	0.08	0	0.46		Pneumonia
				Cut, shade/sundry, pound into powder, mix with <i>Mucuna stans</i> , <i>Droogmansia pteropus</i> , <i>Memecylon flavovirens</i> , and <i>Albizia antunesiana</i> , prepare porridge, and add half or 1 teaspoon, 2-3 times a day.	Oral						Tuberculosis
				Cut, shade/ sundry, pound into powder, mix with <i>Albizia antunesiana</i> , and <i>Pterocarpus angolensis</i> , soak in water and wash on affected area/prepare porridge and add half teaspoon 3 times a day.	Oral, topical/ genital wash						Gonorrhoea
<i>Ficus sycamorus</i> L	Moraceae/WC/MST077/W/T/LC	Mkuyu	Roots	Clean with water, section into small pieces, shade dry, grind into powder with mortar and pestle, mix with <i>Rumex usambarensis</i> , and <i>Grewia damine</i> , cold maceration, administer orally or mix with porridge, 3 times a day.	Oral	0.08	0.05	0.5	0.39		Malaria
				Cut, mix with <i>Ziziphus abyssinica</i> , <i>Boscia angustifolia</i> , <i>Mucuna stans</i> , <i>Lannea discolor</i> , and <i>Pericopsis angolensis</i> dried powdered material with water, simmer with lukewarm water and press on the affected limbs.	Topical						Polio
<i>Ficus natalensis</i> Hochst.	Moraceae/WC/MST031/W/T/LC	Kacher	Roots	Cut, shade/ sundry, pound into powder, mix with <i>Lannea discolor</i> , and <i>Gardenia ternifolia</i> , soak in water and wash on affected area/ prepare porridge and mix half teaspoon 2-3 times a day.	Topical	0.05	0.05	0	0.39		Gonorrhea
				Mix <i>Ricinus communis</i> , <i>Securidaca longipedunculata</i> , and <i>Uapaca sansibarica</i> , clean the roots, burn incompletely/charr, crush into powder, sieve and add body lotion/oil e.g. vaseline, apply on the body.	Topical						Scabies
<i>Flueggea virosa</i> (Roxb. ex Willd.) Royle	Phyllanthaceae/WC/MST033/W/S/LC	Kapilapila	Roots	Cut, shade/ sundry, pound into powder, soak/boil with <i>Parinari curatellifolia</i> , <i>Syzygium cordatum</i> , and <i>Asparagus buehneri</i> in water, drink a half cup a day.	Oral	0.15	0.05	0.6	0.52		Bilharzia
				Clean with water, section into small pieces, shade dry, grind into powder with mortar and pestle, mix with <i>Flueggea virosa</i> , cold macerate, administer orally or mix with porridge, 3 times a day.	Oral						Malaria
<i>Gardenia ternifolia</i> Schumach. & Thonn	Rubiaceae/WC/MST005/W/S/LC	Muvala	Roots	Cut, shade/ sundry, pound into powder, mix with <i>Ficus natalensis</i> , and <i>Lannea discolor</i> , soak in water and wash on affected area/ prepare porridge and mix half teaspoon 2-3 times a day.	Oral	0.1	0.08	0.67	0.46		Gonorrhea

				Cut, shade dry, pound into powder, mix with <i>Cassia abbreviata</i> and <i>Baccharoides adoensis</i> , prepare porridge/ apply powder on the affected area.	Topical/genital use						Chancroid
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Eragrostis patens</i> , <i>Uapaca kirkiana</i> , and <i>Morus alba</i> in water, drink a half cup a day.	Oral						Bilharzia
<i>Grewia damine</i> Gaertn	Malvaceae/WC/ MST001/W/S/NE	Musipa ni	Roots	Clean, mix with <i>Zea mays</i> . tassels, the half burn of a fire source, crush into powder, make minor incisions on the affected area.	Oral	0.08	0.08	0	0.59		Whooping cough
				Cut, shade/sundry, pound into powder, mix with <i>Gymnosporia senegalensis</i> , and <i>Leptactina benguelensis</i> , mix with vaseline and apply on the affected part.	Topical						Chickenpox
				Clean with water, section into small pieces, shade dry, grind into powder with mortar and pestle, mix with <i>Rumex usambarensis</i> , and <i>Ficus sycomorus</i> , cold macerate, administer orally or mix with porridge, 3 times a day.	Oral						Malaria
<i>Gymnosporia senegalensis</i> (Lam.) Loes.	Celastraceae/WC /MST021/W/T/L C	Mugub elo	Roots	Cut, shade/sundry, pound into powder, mix with <i>Leptactina benguelensis</i> , and <i>Grewia damine</i> , mix with vaseline and apply on the affected part.	Topical	0.08	0.05	0.5	0.39		Chickenpox
				Cut, mix with <i>Pseudolachnostylis maprouneifolia</i> boil for 10-15 min, wash eyes/ cover with a blanket for 6-10 min for 3 times a day.	Ocular						Conjunctivitis
<i>Hypoxis nyasica</i> Baker	Hypoxidaceae/W C/MST063/W/H/ DD	Chiswa bumbu	Corms	Cut, shade/ sundry, pound into powder, soak/boil in water, drink a half cup a day/ prepare with porridge.	Oral, topical use	0.58	0.2	0.86	1.07		Yellow fever
				Clean with water, sun/shade dry, pound into powder, mix with <i>Cassia abbreviata</i> , and <i>Oldfieldia dactylophylla</i> , soak in water, mix with milk/ honey (1-2 teaspoons), drink half cup.	Oral						Urinary Tract Infection
				Cut, shade/ sundry, pound into powder, prepare porridge/ wash affected area with <i>Aloe christianii</i> and apply powder.	Oral, topical use						Ringworms, Candidiasis, Chancroid, Syphilis, Athlete's foot, Gonorrhoea
<i>Lannea discolor</i> (Sond.) Engl.	Anacardiaceae/ WC/MST067/W/ T/DD	Kaumb u	Leaves	Cut, mix with <i>Asparagus buchananii</i> , <i>Bauhinia thonningii</i> , and <i>Azanza garckeana</i> roots, boil/steam and cover with a blanket, 2-3 times a day.	Oral	0.1	0.08	0.33	0.59		Common cold
				Cut, mix with <i>Ziziphus abyssinica</i> , <i>Boscia angustifolia</i> , <i>Fiscus sycamorus</i> , <i>Mucuna stans</i> , and <i>Pericopsis angolensis</i> dried powdered material with water, simmer with lukewarm water, and press on the affected limbs.	Topical						Polio
				Cut, shade/ sundry, pound into powder, mix with <i>Ficus natalensis</i> , and <i>Gardenia ternifolia</i> , soak in water and wash on affected area/ prepare porridge and mix half teaspoon 2-3 times a day.	Oral, topical/ genital wash						Gonorrhoea

<i>Leptactina benguelensis</i> (Welw. ex Benth. & Hook.f	Rubiaceae/WC/MST051/W/SH/D	Chiyen damuta la	Whole Plant	Cut, shade/sundry, pound into powder, mix with <i>Gymnosporia senegalensis</i> , and <i>Grewia damine</i> , mix with vaseline and apply on the affected part.	Oral	0.08	0.08	0	0.59	Chickenpox
				Cut, shade/ sundry, pound into powder, mix with <i>Leptactina benguelensis</i> , <i>Boscia angustifolia</i> , <i>Uapaca kirkiana</i> , and <i>Carica papaya</i> soak in water, and wash on the affected area.	Topical/ genital wash					Candidiasis
<i>Luffa cylindrica</i> (L.) M.Roem.	Cucurbitaceae/WC/MST068/M/H/NE	Siponji	Leaves	Cut, shade/ sundry, pound into powder, boil with <i>Uapaca kirkiana</i> , and <i>Cascabela thevetia</i> in water, drink half -one cup a day.	Oral	0.05	0.03	1	0.2	Diarrhoea
<i>Mangifera indica</i> L	Anacardiaceae/WC/MST029/C/T/DD	Mango yadudu	Stem Bark	Cut, shade/ sundry, pound into powder, soak/boil with <i>Morus alba</i> in water, drink a half cup a day/ prepare with porridge.	Oral	0.23	0.15	0.5	1.05	Yellow fever
				Mix <i>Zanha africana</i> , and <i>Ziziphus abyssinica</i> boil for 10-15 min, then steaming by covering oneself with a blanket for 5-10 min, 2-3 times a day.	Inhalation, oral					Covid 19
				Cut, sun/shade dry, grind into powder, mix with <i>Psidium guajava</i> , and <i>Cissus grisea</i> put 1-2 teaspoons into porridge, 2 times a day.	Oral					Dysentery, diarrhoea
				Cut, shade/ sundry, pound into powder, mix with <i>Annona senegalensis</i> and <i>Zanha africana</i> , prepare porridge/ wash affected area.	Oral, topical/ genital wash					Chancroid
				Cut, shade/sundry, pound into powder, soak in water with <i>Asparagus buehneri</i> , and <i>Gymnosporia senegalensis</i> , wash the affected eyes.	Ocular					Conjunctivitis
<i>Maprounea africana</i> Müll.Arg.	Euphorbiaceae/WC/MST036/W/T/DD	Chagaga	Roots	Cut, shade dry, pound into powder, mix with <i>Ricinus communis</i> , and <i>Carica papaya</i> soak in water, sieve and administer with milk/ honey (1-2 teaspoons), drink half cup.	Oral	0.08	0.05	0.5	0.39	Intestinal worms/helminths
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Pseudolachnostylis maprouneifolia</i> and <i>Zanha africana</i> in water, drink a half cup a day.	Oral					Bilharzia
<i>Memecylon flavovirens</i> Baker	Melastomataceae/WC/MST041/W/T/DD	Kabink hamino	Roots	Cut, shade/sundry, pound into powder, mix with <i>Mucuna stans</i> , <i>Euphorbia griseola</i> , <i>Droogmansia pteropus</i> , and <i>Albizia antunesiana</i> , prepare porridge to add half or 1 teaspoon, 2-3 times a day.	Oral	0.05	0.03	1	0.2	Tuberculosis
<i>Monotes africana</i> A.DC	Dipterocarpaceae/WC/MST035/W/T/DD	Mukalakati	Root Bark	Cut, shade/ sundry, pound into powder, mix with <i>Psorospermum febrifugum</i> , and <i>Combretum zeyheri</i> , soak in water and wash on affected area/prepare porridge and add half teaspoon 3 times a day.	Oral, topical/ genital wash	0.1	0.1	0.67	0.54	Syphilis
				Cut, sun/shade dry, grind into powder, mix with <i>Eriosema ellipticum</i> , <i>Terminalia sericea</i> , and <i>Cascabela thevetia</i> , prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral					Dysentery

				Cut, shade/ sundry, pound into powder, mix with <i>Steganotaenia araliacea</i> , <i>Acacia amythethophylla</i> , <i>Cassytha filiformis</i> and <i>Solanum panduriforme</i> , prepare porridge/ wash affected area.	Oral, topical/ genital wash					Chancroid
				Cut, shade/ sundry, pound into powder, mix with <i>Monotes africana</i> , <i>Senna spectabilis</i> , and <i>Ricinus communis</i> , soak in water and wash on the affected area.	Genital wash					Candidiasis
<i>Morus alba</i> L.	Moraceae/WC/M ST045/C/T/NE	Makatu kubeni/ katuben i	Roots	Cut, shade/ sundry, pound into powder, soak/boil with <i>Eragrostis patens</i> , <i>Uapaca kirkiana</i> , and <i>Gardenia ternifolia</i> in water, drink a half cup a day.	Oral	0.15	0.05	0.8	0.39	Bilharzia
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Mangifera indica</i> in water, drink a half cup a day/ prepare with porridge.	Oral					Yellow fever
<i>Mucuna stans</i> Baker	Leguminosae/W C/MST048/W/V/ DD	Nkhun ga/chite dze	Roots	Cut, mix with <i>Ziziphus abyssinica</i> , <i>Boscia angustifolia</i> , <i>Ficus sycamorus</i> , <i>Lannea discolor</i> , and <i>Pericopsis angolensis</i> dried powdered material with water, simmer with lukewarm water, and press on the affected limbs.	Oral	0.08	0.08	0.5	0.46	Polio
				Cut, shade/sundry, pound into powder, mix with <i>Euphorbia griseola</i> , <i>Droogmansia pteropus</i> , <i>Memecylon flavovirens</i> , and <i>Albizia antunesiana</i> , prepare porridge add half or 1 teaspoon, 2-3 times a day.	Oral					Tuberculosis
				Cut, mix with <i>Dichrostachys cinerea</i> , <i>Asparagus buchananii</i> , and <i>Pericopsis angolensis</i> roots half burn, make incisions on the affected lung area.	Subcutaneous					Whooping cough
<i>Musa × paradisiaca</i> L.	Musaceae/WC/M ST016/C/T/NE	Nthoch i	Leaves	Cut, shade/ sundry, pound into powder, mix with <i>Senna singuena</i> , soak in water and wash on affected area/ prepare porridge and mix half teaspoon 2-3 times a day.	Oral	0.08	0.1	0.5	0.54	Gonorrhoea
				Cut, shade/ sundry, pound into powder, mix with <i>Psychotria eminiana</i> , and <i>Acacia amythethophylla</i> , soak in water and wash on affected area/prepare porridge and add half teaspoon 3 times a day.	Oral, topical/ genital wash					Syphilis
				Cut, shade/ sundry, pound into powder, mix with <i>Senna singueana</i> , <i>Reissantia Indica</i> and <i>Eragrostis patens</i> , soak in water and wash/massage on the affected area.	Topical					Chancroid
				Mix <i>Flueggea virosa</i> , <i>Capsicum annuum</i> , <i>Musa × paradisiaca</i> , and <i>Euphorbia griseola</i> crush the plant material, add some water, obtain the filtrate and rub on the lungs area.	Topical					Pneumonia
<i>Oldfieldia dactylophylla</i> (Welw. ex Oliv.) J.Léonard	Picrodendraceae/ WC/MST034/W/ T/DD	Nawon ga	Roots	Cut, shade dry, pound into powder, soak/boil in water, drink half -one cup a day.	Oral	0.58	0.23	0.83	1.27	Diarrhoea, Dysentery
				Clean, section into small pieces, soak in water, sieve, and drink the extract.	Oral					Common cold

				Cut, shade dry, pound into powder, soak/boil with <i>Zanthoxylum chalybeum</i> , and <i>Cassia abbreviata</i> in water, mix with milk/ honey, drink half cup.	Oral						Malaria
				Cut, shade dry, pound into powder, soak in water, drink half cup/ mix powder with <i>Zanha africana</i> , <i>Baccharoides adoensis</i> , <i>Cassia abbreviata</i> , and vaseline, apply on the affected part 2 times a day.	Topical						Shingles
				Clean with water, sun/shade dry, pound into powder, mix with <i>Cassia abbreviata</i> and <i>Hypoxis nyasica</i> , soak in water, mix with milk/ honey (1-2 teaspoons), drink half cup.	Oral						Urinary Tract Infection
				Cut, shade dry, pound into powder, mix with porridge/ apply the powder to the affected area.	Oral						Syphilis
				Cut, shade/ sundry, pound into powder, boil with <i>Zanthoxylum chalybeum</i> in water, drink a half cup a day.	Oral						Bilharzia
				Cut, shade dry, pound into powder, mix with <i>Cassia abbreviata</i> , and <i>Ozoroa insignis</i> prepare porridge/ apply powder on the affected area.	Oral, topical use						Gonorrhoea
<i>Ozoroa insignis</i> Delile	Anacardiaceae/ WC/MST023/W/ T/LC	Chifitye	Roots	Cut, shade/ sundry, pound into powder, soak/boil with <i>Zanthoxylum chalybeum</i> , <i>Mangifera indica</i> , <i>Oldfieldia dactylophylla</i> , <i>Zanha africana</i> , and <i>Psorospermum febrifugum</i> in water, drink half - one cup a day.	Oral	0.65	0.23	0.79	1.39		Cholera, Diarrhoea, Dysentery
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Solanum panduriforme</i> , and <i>Pterocarpus angolensis</i> , in water, drink a half cup a day.	Oral						Bilharzia
				Cut, mix with <i>Abelmoschus esculentus</i> , <i>Sesamum angolense</i> , <i>Ziziphus abyssinica</i> , and <i>Ozoroa insignis</i> roots half burn, make incisions on the affected lung area.	Subcutaneous						Whooping cough
				Sun/shade dry, grind into powder, mix <i>Capsicum annuum</i> , and <i>Parinari curatellifolia</i> with vaseline or cooking oil, apply on the affected area, 2-3 times a day.	Otic/ topical use						Skin abscess
				Cut, shade/ sundry, pound into powder, mix with porridge/ mix powder with vaseline/ cooking oil, and apply powder on the affected area.	Oral, topical use						Shingles, Scabies
				Cut, shade/sundry, pound into powder, mix <i>Cissus grisea</i> , prepare porridge/ half burn the root, and make incisions on the affected lung area.	Oral, subcutaneous						Tuberculosis
<i>Parinari curatellifolia</i> Planch. ex Benth	Chrysobalanacea e/WC/MST024/M /T/LC	Mbula	Leaves	Sun/shade dry, grind into powder, mix <i>Ozoroa insignis</i> , <i>Capsicum annuum</i> with vaseline or cooking oil, apply on the affected area, 2-3 times a day.	Otic/ topical use	0.05	0.05	0	0.39		Skin abscess
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Syzygium cordatum</i> , <i>Flueggea virosa</i> , and <i>Asparagus buehneri</i> in water, drink a half cup a day.	Oral						Bilharzia

<i>Pericopsis angolensis</i> (Baker) Meeuwen	Leguminosae/WC/MST058/M/T/LC	Muwan ga	Roots	Cut, shade/ sundry, pound into powder, mix with <i>Pterocarpus angolensis</i> and <i>Securidaca longipendunculata</i> , mix with cooking oil or vaseline, apply on the affected area.	Topical	0.08	0.08	0	0.59	Ringworms
				Cut, mix with <i>Ziziphus abyssinica</i> , <i>Boscia angustifolia</i> , <i>Ficus sycamorus</i> , <i>Mucuna stans</i> , and <i>Lannea discolor</i> dried powdered material with water, simmer with lukewarm water, and press on the affected limbs.	Oral					Polio
				Cut, mix with <i>Dichrostachys cinerea</i> , <i>Mucuna stans</i> , and <i>Asparagus buechananii</i> roots half burn, make incisions on the affected lung area.	Subcutaneous					Whooping cough
<i>Phaseolus vulgaris</i> L.	Leguminosae/WC/MST062/C/HV/NE	Nyemba	Leaves	Mix <i>Azadirachta indica</i> , <i>Allium sativum</i> , <i>Zingiber officinale</i> with <i>Mylabis</i> spp (insect), and monkey bones, pulverize into powder, boil for 10-15 min, take it orally one cup full, 2-3 times a day).	Oral	0.1	0.05	0	0.39	HIV/AIDS
				Cut, shade/ sundry, pound into powder, mix with <i>Capsicum annum</i> , <i>Asparagus buechananii</i> , <i>Arachis hypogaea</i> , and <i>Pseudolachnostylis maprouneifolia</i> , prepare porridge/ mix the powdered material with an antelope's skin, snail's shell and vegetable oil and apply on the affected area.	Oral, topical					Athlete's foot
<i>Pouzolzia mixta</i> Solms	Urticaceae/WC/MST044/W/S/LC	Lithopwa	Leaves	Cut fresh leaves into small pieces, boil with water for less than 10 min, mix with honey/milk and drink 2-3 times a day.	Oral	0.05	0.03	1	0.2	Ulcers
<i>Pseudolachnostylis maprouneifolia</i> Pax	Phyllanthaceae/WC/MST002/W/T/LC	Msolo	Roots	Cut, mix with <i>Gymnosporia senegalensis</i> , boil for 10-15 min, wash eyes/ cover with a blanket for 6-10 min for 3 times a day.	Ocular	0.25	0.08	0.78	0.59	Conjunctivitis
				Cut, shade/ sundry, pound into powder, mix with <i>Capsicum annum</i> , <i>Asparagus buechananii</i> , <i>Arachis hypogaea</i> , and <i>Phaseolus vulgaris</i> , prepare porridge/ mix the powdered material with an antelope's skin, snail's shell and vegetable oil and apply on the affected area.	Oral, topical					Athlete's foot
<i>Psidium guajava</i> L	Myrtaceae/WC/MST072/M/T/LC	Guafa	Leaves	Cut, sun/shade dry, grind into powder, mix with <i>Cissus grisea</i> , and <i>Mangifera indica</i> , put 1-2 teaspoons into porridge, 2 times a day.	Oral	0.05	0.05	1	0.27	Dysentery, diarrhoea
<i>Psorospermum febrifugum</i> Spach.	Hypericaceae/WC/MST079/W/T/LC	Kavundula	Roots	Cut, shade/ sundry, pound into powder, boil with <i>Mangifera indica</i> in water, drink half -one cup a day.	Oral	0.2	0.23	0.43	1.27	Dysentery, Diarrhoea
				Cut, shade/sundry, pound into powder, mix with <i>Psorospermum febrifugum</i> , <i>Ziziphus abyssinia</i> , and <i>Trichodesma zeylanicum</i> prepare porridge/ half burn the roots, and make incisions on the affected lung area.	Oral, subcutaneous					Pneumonia
				Cut, shade/ sundry, grind into powder, mix with <i>Trichodesma zeylanicum</i> , prepare porridge/ wash affected area with <i>Aloe christianii</i> leaf sap and apply powder.	Oral, topical use					Syphilis, Chancroid
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Acacia amythethophylla</i> in water, drink half cup 2-3 times a day.	Oral					Cholera

				Clean the roots, burn incompletely/charr, crush into powder, sieve and add body lotion/oil e.g., vaseline, apply on the body.	Topical					Scabies
				Cut, shade/ sundry, pound into powder, mix with <i>Tephrosia vogelli</i> , mix with cooking oil or vaseline, apply on the affected area.	Topical use					Ringworms
				Cut, shade/ sundry, pound into powder, boil with <i>Psorospermum febrifugum</i> , and <i>Zanthoxylum chalybeum</i> in water, drink a half cup a day.	Oral					Bilharzia
<i>Psychotria eminiana</i> (Kuntze) E.M.A.Petit	Rubiaceae/WC/MST004/W/S/LC	Chisun khunthu	Roots	Cut, shade/ sun dry, pound into powder, mix with <i>Musa × paradisiaca</i> , <i>Acacia amythethophylla</i> , soak in water and wash on affected area/prepare porridge and add half teaspoon 3 times a day.	Genital wash	0.125	0.1	0.50	0.59	Syphilis
				Cut, shade dry, pound into powder, mix with <i>Ziziphus abyssinica</i> , <i>Erthrophleum suaveolens</i> , soak in water, sieve and administer with milk/ honey (1-2 teaspoons), drink half cup.	Oral					Intestinal worms/Helminths
				Cut into small pieces, shade dry, grind into powder with mortar and pestle, boil with <i>Terminalia sericea</i> for less than 10 min, mix with honey/milk and drink.	Oral					Ulcers
<i>Pterocarpus angolensis</i> DC.	Leguminosae/WC/MST008/M/T/LC	Mlombwa	Roots	Mix <i>Pterocarpus angolensis</i> , <i>Trichodesma zeylanicum</i> , and <i>Dichrostachys cinerea</i> , clean the roots, burn incompletely/charr, crush into powder, sieve, and add body lotion/oil e.g., vaseline, apply on the body.	Oral	0.1	0.13	0	0.86	Scabies
				Cut, shade/ sundry, pound into powder, boil with <i>Uapaca sansibarica</i> in water, drink half -one cup a day.	Topical					Diarrhoea
				Cut, shade/ sundry, pound into powder, mix with <i>Euphorbia griseola</i> , <i>Albizia antunesiana</i> , and <i>Pterocarpus angolensis</i> , soak in water and wash on affected area/prepare porridge and add half teaspoon 3 times a day.	Oral, topical/ genital wash					Gonorrhoea
				Cut, shade/ sundry, pound into powder, mix with <i>Securidaca longipendunculata</i> and <i>Pericopsis angolensis</i> , mix with cooking oil or vaseline, apply to the affected area.	Topical					Ringworms
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Solanum panduriforme</i> , and <i>Ozoroa insignis</i> in water, drink a half cup a day.	Oral					Bilharzia
<i>Reissantia indica</i> (Willd) N. Halle	Celastraceae/WC/MST075/W/T/NE	Mulwivi	Roots	Mix <i>Erthrophleum suaveolens</i> , <i>Boscia angustifolia</i> , and <i>Securidaca longipedunculata</i> , cut, sundry, pound into powder, prepare porridge and add half to 1 teaspoon.	Oral	0.05	0.05	0	0.39	Tuberculosis
				Cut, shade/ sundry, pound into powder, mix with <i>Senna singueana</i> , <i>Musa × paradisiaca</i> , <i>Eragrostis patens</i> , soak in water and wash/massage on the affected area.	Topical					Chancroid
<i>Ricinus communis</i> L.	Euphorbiaceae/WC/MST050/W/S/NE	Mono	Roots	Cut, shade/ sundry, pound into powder, mix with <i>Monotes africana</i> , and <i>Senna spectabilis</i> , soak in water, and wash on the affected area.	Genital wash	0.2	0.08	0.71	0.59	Candidiasis

				Mix <i>Securidaca longipedunculata</i> , <i>Ficus natalensis</i> , and <i>Uapaca sansibarica</i> , clean the roots, burn incompletely/charr, crush into powder, sieve and add body lotion/oil e.g., vaseline, apply on the body.	Topical					Scabies
				Cut, shade dry, pound into powder, mix with <i>Maprounea Africana</i> , and <i>Carica papaya</i> soak in water, sieve and administer with milk/honey (1-2 teaspoons), drink half cup.	Oral					Ulcers
<i>Rumex usambarensis</i> (Dammer) Dammer	Polygonaceae/W C/MST017/W/H/DD	Mbozy atete	Leaves . roots	Mix Fresh/dried plant material with <i>Cassia abbreviata</i> , soak in water, sieve, and drink half cup 2-3 times a day.	Oral use	0.05	0.05	0	0.39	Meningitis
				Clean with water, section into small pieces, shade dry, grind into powder with mortar and pestle, mix with <i>Grewia damine</i> , and <i>Ficus sycomorus</i> , cold macerate, and administer orally or mix with porridge, 3 times a day.	Oral					Malaria
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Zanha africana</i> and <i>Maprounea africana</i> in water, drink a half cup a day.	Oral					Bilharzia
<i>Securidaca longipedunculata</i> Fresen	Polygalaceae/W C/MST007/W/S/L C	Muulu ka	Stem Bark	Cut, shade/ sundry, pound into powder, mix with <i>Pterocarpus angolensis</i> and <i>Pericopsis angolensis</i> , mix with cooking oil or vaseline, apply on the affected area.	Topical	0.13	0.15	0.25	0.93	Ringworms
				Mix <i>Dichrostachys cinerea</i> , <i>Securidaca longipendunculata</i> , and <i>Asparagus buchananii</i> , crush the plant material, add some water, obtain the filtrate and rub on the lungs area.	Topical					Pneumonia
				Mix <i>Erthrophleum suaveolens</i> , <i>Boscia angustifolia</i> , <i>Reissantia indica</i> , and <i>Securidaca longipedunculata</i> , cut, sundry, pound into powder, prepare porridge and add half to 1 teaspoon.	Oral					Tuberculosis
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Sesamum angolense</i> , <i>Securidaca longipedunculata</i> , and <i>Droogmansia pteropus</i> in water, drink half cup 2-3 times a day.	Oral					Cholera
				Mix <i>Ricinus communis</i> , <i>Ficus natalensis</i> , and <i>Uapaca sansibarica</i> , clean the roots, burn incompletely/charr, crush into powder, sieve and add body lotion/oil e.g., vaseline, apply on the body.	Topical					Scabies
				Cut, shade/ sundry, pound into powder, mix with <i>Senna singueana</i> , <i>Reissantia indica</i> , <i>Musa × paradisiaca</i> , and <i>Eragrostis patens</i> , soak in water and wash/massage on the affected area.	Topical					Chancroid
<i>Senna singueana</i> (Delile) Lock	Leguminosae/W C/MST049/W/T/LC	Mtanth a nyerere	Roots	Cut, shade/ sundry, pound into powder, mix with <i>Musa × paradisiaca</i> , and <i>Senna singuena</i> , soak in water and wash on affected area/ prepare porridge and mix half teaspoon 2-3 times a day.	Oral, topical use	0.13	0.1	0.5	0.66	Gonorrhea
				Cut, shade/ sundry, pound into powder, mix with <i>Reissantia indica</i> , <i>Musa × paradisiaca</i> , and <i>Eragrostis patens</i> , soak in water and wash/massage on the affected area.	Topical					Chancroid

				Cut, shade/ sundry, pound into powder, soak/boil with <i>Carica papaya</i> , and <i>Capsicum annuum</i> in water, drink half -one cup a day.	Oral					Cholera
				Clean with water, section into small pieces, shade dry, grind into powder with mortar and pestle, mix with <i>Bauhinia thonningii</i> , cold macerate, administer orally or mix with porridge, 3 times a day.	Oral					Malaria
<i>Senna spectabilis</i> (DC.) H.S. Irwin & Barneby	Leguminosae/WC/MST059/W/T/LC	Sindere lla	Stem Bark	Cut, shade/ sundry, pound into powder, mix with <i>Steganotaenia araliacea</i> and <i>Cassytha filiformis</i> , soak in water, and wash/massage on affected area/ With a smooth stone, boil in water and massage the affected area.	Oral, topical	0.2	0.13	0.86	0.61	Chancroid
				Cut, shade/ sundry, pound into powder, mix with <i>Monotes africana</i> , and <i>Ricinus communis</i> , soak in water, and wash on affected area/ prepare porridge to add a half-1 teaspoon of powdered material 2-3 times a day.	Oral, topical/ genital wash					Candidiasis
				Cut, sun/shade dry, grind into powder, mix with <i>Terminalia sericea</i> , and <i>Syzygium cordatum</i> , prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral					Diarrhoea
				Cut, shade/ sundry, pound into powder, mix with <i>Ficus natalensis</i> , <i>Lannea discolor</i> , and <i>Gardenia ternifolia</i> , soak in water and wash on affected area/ prepare porridge and mix half teaspoon 2-3 times a day.	Oral, topical use					Gonorrhoea
<i>Sesamum angolense</i> Welw.,	Pedaliaceae/WC/MST057/W/H/D	Nyolon yolo/maope	Leaves	Cut, shade/ sundry, pound into powder, soak/boil with <i>Securidaca longipedunculata</i> , and <i>Droogmansia pteropus</i> in water, drink half cup 2-3 times a day.	Oral	0.05	0.05	0	0.39	Cholera
				Cut, mix with <i>Abelmoschus esculentus</i> , <i>Sesamum angolense</i> , <i>Ziziphus abyssinica</i> , and <i>Ozoroa insignis</i> roots half burn, make incisions on the affected lung area.	Subcutaneous					Whooping cough
<i>Solanum panduriforme</i> E. Mey.	Solanaceae/WC/MST009/W/H/LC	Nthula	Leaves , Roots	Cut, shade/ sundry, pound into powder, mix with <i>Trichodesma zeylanicum</i> prepare porridge/ mix powder with water or oil, and apply on the affected area.	Oral, topical use	0.2	0.13	0.71	0.73	Ringworms, Chancroid
				Cut, mix with <i>Solanum panduriforme</i> and <i>Baccharoides adoensis</i> roots half burn, make incisions on the affected lung area.	Subcutaneous					Pneumonia
				Cut, shade/ sundry, pound into powder, mix with porridge/ mix powder with vaseline/ cooking oil, and apply powder on the affected area.	Topical					Shingles
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Ozoroa insignis</i> and <i>Pterocarpus angolensis</i> in water, drink a half cup a day.	Oral					Bilharzia
<i>Solanum lycopersicum</i> L	Solanaceae/WC/MST065/C/H/NE	Tomato	Fruit	Eat a lot of ripe tomatoes/ crush the tomato and wash your eyes.	Oral, ocular	0.13	0.03	1	0.2	River blindness
<i>Steganotaenia araliacea</i> Hochst.	Apiaceae/WC/MST032/W/S/LC	Nyong oloka	Leaves , Roots	Cut, sun/shade dry, grind into powder, mix with <i>Ziziphus abyssinica</i> , and <i>Steganotaenia araliacea</i> , prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral	0.08	0.08	0.05	0.46	Diarrhoea

				Cut, shade/ sundry, pound into powder, mix with <i>Senna spectabilis</i> and <i>Cassytha filiformis</i> , soak in water and wash on the affected area/ With a smooth stone, boil in water and massage the affected area.	Topical						Chancroid
				Cut, shade dry, pound into powder, mix with <i>Cassipourea malosana</i> , and <i>Bauhinia thonningii</i> soak in water, sieve and administer with milk/ honey (1-2 teaspoons), drink half cup.	Oral						Intestinal worms/helminths
<i>Syzygium cordatum</i> Hochst. ex Krauss	Myrtaceae/WC/ MST055/W/S/LC	Katope	Stem Bark	Cut, sun/shade dry, grind into powder, mix with <i>Senna spectabilis</i> , and <i>Terminalia sericea</i> , prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral	0.05	0.05	0	0.39		Diarrhea
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Parinari curatellifolia</i> , <i>Flueggea virosa</i> , and <i>Asparagus buchananii</i> in water, drink a half cup a day.	Oral						Bilharzia
<i>Tephrosia vogelli</i> Hook.f	Leguminosae/W C/MST018/W/S/L C	Mtetez ya	Roots	Cut, shade/ sundry, pound into powder, mix with <i>Psorospermum febrifugum</i> , and cooking oil or vaseline, apply to the affected area.	Topical	0.13	0.05	1	0.27		Ringworms
				Sun/shade dry, grind into powder, mix with <i>Annona senegalensis</i> and vaseline or cooking oil, apply on the affected area, 2-3 times a day.	Otic/ topical use						Skin abscess
<i>Terminalia sericea</i> Burch. ex DC,	Combretaceae/W C/MST027/W/T/ NE	Mjoyi	Root Bark	Cut, sun/shade dry, grind into powder, mix with <i>Senna spectabilis</i> , and <i>Syzygium cordatum</i> , prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral	0.13	0.08	1	0.34		Diarrhoea
				Cut, sun/shade dry, grind into powder, mix with <i>Monotes africana</i> , <i>Eriosema ellipticum</i> , <i>Terminalia sericea</i> , and <i>Cascabela thevetia</i> , prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral						Dysentery
				Cut into small pieces, shade dry, grind into powder with mortar and pestle, boil with <i>Psychotria eminiana</i> for less than 10 min, mix with honey/milk, and drink.	Oral						Ulcers
				Cut, sun/shade dry, grind into powder, mix with <i>Monotes africana</i> , and <i>Terminalia sericea</i> , put 1-2 teaspoons into porridge, 2-3 times a day.	Oral						Dysentery
<i>Trichodesma zeylanicum</i> (Burm. f.) R. Br	Boraginaceae/W C/MST020/W/H/ LC	Chawa wa	Leaves	Cut, shade/ sundry, pound into powder, mix with <i>Hypoxis nyasica</i> and <i>Solanum panduriforme</i> prepare porridge/ wash affected area with <i>Aloe christianii</i> and apply powder.	Oral, topical use	0.23	0.18	0.63	1		Candidiasis, Syphilis, Ringworms
				Cut, shade/sundry, pound into powder, mix with <i>Psorospermum febrifugum</i> , and <i>Ziziphus abyssinia</i> prepare porridge/ half burn the roots and make incisions on the affected lung area.	Topical use						Pneumonia
				Cut, shade/sundry, pound into powder, soak in water and wash eyes.	Ocular						River blindness
				Cut, shade/sundry, pound into powder, mix with <i>Azanza garckeana</i> , soak in water and wash eyes,	Ocular						Conjunctivitis

				Mix <i>Pterocarpus angolensis</i> , and <i>Dichrostachys cinerea</i> , clean the roots, burn incompletely/charr, crush into powder, sieve and add body lotion/oil e.g., vaseline, apply on the body.	Topical use					Scabies
<i>Uapaca kirkiana</i> Mull.Arg	Phyllanthaceae/ WC/MST070/M/ T/LC	Masuk u	Roots	Cut, shade/ sundry, pound into powder, boil with <i>Luffa cylindrica</i> , and <i>Cascabela thevetia</i> in water, drink half -one cup a day.	Oral	0.1	0.08	0.33	0.59	Diarrhoea
				Cut, shade/ sundry, pound into powder, mix with <i>Leptactina benguelensis</i> , and <i>Carica papaya</i> , soak in water and wash on the affected area.	Topical/ genital wash					Candidiasis
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Eragrostis patens</i> , <i>Gardenia ternifolia</i> , and <i>Morus alba</i> in water, drink a half cup a day.	Oral					Bilharzia
<i>Uapaca sansibarica</i> Pax.Tr	Phyllanthaceae/ WC/MST046/W/ T/LC	Msokol owe	Roots/ stems	Cut, shade/ sundry, pound into powder, boil with <i>Pterocarpus angolensis</i> in water, drink half -one cup a day.	Oral, topical use	0.05	0.05	0	0.39	Diarrhoea
				Mix <i>Ricinus communis</i> , <i>Securidaca longipedunculata</i> , and <i>Ficus natalensis</i> , clean the roots, burn incompletely/charr, crush into powder, sieve and add body lotion/oil e.g., vaseline, apply on the body.	Topical					Scabies
<i>Zanha africana</i> (Radlk) Exell	Sapindaceae/WC /MST030/W/T/D D	Muzak aka	Roots/ Stems	Cut, shade/ sundry, pound into powder, mix with <i>Psorospermum febrifugum</i> and <i>Zanthoxylum chalybeum</i> , prepare porridge/ wash affected area.	Oral	0.23	0.15	0.5	1.05	Chancroid
				Cut, shade dry, pound into powder, mix with <i>Erthrophleum suaveolens</i> , prepare porridge/ half burn the root, and make incisions on the affected area.	Oral					Polio
				Cut, shade dry, pound into powder, soak in water, drink half cup/ mix powder with <i>Bacchorides adoensis</i> and vaseline and apply on the affected part,	Oral, topical use					Ringworms
				Cut, mix, with fresh Eucalyptus camadulensis leaves, boil, and steam,	Steaming					Covid-19
				Cut, shade/ sundry, pound into powder, soak/boil with <i>Pseudolachnostylis maprouneifolia</i> and <i>Maprounea africana</i> in water, drink a half cup a day.	Oral					Bilharzia
				Cut, shade dry, pound into powder, soak in water, drink half cup/ mix powder with <i>Baccharoides adoensis</i> , <i>Cassia abbreviata</i> , <i>Oldfieldia dactylophylla</i> , and vaseline, apply on the affected part 2 times a day.	Topical use					Shingles
<i>Zanthoxylum chalybeum</i> Engl.	Rutaceae/WC/M ST015/M/T/LC	Zobala	Roots	Cut, shade/ sundry, pound into powder, mix with <i>Psorospermum febrifugum</i> and <i>Zanha africana</i> , prepare porridge/ wash affected area.	Oral, topical use	0.80	0.28	0.81	1.66	Chancroid, Gonorrhea, Syphilis
				Cut, sundry, pound into powder, mix with <i>Ziziphus abbyssinia</i> and <i>Ozoroa insignis</i> prepare porridge 2-3 times a day.	Oral, subcutaneous					Common cold, Tuberculosis

				Cut, shade dry, pound into powder, soak/boil with <i>Acacia amythethophylla</i> in water, drink half -one cup a day with milk/ 1-2 teaspoon of honey.	Oral						Ulcers
				Cut, shade dry, pound into powder, soak/boil with <i>Cassia abbreviata</i> and <i>Oldfieldia dactylophylla</i> in water, drink half -one cup a day with milk/ 1-2 teaspoon of honey.	Oral						Malaria
				Cut, shade/ sundry, pound into powder, mix with <i>Hypoxis nyasica</i> , prepare porridge/ wash affected area with <i>Aloe christianii</i> and apply powder.	Oral, topical use						Athlete's foot
				Cut, shade/ sundry, pound into powder, boil with <i>Oldfieldia dactylophylla</i> , and <i>Psorospermum febrifugum</i> in water, drink a half cup a day.	Oral						Bilharzia
				Cut, shade/sundry, pound into powder, soak in water and wash eyes.	Ocular						Conjunctivitis
				Cut, shade/ sundry, pound into powder, mix with <i>Ozoroa insignis</i> , prepare and add in porridge, 1 teaspoon 2 times a day.	Oral						Cholera
				Cut, mix, with fresh <i>Eucalyptus camadulensis</i> leaves, boil, and steam.	Inhalation						Common cold
<i>Zea mays</i> L.	Poaceae/WC/MS T011/C/G/NE	Ngoma viswesi	Seeds, tassels	Remove seeds from dried cob, crush into coarse particles with mortar and pestle, soak 1-2 days, sieve, and drink the filtrate.	Oral	0.55	0.08	0.95	0.46		Bilharzia, Cholera
				Clean, mix <i>Grewia damine</i> roots, the half burn of a fire source, crush into powder, make minor incisions on the affected area.	Subcutaneous						Whooping cough
<i>Zingiber officinale</i> Roscoe	Zingiberaceae/W C/MST074/C/H/ LC	Jinja	Rhizo me	Cut mix <i>Azadirachta indica</i> , <i>Allium sativum</i> , and <i>Ziziphus abyssinica</i> boil for 10-15 min, then steaming by covering oneself with a blanket for 5-10 min, 2-3 times a day.	Oral	0.65	0.1	0.96	0.54		Common cold, Covid 19
				Cut, sun/shade dry, grind into powder, mix with <i>Allium sativum</i> , put 1-2 teaspoons into porridge, 2 times a day.	Oral						Diarrhoea
				Mix <i>Azadirachta indica</i> , <i>Allium sativum</i> , <i>Phaseolus vulgaris</i> with <i>Mylabis sp</i> (insect), and monkey bones, pulverize into powder, boil for 10-15 min, and take it orally one cup full, 2-3 times a day).	Oral						HIV/AIDS
<i>Ziziphus abyssinica</i> A. Rich.	Rhamnaceae/WC /MST022/M/T/L C	Kankha nde	Leaves	Cut, mix with <i>Abelmoschus esculentus</i> , <i>Sesamum angolense</i> , <i>Ziziphus abyssinica</i> , and <i>Ozoroa insignis</i> roots half burn, make incisions on the affected lung area.	Oral	0.38	0.23	0.88	1.02		Whooping cough
				Mix <i>Azanza garckeana</i> , and <i>Combretum zeyheri</i> , cut, sundry, pound into powder, prepare porridge, and add half to 1 teaspoon.	Oral						Tuberculosis
				Cut, shade/sundry, pound into powder, mix with <i>Psorospermum febrifugum</i> and <i>Trichodesma zeylanicum</i> , prepare porridge/ half burn the roots, and make incisions on the affected lung area.	Oral, subcutaneous						Pneumonia
				Cut, mix <i>Zingiber officinale</i> , <i>Allium sativum</i> , and <i>Ziziphus abyssinica</i> , boil for 10-15 min, then steam by covering oneself with a blanket for 5-10 min, 2-3 times a day.	Inhalation, oral						Covid 19

	Cut into small pieces, shade dry, grind into powder with mortar and pestle, boil with <i>Dichrostachys cinerea</i> for less than 10 min, mix with honey/milk, and drink.	Oral	Ulcers
	Cut, sun/shade dry, grind into powder, mix with <i>Steganotaenia araliacea</i> , prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral	Diarrhoea
	Cut, sun/shade dry, grind into powder, prepare porridge and add half-1 teaspoon 2-3 times a day.	Oral	Dysentery
	Cut, shade dry, pound into powder, mix with <i>Erthrophleum suaveolens</i> , and <i>Psychotria eminiana</i> , soak in water, sieve, and administer with milk/ honey (1-2 teaspoons), drink half cup.	Oral	Intestinal worms/helminths

Habitat; (W) wild; (C) cultivated; (M) mixture of wild and cultivated; Habit; (H) herbs; (T) trees; (SC) succulent cactus; (S) shrubs; (WV) woody vines; (CS) climbing shrubs; (V/HV) vines/herbal vines; IUCN Red list; (NT) near threatened; (LC) least concern; (VU) vulnerable; (DD) data deficient; (EN) endangered; (NE) not evaluated; (CR) critically endangered; (EW) extinct in wild; (EX) extinct.