

Indian Journal of Traditional Knowledge Vol 23(11), November 2024, pp 1073-1084 DOI: 10.56042/ijtk.v23i11.15010



## Ethnobotanical study of medicinal plants used to treat human ailments in Aseko District, Southeast Ethiopia

Jewar Safeno Jara<sup>a,\*</sup>, Zerihun Girma<sup>b</sup> & Melesse Maryo<sup>c</sup>

<sup>a</sup>Department of General Forestry, Mizan Tepi University, P.O. Box 260, Mizan Tepi University, Ethiopia <sup>b</sup>Wondogenet College of Forestry and Natural Resources, Hawassa University, P. O. Box 128, Sheshemene, Ethiopia <sup>c</sup>Ethiopian Biodiversity Institute, home-based in Civil Service University, Addis Ababa, Ethiopia, P. O. Box 30726

\*E-mail: jewar04@gmail.com; jewarsafano@mtu.edu.et

Received 11 January 2021; revised 16 September 2024; accepted 30 October 2024

## **Supplementary Data**

					e S1 — Lists of MPs collected from Aseko District the mode of preparations, dosage, and applications)					
S. Name	Family	L. Name	PU	•	Mode preparation with dosage used	RA	СО	На	Ct	VN
Acacia	Fabacea		L	Skin rash	Powdered and put on the area	Dm	D			
abyssinica Hochst.ex			L	Goiter (Inniqqii)	Leaf of Acacia abyssinica is smashed and the sap is applied to the goiter for three days with needle.	l Dm	F			
Benth.			L	Back-pain	Fresh crushed leaves are mixed with water and drunk.	O	F			
			L	Leismaneseis	Juvenile leaves crushed and sniffed	N	F	$\boldsymbol{L}$	M	100
			L	Ear problem	Squeezed and added	Au				$\simeq$
			R		Crushed and sniffed with leaves of Solanum incanum	N	F/D			
			L		Pounding the and drinking concoction with honey for 3 mornings	O	F			
Anethum	Apiacea	eKooma	nL	Kidney disease	Pounding the leaf and drinking the Decoction.	O	F/D	_	50	J00
graveolens L		a	R		Pounding and drunk concoction	O	F	$\Xi$	$_{\rm Hg}$	2
Aloe Vera L.		Hargiis	La	Fire burn	The latex is painted on the wound	Dm	F	Η	$\otimes$	J00 3
Allium cepa	Alliacea	Qulubb	i Bu	Jaundice	Grind, paste the crushed part and tie	Dm	F		50	J00
L.	e	i diimaa		Asthma	Boil with Ginger and Drink as herbal tea	O	F/D	工	H	4
Allium sativum L.	Alliacea e	Qullubi adii	iBu	Colds	The blub is pounded, mixed with honey &2-3 teaspoons is eaten for three days.	О	D			
			Bu	Malaria	Eaten with 'injera' and Capsicum annuum L. for 5 days before eating breakfast	O	D			
			Bu	Heart faller	Crushed and eaten for 2-3 days in the morning	O	D			
			Bu	Hemorrhoides	Mixed with honey, butter, Nigella sativa and Trachy spermumammi filtered and stayed for 1 day then one soup spoon is taken each day in the morning	O	D			
			Bu	Stomachache	Eaten by mixing with Ruta chalepensis and adding salt	O	D	$\equiv$	Ig	05
			Bu	Asthma	Mixed with honey, Nigella sativa & Trachy spermumammi		D		Д	$\gamma$
			Би	2 Istimia	& 1 soupspoon is taken each day in the morning.		_			
			Bu	Malaria	Blub pounded, mixed with the crushed fresh leaves of	Dm	F			
			Du	TVILITATIA	Ruta chalepensis, Solanu mnigrum, and applied externally to prevent the disease.	Diii				
			Bu	Wound	Blub is pounded together with the seed of Lepidium sativum and Ricinus communis and tied on the wound every two days for five days.	Dm	D			
Asparagus africanus	Asparag aceae	Sariitii	L	Snake bite	Squeezed with leaves of Stereospermum kunthianum and Citrus limon and 1 coffee cup is given	О	F	Н	8	2006

			(Detai	l descriptions on	e S1 — Lists of MPs collected from Aseko District the mode of preparations, dosage, and applications)					
S. Name	Family	L. Name	PU	Disease Treated	Mode preparation with dosage used	RA	СО	Ha	Ct	VN
			R	Placenta- retention	Root is pounded; warm in water then mixed with honey & is drunk.	О	F			
			L	Spider poison	Leaves crushed and applied on the affected part	Dm	F			
			R	Wound	Fresh root is pounded together with leaves of Dodonea angustifolia, mixed with butter & applied on wound	Dm	F			
			L	Malaria	Leaf is crushed, mixed with milk and taken one coffee cup every morning until the individual goes from the malarias area.	O	F/D			
Asplenium monathes L	Asplenia	Digaluu Makani	L	Sudden sickness	Leaf is pounded with leaf of Cussonia ostinii and human takes 3-4 cup of tea.	О	F	Ep	W	J00
monaines L	ceae	iviakaiii	L	Poison	Squeezed and given	O	F			,
			R	Diabetes	Powdered and taken with honey	Ö	F			
Bidens pilosa	ι Λ sterace			Ear problem	Squeezed and added	Au				J00
L.			R	Gonorrhea	Squeezed and drinking 1 glass cup	O	F	Н	≽	8
٠.	ae	1111	L	Spider poison	Burned on fire and put on the area	Dm		щ	>	o
Ruggica	Brassica	siinafiaa		Common cold	Boil and drink the decoction with tella up on cooling.	O	г D			J00
nigra (L.)	ceae	a	Se	Asthma	Crush with garlic and steep the seed in cold water and drinl the infusion		D D	H	Hg	9
Koch	Brassica	D £	C -	C41-		0	D			
		Kaaruu		Stomach	Crushed and eaten with Allium sativum by adding salt	0	D			
carinataA.Br	ceae		Se		Powdered and mixed with water then dunk.	0	D	_	ad	010
			Se		Boil and drink the decoction with tella up on cooling.	0	D	H	Н	01001
			Se	Asthma	Crush with garlic and steep the seed in cold water and drink the infusion		D			3
	Simarou	Jiloolaat	fR	Wound	Crushed root is mixed with pounded fresh leaf of D.	Dm	F/D			~
antidysenteri	baceae	aa			angustifolia & tied on wound for two days every other day.			$\mathbf{Sh}$	≽	1001
ca			L	Evil eyes	Fresh leaf of Brucea antidysentrica is placed in the nostrils.			<b>0</b> 1		20
			L	Rabies	Squeezed and baked with teff flour and given for 3 days		F			
Calpurnia	Fabaceae	eCeekaa	L	Stomachache	Squeezed and drunk one spoon		F			
aurea Ait			L	Ecto-parasite	Crushed and washed	Dm	F			13
			St	Amoeba	Squeezed, drunk 1/2 glass cup	O	F	$\mathbf{S}$	≽	00
			St	Toothache	Harvested and brushed and put on teeth	Ts	F			5
			L	Diarrhea	Squeezed and drunk 1/2 glass cup	O	F			
Capparis	Cappario	l Haranga	ıRL	Sudden	Root is dried powdered and preserved, 1 spoon powder is	O	D			
omentosa	aceae	maa		sickness	mixed with alcohol & given to human.					
Lam			L	Toothache	The leaf of Capparis tomentosa is chewed and placed on the teeth for some hours.	eTs	F			
			LR	Evil eye	Leaf or root is crushed, add to fire and smoked to the victim.	Dm	D	Sh	$\geqslant$	6100
			R	Intestinal worm	Root of Capparis tomentosa is dried and powdered, mixed with water. 3 spoon is given per aday for three days	О	D			$\mathcal{H}$
			Se	Ascaries	The seeds are dried and eaten	O	D			
			R	Wound	Crushed and painted		F/D			
			Se	Amoeba	Dried, powdered and taken with tea	0	D			
Carica papaya L.	Caricace ae			Malaria	Leaf of Carica papaya and A. sativum bulb are pounded together & made in the form of soup, boiled and mixed		F			
			Fu	Anemia	with honey and 1-2 cup of coffee is used. Fruit of C. papaya squeezed & mixed with sugar, & left	О	F	r .	5.0	114
			R	Lung disease	over night. 2 glasses are used as drink early in morning. Crushing and chewing or Powdering and drinking the	О	D	Г	Η	J001 <sub>4</sub>
				-	solution					
a .	~ .		R		Pounding and, Squeezing & then Drinking the solution	0	F/D			
Catha edulis(Vahl)	Celastrac eae	Jimaa	L	Urine-retention	Fresh leaf together with Ruta chalepensis, Foeniculum vulgareis pounded, mixed with water add local areke	О	F			J00 15
Forssk.exEnd	1				(katkala) and is given orally.			Sh	Hg	
1.			LBa	Intestinal parasite	Fresh leaf and bark will be chewed and swallowed.	O	F	S	Η	

				plementary Tabl il descriptions or	n the mode of preparations, dosage, and applications)					
S. Name	Family	L. Name	PU	Disease Treated	dMode preparation with dosage used	RA	CO	Ha	Ct	VN
			L		Boil with sugar and Drink as herbal tea	O	D			
			Ba	Ascariasis	Boil with garlic and drink the decoction up on cooling	O	F			
			L	Common cold	The leaf of Catha edulis will be boiled with that of Ruta	О	F/D			
Carriera	<b>A</b>	11	D	Head ache	chalepensis and drunk.	N.T	D			
Carissa spinarum L.	Apocyna	пдашѕа	А	nead ache	Dry leaf of Carissa spinarum will be smoked and inhaled through nostrils.	N	D			
spinarum L.	ccac		L	Stomach ache	Pounded leaf is mixed with honey and 2-3 teaspoons will be eaten before breakfast.	О	D			\_
			R	Impotency	Root of Carissa spinarum will be pounded and mixed with local beer (tella) and one glass of it (~250 mL) will be	О	F	$\operatorname{Sh}$	$\geqslant$	9100r
					drunk for three days.					
			R	Evil sprit	Dried root is smoked and inhaled through nose		D			
			R	Evil eye	Root powdered mixed with butter and creamed	Dm				
Citrus limon	Rutaceae	Loomii		Stomachache	Fruit juice is added to water and drunk.	O	F			J00
(L.)Burm.			Fu	Scabies	Fruit juice mixed with fine powder, Root of Acokanther	Dm	F	$\mathbf{Sh}$	$_{\mathrm{Hg}}$	17
					aschimperi, and Applied to the affected part and it Under the sun for about half an hour.			• 1	_	
Clematis	Ranuncu	Fiitii	L	Urine of Bat	Placed on fire and put on the area	Dm	F			
simensis	laceae	1 11111	L	Toothache	Crushed and put on	Ts				
Perr.	140040		L	Tonsilites	Leaf of C. simensis is crushed and pressed, rolled in clean					
					cloth and tied on neck.			7	$\otimes$	81001
			Se	Rheumatism	Boil and drink the decoction up on cooling		D	$\Box$	>	200
			R	Ascariasis	Drink the concoction	Dm				
			L	Lymphatic	Leaf of C.simensis and Lagera aleta are crushed, smashed	Dm	F			
Coffee	Rubiacea	Dimo	Se	Swelling Spider poison	and tied on swelling.  Roasted, powdered, mixed with butter and painted	Dm	D			
arabica L.	e	1Dulla	Se	Diarrhea	Powder of roasted coffee bean will be eaten or drunk before breakfast for 2-3 days.		D			
			Se	Wound	Roasted seeds grounded, and tied on the wound.	Dm	F/D			6
			Se L	Dizzy & headache	Roasting the seeds & leaves, crushing, boiling & drinking i	tO	F/D	Sh	Hg	J0019
			Se	Wound	Roasted seeds grounded, and tied on the wound.		F/D			
			Fu	Diarrhea	The dried coffee bean roasted and powdered then given to the patient by mixing with honey.		D			
Commelina		Harmala	ıL	Headache &	Chewing and giving nasally	N	F		_	20
<i>foliacea</i> Chiov.	naceae			oral sore of children				Щ	>	200
Cinov. Cordia	Boragina	Waddee	I.	Skin rash	Dried, powdered, mixed with butter, painted by washing	Dm	D			•
africana	ceae	ssa	_	SKIII Iusii	the area every day for 7 days and tied with clear cloth	Din				
Ľam.			L	Spider poison	Leaf is burned and the ash is mixed with butter and	Dm	F/D			
					creamed on affected part.			Τ	≽	00
			St	Smell of foot	Stem soaked and added on leg	Dm				7
			L	Wound of leg	Placed on fire and put on the area	Dm				
Coriandrum	Aniaceae	Dimbila	L	Scabies Diffuse	Powdered, mixed with butter and painted The leaf of Coriandrum sativum pound with leaf of Croton	Dm Dm				J00
sativum L.	присси	ala	·L	cutaeous	macrostachyus and Rumex nervosus creamed on pain area	Dill	1/1	Η	$^{\mathrm{Ig}}$	22
				leshmaniasis	for 2-3 days.				1	
Croton	Euphorb	i	La	Ringworm	Painted on the area	Dm	F			
macrostachy us D	aceae		S	Liver problem	The middle part of the stem cooked with teff flour and 5 - 7 spoons is taken.	'O	F/D			
			L	Malaria	Crushed and Smoked		D			~~
			L	Gonorrhea	Powdered, placed on water overnight and filtered and drunken 1 tea glass for two days, hiding from shadow for	О	D	L	$\geqslant$	50023
			Se	Ascaries	one day; cooked teff flour is eaten to stop diarrhea. Cooked with teff flour and eaten from 3-5spoon.	О	D			
			La	Constipation	Harvesting the soft part of stem and drinking with 'Merek'	$^{\circ}$	F/D			

					e S1 — Lists of MPs collected from Aseko District the mode of preparations, dosage, and applications)					
S. Name	Family	L. Name	PU	Disease Treated	d Mode preparation with dosage used	RA	СО	На	Ct	VN
			L	Lymphatic swelling	area Dried leaves of Croton macrostachyus and Premna schimperi will be powdered, and 2-3 tea spoons of the	Dm	D			
			R	Evil eye	powder will be mixed with alcohol or coffee and drunk. Chopped roots of C. macrostachyus & Carissa spinarum will be smoked &inhaled.	N	F/D			
			L L	Febrile illness Headache	Leaf of C. macrostachyus and O.forskolei are fumigated. Leaf of Croton macrostachyus and Ocimumforskolei is	D N	F F			
			L	Haemorrhoid	smashed and sniffed.  The fresh leaves of C. macrostachyus & Cucumis ficifolius		F			
Cuarmia	Cuandai	t Amadda		Diarrhea &	will be pounded together and creamed.		D			10
Cucumis dipsaceus Ehrenb. ex	aceae	t Araddo o	K	vomiting	Root grounded and eaten together with Porridge of teff.	0	ט	Н	*	J00 24
Spach <i>Cucumis</i> ficifoliusA.R ch.		t Araddo o gurraatt		Febrile illness	Root of C. ficifolius, leaf of Ocimum gratissimum and leaf of Calpurnia aurea are pounded together and mixed with cold water and a cup of coffee is given to human.	O	F			
O11.		i	L	Jaundice	Cooked, pasted with honey and eaten.	О	F			
		_	L	Gonorrhea	7,9 or 11 shoot tips is cut, cooked together with Ruta	O	F			
					chalepensis and one spoonful of the solution is drunk per day for seven consecutive days.					5
			RBa	Stomachache	Fresh bark together with bulb of Allium sativum, is pounded, mixed with butter and eaten; or A piece of root chewed with salt and swallowed	О	F	Η	A	J0025
			Fu L	Ear pain Tetanus	Sap of fruit is added to ear canal.  Leaf of Cucumis ficifolius is smashed & 2-4 drop of sap is added to the swelling.	Au Dm				
			LBa	Sudden sickness	Bark & leaf of Cucumis ficifolius is dried & powdered together mixed with alcohol, and a cup of tea is taken	О	F/D			
Cucurbita	Cucurbi	t Dubbaa	Se	Tape worm	Roasted and eaten	О	D		НΩ	<i>J00</i>
pepo L.	aceae		Se	Hookworm	Seeds are soaked in water over night, chew and swallowed as they are.		F/D	Η		26
Clutia	Euphorb	iUlee	R	Qora (Cold)	washing the patient by concoction or decoction	Dm	F			J00
abyssinica	aceae	Fooni	St	Gum bleed	Clean teeth by juline stem as brush	Dm	F			27
Jaub.			L	Epilepsy	Taking concoction steam bath	Dm		Sh	≽	
			La	Tinea corporis	Paint/rub/pastethe latex/sap/flesh/juice directly	Dm		01		
~ .	_	_	LBa	Rabies	Pound leaves & bark drink concoction ½ coffee cup for human & 1 cup for cattle		F			
Cynodon dactylon L.	Poaceae	Coqorsa	a Wp	Snake bite	The entire above ground parts of Cynodondactylon will be crushed, mixed with butter and rubbed onto the skin part	Dm	F	-	_	10028
			Wp	Wound	bitten by the snake.  The whole plant will be crushed finely and sprayed over the wound every night for some days.	eDm	F	Д	≱	200
Cynoglossun	a Boragina	a Maxxar	ı L	Ear disease	Leaves smashed and the exudates dropped in ear	Au	F			J00
lanceolatum		nee	L	Headache	Leaves crushed and sniffed	N	F			29
Forssk			L	Eye disease	Leaves smashed and the extracts dropped in eye	OP		Η	≽	
			L	Hemorrhoid	Leaves powdered with leaves of C. macrostachyus and creamed on the affected part by mixing with butter	An	F			
Datura stramonium	Solanace ae	e Banjii	Fu	Scabies(citto)	Powdered fruit of Datura stramonium 2-3 spoon of the powder is mixed with butter and creamed.	Dm	F			
L.			Fu	Dandruff	Fruit of Datura stramonium is dried and powdered, mixed with water and used to wash head skin.		D			J0030
			Fu	Malaria	Powdered fruit of Datura stramonium is mixed with honey & 3-4 spoons are eaten with pounded A. sativum.	О	D			70C
			R	Headache	Roots of D. stramonium is pounded with Ocimum gratissimum leaf sniffed Nasaly.	N	F			

			(Deta	-	the mode of preparations, dosage, and applications)					
S. Name	Family	L. Name	PU	Disease Treated	Mode preparation with dosage used	RA	CO	На	Ct	VN
			L	Wound	The leaf is pounded and applied (put) on affected area once a day for 2-5 days.	Dm	F/D			
			Fu	Diarrhea	Drink 1-coffee cup decoction	O	D			
			L	Rheumatism	Washing with leaves of Acacia abyssinica, Ocimum lamiifolium and Justica schimperiana for 3 days	Dm	F			
Dodonea angustifoliaL	Sapindad Leae	e Iticha	L	Ear wound	Crushed, mixed with butter and placed on the damaged part.	Au	D	7	_	J00 31
. F			L	Wound	Fresh/dried leaf is grounded and applies to the wound after washing with squeezed leaf of Calpurnia aurea.	Dm	F	$\operatorname{Sh}$	$\mathbb{A}$	
Discopodium	Solanace	e Maraaro	L	Scabies	Pa chewing or crushing the leaves and painting the	Dm	F			J00
eremanthum		0			concoction			$\mathbf{Sh}$	$\geq$	32
C			R	Gonorrhea	Crushing and drinking the decoction	O	F	01	•	
Dombeya torrida J.	Stercular iacea	r Daanisa		Snake poison	Pound the root with salt and Drink the concoction	O	F	$\vdash$	$\geqslant$	J00
Dovyalis	Flacortia	Kooshi	R	Evil eye	Pounding the root bark and giving the concoction	Dm	F/D			J00
abyssinica A.		moo	L	Retained placenta	pounding and drinking the decoction	О	F	Sh	L	34
			Wp	1	Crushing stem bark, twigs, flowers, seed and chewing or drinking.	О	F/D	• 1		
Echinops	Asterace	Oamario	cR	Snake repellent	Root of Echinops kerebicho is dried and smoked in house.	N	D			
<i>kerebicho</i> Mesfin,	ae	hoo	R		Root is dried powdered and mixed with water. Half of tea cup is given to human.	О	D			
wiesini.			R R	Febrile Illness Gonorrhea	Dried Root of Echinops kerebicho is fumigated. Root of Echinops kerebicho and bark of Croton macrostachyus are pounded together mixed with honey.	N O	F F/D		>	70035
			R	Evil eye	One cup of tea is taken by human.  Root together with dried root of Silene macroselen, is	Dm	F/D			20
			R	Mich	smoked to the patient. method is the same as Echnops kebericho Mesfin. of evil					
			K	WHEH	eye.	וווע	1			
Ensete	Musacea	warqee	R	Diarrhea	Roasted and eaten with salt	O	D			J00
<i>ventricosum</i> W. Cheesm.	e		R	Gastritis	Crash the root Boil with salt and drink the decoction up on cooling	О	D	Sh	$_{\rm Hg}$	36
			R	Wound	Extract the juveline shoot part and pour or paint it	Dm				
<i>Ehretia</i> <i>cymosa</i> Thon	Boragina ceae	a Ulaagaa	L	Pain waransa	Ehretia cymosa leaf is smashed and the sap is taken by human.	О	F			7
n.								Τ	$\otimes$	5003
Ekebergiaca	Meliacea	a Somboo	Ba	Wound	Bark of Ekebergia capensis is powdered and half a spoon	Dm	D			
pensis	e				is added to wound.				>	J00
Sparm.			Sa	Hemorrhoid.	Sap exudate of Ekebergia capensis is directly applied to hemorrhoid	An	F		<i>&gt;</i>	38
Embeliaschi mperi Vatke	ceae	u		Tapeworm	Seed of Embelia schimperi is dried and powdered, mixed with water, two glasses is taken once.	О	D	Sh	$\geqslant$	J00 39
	Fabacea	eWaleens	sL	Stomachache	Chewed	O	F			
brucei		uu	L	Insect bite	Squeezed and painted	Dm			>	J00
Schweinf.			Ba	Tonsillitis	Chewed in the morning	O	F/D	I	>	40
F l	M	D	L	Toothache	crushed and put on	Ts	F E/D			
Eucalyptus	Myrtace	_		Cough	Boiled with sugar 1 tea cup of syrup is given	0	F/D	,	50	100
globulus	ae	moo	L	Dingetegna	Dried powdered make a s/n and drink	0	F/D	I	$_{\rm Hg}$	J00
Labill.	Martoca	adii	L	Fibril illness	Chewing and drinking sap Added on shoes	O Dm	F		Ц~	41
Eucalyptus species	Myrtace ae	Dargam	L	Foot smell	Added Oil Silves	Dm	I'	Τ	пg	J00 42
Euclea	Ebenace	Mi'eess	R	Gonorrhea	Fresh or dried root is pounded, boiled in water and	O	F/D	Sh	$\otimes$	. =

			(Detai							
S. Name	Family	L. Name	PU	Disease Treate	d Mode preparation with dosage used	RA	СО	На	Ct	Vì
Murr		1 (01110	"	"	Crushed root is boiled and drunk with sugar					43
Euphorbia	Euphorb	iAdaami	iL	Sniff of feces	Squeezed with leaves of Ruta nepalensis and taken	O	F			
abyssinica G.			La	Gonorrhea	Very small amount of milky latex is mixed with red tef	O	F/D			J0
					flour, bake and eaten for 3 consecutive days.			$\vdash$	$\geq$	4
			Ba	Ascaris	Fine powder of pounded bark of C. macrostachyus is mixed	O	F			
					and taken at meal time.					
Ficus sur	Moracea	Harbuu	Sa	Ring worm	Sap from Ficus sur is creamed on affected skin.	Dm	F	ш	≥	J0
Fors	e									4.
Ficus	Moracea	Odaa	Sa	Hepatitis	Sap of Ficus sycomorus is creamed directly on skin.	Dm				
ycomorus L.	e		Ba	Rabies	Bark of F.sycomorus & root of Prunus africana are	O	D		_	JO
			ъ		powdered together & backed with teff flour and eaten.		ъ	Τ	≥	4
			Ba	Hemorrhoid	Bark of Ficus sycomoru is dried powdered and mixed with	An	D			
F	T!	0	т	D:	butter and creamed directly.	D	E			
	Lamiace	Qayya Durbaa	L	Ring worm		Dm	Г	Η	>	JO
ıfricana	ae	Durbaa			part.			1	≽	4
Hagenia	Rosacea	Heexoo	Se	Tape worm	Crushed and drunk with local drink 'tella'	О	D			7
abyssinica	e	Песлоо		Hepatitis B	Root and seed are crushed and drink the concoction or	Ö	F/D			
В.	·		11 50	riepatitis B	decoction	Ü	1,1			
			Se Fl	Gonorrhea	powdering seed and flower chewing or drinking the	O	F/D			
					solution or crushing the leave and swallow the concoction					
			L	Bird (Qilensa)		Dm	F			
			Ba	Ascariasis	Drink the concoction or decoction from the internal stem	O	F			∞
					bark			$\vdash$	$\geq$	10048
			Ba	Hepatitis B	crush and chew or drink solution made the internal bark of	O	F			5
			_		the stem		_			
			L	Common cold	Crush and smoke	N	F			
			Se	Taeniasis	Crushing chewing and drinking the sap	0	D			
			Fl	Headache	Crushing chewing and drinking the sap	0	D			
			L Fl	Evil spirit Amoebiasis	Crush the stem bark and using in the steam baths Crushing and drinking the concoction or decoction	Dm O	r D			
Hypericum	Guttifera	Garamh		Cold	Crushing and boiling leaves and fumigating steam		F	Sh		4
revoltum	e	Garanio	L	Colu	Crushing and bonning leaves and funnigating steam	11	1	SII	≽	001
	Cupressa	Hindhee	eL.	Oilensa(bird)	Taking steam baths by concoction or decoction	Dm	F			3
procera L.	ceae	ssa	R	Diarrhea	Crushing and chewing the part or drinking the concoction	0	F			0
			L	Typhoid	Crushing and chewing the part or drinking the concoction		F	$\vdash$	$\geq$	J0050
			В	Toothache	Powder form mixed with fine powder of Rumex nepalensis		F/D			2
					in the presence of food oil is kept on teeth					
Justicia	Acantha	Dhumu	LR	Rabies	Root and leaf will be pounded together, mixed with water	O	F			J0
schimperiana	ceae	ugaa/Se			and drunk.					5
Hochst.		nsel	L	Rheumatism	Boiled and 1 glass cup will be taken with sugar	O	F			
			R	Tonsillitis	Pound root & through nose	N	F_	Sh	≽	
			R	Gonorrhea	1 &	O	F/D	01		
			T D	E 11 14	brucei pounded & drunk.	_	E/D			
			LR	Evil sprit	Root & leaves cooked & taking steam bath for 3 evening &	:O	F/D			
lasminum	Oleaceae	Dilm	L	Snakebite	washing body 3 mornings don't contact soil until dried Rub fresh leaf on the part/drink the fine powder mixed with	$\circ$	F			J0
rasminum zrandiflorum		Diluu	L	Shakeone	milk, a glass of it.	O	Г			52
zranaijiorum 			L	Tosilitis	Crush leaf mixed with butter & the paste is applied on the	Dm	D	Sh	≽	32
<b>⊿</b> ,			ப	10311113	head	וווע	ט			
Lagenaria	Cucurbit	Buggee	Fu	ringworm	Inner part of fresh fruit of Lagenaria siceraria is creamed on	Dт	F			
iceraria M.		Hadhaa		11115 11 01111	affected head skin.	111	•			J
			Fu	Malaria	The sap from ripe fruit will be mixed with water and drunk	О	F			5
					before breakfast.			CI	$_{\mathrm{Hg}}$	-
			L	Ear disease	Fresh leaf will be squeezed and its juice will be dropped	Au	F	-	П	
					into the ear for 3-days.					
			Se	Evil eye		ON	TZ .			

C M	г и	т.	DII	D: T		ъ.	$\alpha$	T T	0.	17
S. Name	Family	L. Name	PU	Disease Treated	Mode preparation with dosage used	KA	СО	на	Ct	VI
					with honey.					
			L	Snake bite	Fresh leaves are pounded & drunk with small amount of water	О	F			
Lepidium sativum L.	Lepidiu m	Shuunfa a/	Se	Malaria	Smoked with Echnops kebericho Mesfin. and leaves of Croton macrostachyus	N	D			J00
	sativum L.		Se	Diarrhea	Seed powdered with bulb A. sativum and given to cattle and to human with honey	O	D	Н	Hg	54
			Se	Cough	Seed pound with bulb of Al sativum and given to human with honey for 5 days.	О	D			
			Se	Fibril illness	The seeds are inserted into fire and Smoke to the patient.	N	D			
Linum usitatissimu	Lineacea e	Talbaa	Se	Constipation	Seeds are soaked in water over night and the water solution is drunk.	O	D			JO
m L			Se	Dandruff	The hair washed by seeds of Linum ustitatissimum and used as a soap	Dm	D	Н	$_{\rm Hg}$	55
			Se	Lymphatic swelling	Powder seeds and tie on the affected part	Dm	D			
Lippia	Verbena	Sukaaye	eL.	Ringworm	Leaf is directly rubbed on affected skin.	Dm	F			
adoensis	ceae	e	L	Constipation	Pounding & drinking fresh leaves	O	F			J00
Hochst			LR	Dingetegna/Dia rr	Leaves crushed make a solution with water and drink the concoction.	O	F/D	Sh	$\otimes$	56
			L	Stomach pain	Crushing pounding and swallowing the sap	O	F/D			
			R	Internal parasite	eFresh dried root together with the dried bark of Croton macrostachyus is crushed and eaten after breakfast.	О	F			
Lobelia	Lobeliac	Taruura	St	Hemorrhoid	Cutting the stem and paint on the affected part	Dm				
rhynchopetal	eae	a	L	Eye problem	Crushing and applying the sap into eye	Op		Sh	≽	J0
um			R	Dandruff	Crushing powdering and painting the concoction for Forefor (dermatophytes)	Dm	D	<i>O</i> 1		57
Lycopersicon	Solanace			Spider poison	Chewed and put on	Dm				
esculentum	ae	imii	L	Gonorrhea	Crushing and drinking the concoction or decoction	O	F/D	H	≽	J0
Mill.	3.6.1	<b>.</b>	L		Crushing and drinking the decoction	0	F			58
Malva	Malvace	Liitaa	L	Headache	Crushing and tying on head	Dm		_	_	J0
verticillata L.	ae		R L	Dandruff	Dried roots powdered and make paste creamed	Dm Op		Η	≽	59
L. Maesa	Myrsina	A bboxxx		Eye problem Rabies	Squeeze fresh leaves in to the eye Crushed, squeezed and taken	Ор	г F			J00
maesa lanceolata F.		i i	L	Urine of bat		Dm		Н	≽	60
					area				>	
Maytenus	Celastera		L	Sore	Grind the dried leave add butter and paint the powder or	Dm	D			J0
arbutifolia A.	ceae	cha	L Fu	Hepatitis B	crushed part Dried leave or fruit is powdered and eaten or drink the	О	D	Τ	$\geqslant$	61
Moli~	Malia	Miss	т	Moloria	concoction  Squared and 1/4 coffee our is taken	0	Б			10
Melia azedarach L.	Meliacea	INIII	L L	Malaria Abortion	Squeezed and 1/4 coffee cup is taken Squeezed and drunk	O O	F F	_	50	J00
uzeuuruch L.	C		St	Toothache	Young stem is chewed and kept on the teeth.		F		Ξ	02
Musa x	Musacea	Muuzii		wound	Paint/rub/pastethe latex/sap/flesh/juice directly by adding	0	F			J00
paradisiaca			~ •		salt	_	•	Η	$\frac{1}{2}$	63
L.			Sa	Snake bite	Drink by squeezing sap	О	F	. ¬	Н	0.0
 Myrsine	Myrsina	Qacama		Stomachache	Seeds are crushed, mixed with small amount of water	Ō	D			
africana L.	cae				keeping for a day & tea spoon of mixture is eaten Only once.			Sh	×	10064
			L	Tuberculosis	Drink the concoction	O	F	01	,	20
			R	Rabies	Boil and drink the decoction up on cooling	O	F			
Nigella	Ranuncu	Habasu		Earache	Squeeze the seed and put into ear		F/D			
sativa L.	laceae	uda	Fu	Diarrhea	Chewing and swallowing the juice directly seed/fruit	O	D			
		Gurraac		Asthma	Powder and drink the concoction or decoction	O	D	Ξ	<u>6</u>	J0065
		ha	Se	Haemorrhoid	Crushing & painting the concoction on affected part		F/D	1	Ή	200
			Fu	Lung disease	Crushing the seed and swallowing the concoction	O	D			,
			RFu	HepatitisB	Boil and drink the decoction up on cooling	Dm	F/D			

					e S1 — Lists of MPs collected from Aseko District note mode of preparations, dosage, and applications)					
S. Name	Family	L. Name	PU	Disease Treated	d Mode preparation with dosage used	RA	СО	На	Ct	VN
Ocimum basilicum L.	Lamiace ae		L L	Headache Malaria	Leaf will be crushed and sniffed. Leaf of O.basilicum and bulb of Allium sativum will be	N O	F F/D	Н	Hg	J00 66
Olinia ochetiana	Oliniace ae	Gunaa	L St L	Qorra Qora	pounded together and eaten with honey. Crushing leave and stem and taking the steam baths Washing by the concoction or decoction	Dm Dm		Ц	≽	J00
A. Vicotiana tobaccum L.	Solanace	e Tamboo	L L	'Naqarsa' Toothache	Placed on fire and put on the area Placed on fire and put on the tooth	Dm Ts		Н	Hg	J00
Ocimum	Lamiace	Daamak	L	Snake bite Febrile illness	Pounding leaves and tie on the affected part Leaf of O. gratissimum is smashed and sniffed Nasally.	Dm				
gratissimum 2.	ae	asee						$\operatorname{Sh}$	Hg	900C
Ocimum erticifolium	Lamiace ae		L	Febrile illness	Leaf of O. urticifolium, C. macrostachyus and Clausena anista are smashed together and the sap is sniffed Nasally	N	F	Sh	W	00000
₹.			L	Headache	Leaf of O.urticifolium, Carissa spinarum and Thalictrum rhynochcarpum are smashed together and sniffed	N	F 	<b>O</b> 1		20
Denanthe Procumbens V	Apiacea	eBooban qaa	R	Stomach pain	Crushing the roots powdering and drinking the decoction	О	F/D	Н	≽	10071
N Olea Puropaea L.subsp.	Oleaceae	e Ejersa	St SoL	Earache Eczema	Crushing the stem and extracting the oil drop in to ear Painting stem oil or crushing the leaves and painting on the affected part	Au Dm				. 22
•			So So	Qomaxa Hemorrhoid	Paint oil extracted from stem Paint oil extracted from stem	Dm Dm	F	I	I	200
Phragmanlh ca nacrosolen	eLorantha	Digaluu Ceekata		Evil spirit Diarrhea	Crushing the stem, burning and taking steam baths. Leaf of Phragmanlhera macrosolen is pounded and mixed with water. One cup of 'tella' is used as a drink by human.	Dm O	F F	Ep	W	10073
nacrosoten Phytolacca lodecandraI		Handoo dee	R Ba	Poisoning Rabies	Crushed and taken with boiled coffee and butter By powdering dried root mixing 1-tea spoon letting overnight and giving coffee cup ½ for adult ¼ for child and 1-coffee cup for cattle	O	F D			٠
			R	Liver problem	-	О	F/D			
			R	Gonorrhea	Root Phytolacca dodecandra and Croton macrostchys root are powdered and 1-2 cup of coffee is given to human with coffee.	О	F/D	C	$\bowtie$	J0074
			L	Toothache	Put teeth small amount leave tips with that of Carissa spinarum leave tips	Ts	F			
			R	Malaria	Root is grounded mixed with water & drunk in the morning for 3 consecutive days.		F			
Plantago	Plantagi	Qorxib		Scabies Blood clot	Pounded, mixed with leaves of V. amygdalina and washed Crushed and added on the area	Dm	F	H	Нв	J0
anceolata L Plumbago eylanica L	Pumbagi	Merxes	L Ba	Wound Toothache	Crushed and put on Partly dried bark of root together with Melia azadarach are chewed turn by turn and hold on the teeth	Dm Ts		Н		75 J0 76
Podocarpus alcatus Thunb.)		Birbirsa	Ba	Intestinal parasites	Decoction of the fine powder of the bark, grounded garlic and honey are pasted and about two-tea spoon is eaten at bedtime for 3-5 days.	О	F	Т	M	2200
R.B. Rhus	Anacard		L L	Evil spit Snakebite	Pounding leaves damping in water and washing body Chewing a handful of its leaves	Dm O	F F		7	J0
atalensisKr us		essa	т	(venom)		0	T.	Sh	≱	78
Rhamnus prinoides L Ricinus	Rhamna cea Euphorb			Tonsillitis Wound	Chew the leaf and swallow twice a day for 3 days.  The oil is painted	O Dm	F F/D		Hg	79
communis L.	-	1400000	Se	Tonsillitis	Tied on neck	Nk		$\operatorname{Sh}$	$_{\rm Hg}$	3008

~ > 1				-	n the mode of preparations, dosage, and applications)		~~		~	
S. Name	Family	L. Name	PU	Disease Treated	d Mode preparation with dosage used	RA	СО	Ha	Ct	VN
			L Se	swelling Impotency	The leaf is warmed on fire and rubbed on the swelling. Seeds are pounded, mixed with small quantity of latex from Aloe spp. and drunk one coffee cup before bed time for 3 days.	Dm ıO	F D			
Rumex	Polygon	Shhaabl	οL	Blood clot	Squeezed and applied	Dm	F			
nepalensis	aceae	ee	R	Stomachache	Squeezed and drunk 1 soup spoon	O	F			
Spreng.			L	Evil eye	Squeezed with leaves of Ruta chalepensis & drunk1/2 coffee cup	O	F			
			L R	Spider Poison Amoeba case	Leaf is directly rubbed on affected skin. Root of Rumex nepalensis is pounded and two cup of tea is taken with coffee.	Dm O	F F			18
			R	Internal parasit	eChew root &swallow or boil in the water &1 glass solution is drunk only once.	О	D	Н	$\geqslant$	10081
			L	Amoebiasis	Dried leaf is ground, mixed with water & unspecified solution of it is drunk.	О	D			
			L	Ear problem	Fresh leaves heated on fire fluids from leaf are dropped in to the ear & putted in side	Au	F			
			L	Body swelling	Dry/fresh root chewed and put on the swollen part	O	F/D			
Ruta chalepensis L.	Rutaceae		L L	Stomachache Epilepsy	Chewed and eaten or Squeezed and ½ glass cup is taken Squeezed, added to syringe up to 1 cc & added dropby drop on the left ear for 40 days.	O Au	F F		Не	÷
С.			L	Fever	Fresh leaf is pounded together with Zingiber officinale, added to coffee and then a cup of coffee is drunk every	О	F			
			L	Cough	morning for three consecutive days.  Leaf of R. chalepensisis pounded with Cussonia ostiniichiov & eaten with injera	О	F			2
			L	Influenza	Leaf is pounded withbulb of Allium sativum mixed with soup & used as adrink.	О	F	Н		J0082
			L	Stomachache	Fresh leaf with garlic, is pounded, mixed with a glass of milk & drunk.		F			
			L	Headache	Fresh leaf together with Zingiber officinale is pounded, add to coffee and drunk.		F			
			L	Evil eye	Fresh leaves together with leaf of Datura stramonium are rubbed on the body of the patient or wash with the solution of these plants.	Dm	F			
<i>Rubus</i> steudneriSch	Rosacea e	Goraa Baddaa	L	Asthma	Boil and drink the decoction up on cooling	О	F			J00 83
w Schefflera volkensii	Araliace ae	Anshaa	L	(Qilensa) bird	Crush the leaves make a concoction and take steam baths	Dm	F	Т	*	J00 84
Silene	Caryoph	Waggar	tR	Amoebiasis	Chew directly or crash and drink concoction	O	F/D			
macrosolen	yllaceae	ii	R	Headache	Crush and smoke dried root	O	D			
Α.			R	Evil eye	Partly dried root together with Carisa spinarium, Capparis tomentosa, Ruta chalepensis is fumigated in a closed room orBurn and taking steam baths	Dm	F/D		_	85
			R	Digetegna	Pounding and drinking the decoction	О	F/D	Η	*	J0085
			R	Diarrhea	Pounding and drinking	O	F/D			•
			R	HepatitisB	Chewing and swallowing or crushing and making concoction and drinking	0	F/D			
Solanum	Solanace	Ніддіі	R Se	Eye problem Pancreatic	Crushing make concoction, burning & take steam baths Placed on water for one day, filtered and 1 glass cup is	Dm O	D F			
incanum L.	ae	Orome	50	problem	given for 3 days	J	1.			~
		2.51110	Se	Common cold	Filtered with cloth and given	О	F	Sh	$\geq$	J0086
			R	Stomachache	Chewed	O	F	-1	•	$\mathcal{H}$
			Se	Tonsillitis	The seed are squeezed and the sap is taken		F			
Stephania	Menispe	Hidda Kalaala	L	Wound	Leaf of Stephania abyssinica is pounded and a small amount is added to wound.	Dm	F	$\Box$	≽	J00 87

					e S1 — Lists of MPs collected from Aseko District the mode of preparations, dosage, and applications)					
S. Name	Family	L. Name	PU		Mode preparation with dosage used	RA	СО	Ha	Ct	VN
		a	R	Gonorrhea	Crush roots and drink the decoction	O	F			
			R	Warts	Grind, paste the crushed part and tie	Dm				
			L	Gastritis	Boil and drink the decoction up on cooling	O	F			
			R	Syphilis	Drink the concoction by adding Honey	O	D			
			Wp	Common cold	Whole part crushed, boiled in water & smoke inhaled until the patient get sweat	N	F			
Syzygium guineensevai	Myrtace	Zeeytun	Ba	Impotency	Boil and drink the decoction up on cooling with 'Doorway'	O	F	L	Hg	J00 88
Thymus	Lamiace		ıI.	Gara Bokoyso	Crush the leaves and chew or drink the concoction	O	D			J00
schimperi	ae	ee	L	Hypertension	Boil with sugar Drink as herbal tea		F/D	Η	≥	89
semmper			L	Fibril illness	Smoke dried leaves as Cigarate	N	D			0,
Urera	Urticace	Haliilaa			Pounded, mixed with water and given orally.	0	F			J00
hypselodendi o			I		<u>g</u>	_		$\Box$	$\otimes$	90
Urtica	Urticace	Doobbii	i R	Gonorrhea	Leaf is pounded, mixed with water and given.	Dm	F			
simensis Steudel	ae		L	Fever	Dried leaf is powdered & 1 teaspoon of the powder & drunk with tea for 5 days	O	D			16
Steader			L	Gastritis	Eat the cooked the cooked shoots	O	F	Η	≽	10001
			L	Epistaxis	Pound/squeeze/smash the shoots and sniff	N	F			7
			Rh		nEat the plant part (raw/cooked)	O	F			
Verbascum sinaiticum	Scrophu ariaceae	1	L	Diarrhea	Leaf is powdered and 1 spoon with cup of water given as pain is seen	О	F/D			J00 92
Benth.	uriuccuc		L	Tuberculosis	Boil shoots and drink the decoction up on cooling with honey	О	D	Н	$\geqslant$	,,
			L	Hemorrhoids	Grind and paint the powder or crushed part on the affected	An	F			
Vomenia	Asterace	Thicks	т	Mouth some	part	0	E			
Vernonia		Ebicha	L	Mouth sore	Squeezed and mouth is rinsed Squeezed and drunk 1 coffee cup	O O	F F			
amygdalina	ae		L	Heart problem Poisoning	Squeezed and drunk 1 coffee cup	0	F			
			L	Gastritis	Chewed and the sap is swallowed	0	F			
			L	Malaria	Squeezed and drunk 1 glass cup	Ö	F			
			La	Dandruff	The stem latex is painted on head	Dm				
			L	Cough	Squeezed and drunk 1/2 coffee cup	O	F	7	_	93
			L	Tooth infection	To treat tooth infection leaves V.amygdalina are chewed with bulb of A. sativum	O	F	Sh	≽	50003
			Tw	Intestinal parasites	Pound twings & bullb of A.sativum with rhizome of <i>G</i> officinale& eaten with honey.	O	F			
			Tw	Evil sprit	Root, twinge & leaves pound and fumigating & washing	N	F			
			L	'qilleensa'	body Boiling and washing body for 3 consecutive days	D	F			
Withania	Solanace			Evil eye	Squeezed with leaves of R. chalepensis & drunk 1soup	0	F			
somnifera L.		Gizawa	L	Lvii cyc	spoon	O	1			#
sommyer ar 2.		O I L II W II	L	Insect allergy	Crushed and tied by cloth in the area	Dm	F	$\mathbf{Sh}$	≽	10094
			R	Fibril illness	Dried root inhaled nasally	N	D	<b>J</b> 1	-	20
			R	Cough	Boiling with sugar and drinking as herbal tea	O	D			
Vicia faba L.	Fabacea	e	Se	Tape worm	Seeds are soaked in water overnight and eaten for 3days	О	F	Н	Hg	J00 95
Zingiber	Zingiber	Janjabii	lRh	Gastritis	Chew with salt and swallow the sap	O	F/D	<u> </u>		. •
officinale R.	_	a	Rh	Common cold	Boil with garlic and drink decoction up on cooling	O	F/D			
			Rh	Malaria	Make a solution with garlic and Drink the concoction	O	F/D	F	Hg	96001
			Rh	Diabetes mellitus	Boil with sugar and Drink as herbal tea	O	F/D	Дij.	Н	70C
			Rh	Abdominal pair	Chew and swallow the sap	O	F/D			

Key: N- number, S. Name-scientific name, L. name-local name. Parts used (PU) (Bark, Ba; Latex, La; Root, R; Leaf, L; Fruit, Fu.; Flower, F.; Seed, Se.; Stem, S.; Bulb, Bu.; Rhizome, Rh; Twigs, Tw; Stem, St, Stem oil, So, Whole plant, Wp.). RA-Root of application (O-Oral, N-Nasal, Op-Optical, Dm-Dermal, An- Anal, Ts-Teeth Surface Au-Ear, CO-Condition used (F-Fresh, D-Dried F/D-Fresh or Dried. Ha- Habit (H-herb, T-Tree, Sh- Shrub, Cl- climber, Ep-Epiphyte). Ct- collected from (W-wild, Hg-Home garden). VN— Voucher number