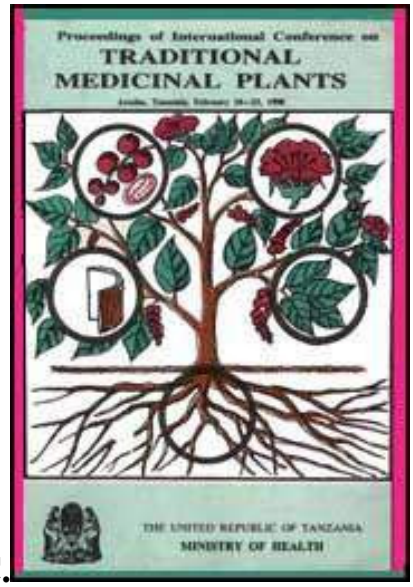
, C. 

Traditional Medicinal Plants
(Dar Es Salaam University Press - Ministry of Health - Tanzania, 1991, 391 p.)

A Survey of medicinal plants in Tabora region, Tanzania

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ABSTRACT

A Survey of medicinal plants was conducted in Tabora Region between December, 1970 and July, 1989. 27 traditional healers from 30 villages in 25 village wards (i.e. about 15% of the Region) were interviewed. Also plants in the field and at the Lushoto herbarium were indentified. A total of 127 plant species belonging to 45 families and 05 genera were identified as medicinal plants used for the treatment of some 66 different human diseases in the region. The family Leguminosae was found to be leading by having 33 different medicinal plant species from 20 genera followed by Euphorbiaceae which had 9 species from 7 genera. Antidotes for snake bites were leading with 32 plant species, followed by stomach-ache and coughs, which had 21 and 14 medicinal plant species, respectively.

Introduction

Traditional medicine in Tanzania, like in other developing countries where medical facilities cannot satisfy national demands, plays a big role in combating both human and animal diseases. It is estimated that about 80% of the people who live in

rural areas rely on traditional healers for their treatment using medicinal herbs. However, these medicinal plants have not been well studied, tested or documented. Most of the information is still in the hands of traditional healers (FAO 1986). Due to the current threat brought by diseases like malaria, cancer, hypertension, AIDS and others, it is now high time we carried an international combined effort from both scientists and traditional healers to do some more research on medicinal plants which might give us some positive results. Some of the information which is now available about medicinal plants in Tanzania includes the work of Watt and Breyer -Brandwijk (1962), in a book on *Medicinal and Poisonous Plants of Southern and Eastern Africa; Medicinal Plants of East Africa* by Kokwaro (1976); and that of Raimo Harjula (1988) who made some ethnomedicinal studies in Meru, Arusha. The Traditional Medicine Research Unit at the Muhimbili Medical Centre in Dar es Salaam is responsible for this work and is currently undertaking some research on traditional medicine. The Tanzania Forestry Research Institute at Lushoto has been conducting some botanical surveys in Dodoma, Singida and East Usambara. Part of this information has been published by FAO (1986). (Some will won be published by Ruffo *et al.* This paper reports about a survey of medicinal plants which was done in Tabora Region, Tanzania.

Tabora Region has a total area of 7,615km^2, and receives an average annual rainfall of 700-800 mm (ICRAF 1988). The main tribe in the region is the Nyamwesi, who live mainly as peasant farmers. According to the 1988 Census, the population in the region was estimated at 1,036,293 people, with an average annual growth of 2.4%. The vegetation of Tabora region is mainly *Miyombo* or *Brachystegia* woodland dominated by *Brachystegia spiciformis, Julbernardia globiflora* and*pterocarpus angolensis* (Polhill, 1968).

Methodology

A survey of medicinal plants in the Tabora Region of Western Tanzania floristic Region T4, was conducted by the now Tanzania Forestry Research Institute under the Ministry of Lands, Natural Resources and Tourism between December, 1970 and July, 1989 by interviewing 27 traditional healers from 30 villages in 25 village wards, covering about 15% of the Region. Figure 1 shows a map of Tabora region where medicinal plants were surveyed and Appendix 1 gives a list of villages and traditional healers who were interviewed during the survey. These medicinal plants were identified in the field, except for taxonomically difficult plants which had to be collected and pressed for further identification at Lushoto Herbarium. The data for each medicinal plant, including the name of a plant, disease treated, plant part used, method of preparation and dosage, was recorded (Appendix 2). These data were then summarised.

Results

A total of 127 plant species belonging to 45 families and 95 genera, were identified as medicinal plants used for the treatment of 66 different human diseases in the Tabora region. The family Leguminosae was found to be leading by having 33 different medicinal plant species from 20 genera, followed by the Euphorbiaceae, which had 9 species from 7 genera. For the body problems, snake bites were leading with 32 medicinal species, followed by stomach-ache and coughs, which had 21 and 14 medicinal plants, respectively (Table 1 & 2).

Conclusions and recommendations

From the above results obtained from Tabora Region, it can be concluded that Tanzania has a big potential on medicinal plants, especially after comparing with the total of 127 medicinal plants for 66 human diseases from 15% of Tabora region (i.e., 25 village wards out of 166 wards of the 1988 census) and when this is compared with 44.4 million ha. of Tanzania natural forests, containing some 10,000 species of higher plants which also carry a very high degree of species diversity and endemism in the world (Lovett 1988, Lundgren, 1975 and Polhill, 1968).

It was also noted that some of these medicinal plants such as *Annona senegalensis, Flacourtia indica* and *Friesodielsia abovata* had multipurpose uses, including edible fruits and fuelwood.

It is therefore recommended that:

(a) Further studies be carried out in other areas of Tabora as well as in other regions of Tanzania to establish a sound basis for further research on medicinal plants.

(b) These medicinal plants be collected, screened and tested for their active principles on the diseases for which they are used.

(c) Medicinal plants which prove to be really curative be developed and incorporated with modern medicinal practice.

(d) Silvicultural studies be carried out on medicinal plants in order to facilitate their establishment in villages and botanical gardens.

(e) Traditional healers be encouraged to incorporate their knowledge of medicinal plants with modern medicinal practice.

(f) Medicinal plants of Tanzania be documented in a journal, such as, Journal of Tanzania Traditional Medicine, etc.

(g) An international cooperation for exchange of knowledge and seed samples of medicinal plants be established.

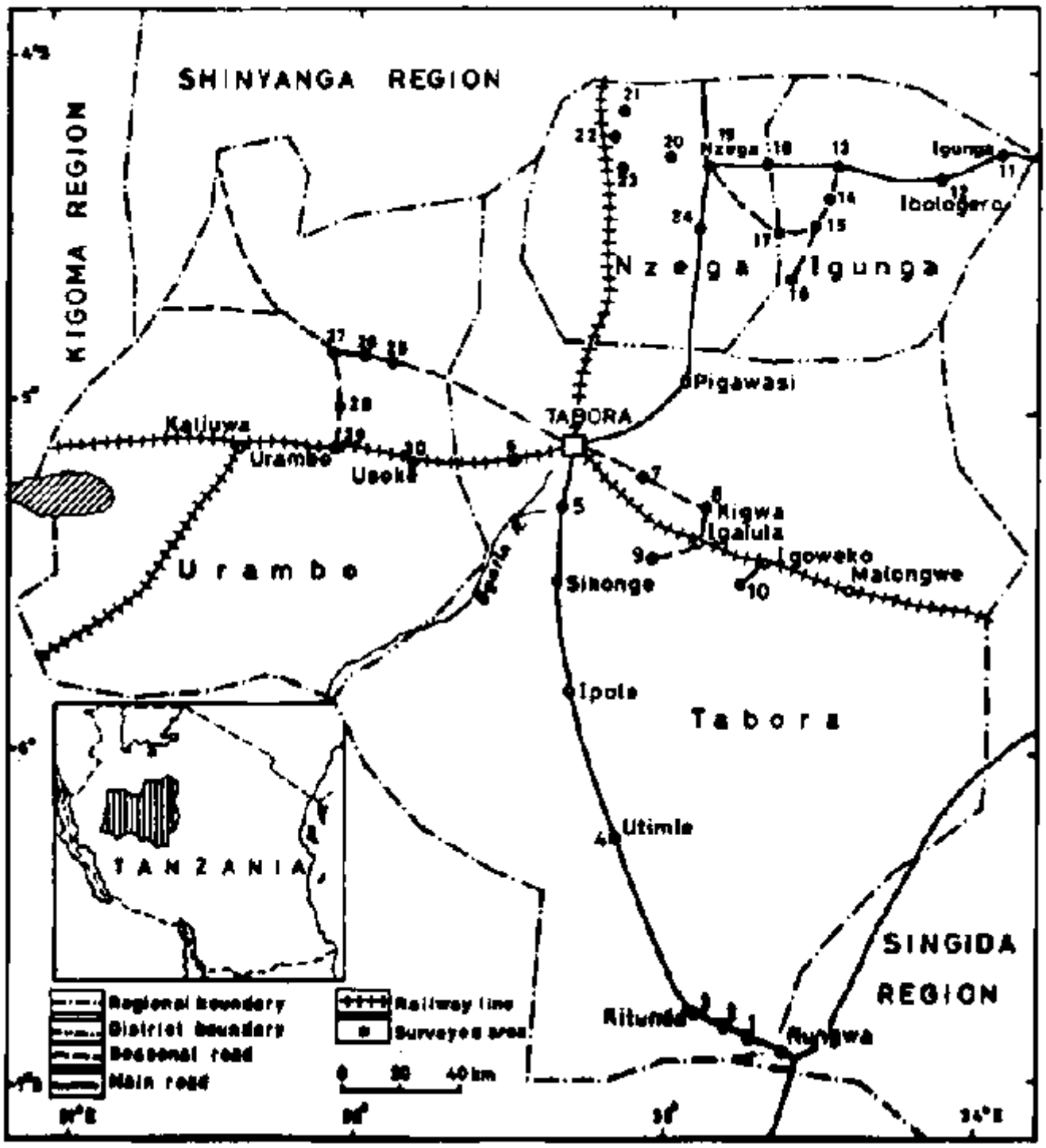

Fig. 1. Map of Tabora Region showing areas where medicinal plants were surveyed

Acknowledgement

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Table 1: Alphabetical list of medicinal plants from Tabora region with their vernacular (Nyamwezi) names, part(s) used and diseases treated

Botanical name	Vernacular name	Part used	Diseases treated
Anacardiaceae			
Lannea schimperi	*Mugumbu*	Bark & root	Mental disorders and snake bites
Ozoroa reticulata	*Mukalakala*	Bark	Body swellings, coughs, diarrhoea, gonorrhoea, malaria, epilepsy, prolapse of rectum and stomachache
Annonaceae			
Annona senegalensis	*Mutopetope Mufila Mukonola*	Roots	Snake bites and Stomachache
Friesodielsia obovata.	*Musalasi*	Roots	Anaemia, infertility snake bites
Apocynaceae			
Condylocarpon diplorhynchus Holarrhena pubescens	*Musonga Musongati Musongalukuga*	Bark & leaves Roots	Galactogogue, wounds and sores Gonorrhoea, bilharzia and stomachache
Strophanthus eminii	*Musungululu Muvelevele*	Bark & roots	Asthma, syphilis, Constipation, measles small pox, scabies, epilepsy, spleen and heart diseases
Araceae			
Pistia stratiotes	*Ileve, Maleve*	Roots	Fire burns
Asclepiadaceae			
Calotropis procera	*Mpumbula*	Roots	Boils, hydrocele, stomach and tooth ache
Gymnema sylvestre	*Luhaga*	Roots	Aphrodisiac
Aristolachiaceae			
Aristolachia -	*Kilikamo*	Roots	Convulsions, petersiana poisoning, stomachache, snake bites
Bignoniaceae			
Kigelia africana	*Mudungwa, Mulegeya, Mwicha, Msanhwa*	Bark, roots	Convulsions
Boraginaceae			
Trichodesma zeylanicum	*Igungulu*	Roots	Coughs, poisoning and stomachache

Burseraceae			
Commiphora africana	*Musagasi, Mupondamu, Mutonto*	Bark	Snake bites and traucoma
Capparidaceae			
Boscia salicifolia	*Muguluka*	Bark, Roots	Headache, rheumatism, scabies and toothache
Gynandropsis gynandra	*Mugagani*	Leaves	Colds, coughs, earache and eye-diseases
Celastraceae			
Maytenus-galensis	*Mwezya*	Roots	Snake bites, infertility and stomachache
Combretaceae			
Combretum cillinum	*Mulandala*	Roots leaves	Snake bites
C. fragrans	*Muluzyaminzi*	Roots, leaves	Malaria, wounds and traucoma
C. longispicatum	*Vugoveko*	Roots	Malaria and snakebites
C. molle	*Mulama*	Leaves	Earache and wounds
C. obovatum	*Vugoveko*	Roots	Gonorrhoea
C. zeyheri	*Musana*	Roots, leaves	Coughs, diarrhoea, rectal prolapse, Snake bites and stomachache
Terminalia mollis *T. sericea*	*Mudisi, Mukelenge* *Mupululu, Muzima*	Bark, roots Leaves	Bilharzia Coughs, measles, rectal prolapse, and stomachache
Compositae			
Bidens pilosa	*Ndasa*	Leaves	Wounds and relapsing fevers in children
Vernonia glabra	*Kilulankunja, Mukalinkali*	Roots	Malaria, gonorrhoea, syphilis and measles
Cyperaceae			
Cyperus articulatus	*Vulago, Vuseli*	Roots	Intestinal worms
Ebenaceae			
Diosypros fischeri	*Mufuvata*	Roots, leaves	Snake bites
Euphorbiaceae			
Antidesma venosum	*Musekela*	Roots, leaves	Snake bites and poisoning
Bridelia duvigneaudi	*Muvuzivuzi*	Roots	Intestinal worms
Euphorbia candelabrum	*Mulangali*	Twigs	Constipation
E. grantii	*Mudulansongo*	Roots	Constipation, epilepsy and snake bites
E. hirta	*Vakikulu*	Leaves	Menstrual disorders, ringworm and snake bites

Jatropha curcas	*Inyanga*	Seed	Intestinal worms
Hymenocardia acida	*Mupala*	Leaves	Coughs, rectal prolapse and stomachache
Oldfieldia dactylophylla	*Muliwanfwengi*	Roots	Aphrodisiac, gonorrhoea and hernia
Phyllanthus engleri	*Mugogondi, Mung'ong'o Ntandala*	Roots leaves	Coughs and bilharzia
P. reticulatus	*Muvinzandimi*	Roots, leaves	Snake bites
Flacourtiaceae			
Flacourtia indica	*Mupugusura, Musingila Musungu*	Roots	Coughs, snake bites, Infertility and stomachache
Graminae			
Pennisetum purpureum	*Ibingobingo, Isumbu, Vupemba*	Stem Stem	Measles Infertility
Labiatae			
Ocimum suave	*Ilumbasya, Ilumba*	Twigs	Colds, fever, Dementia
Leguminosae			
Abrus precatorius	*Muchichi, Mshiti*	Roots	Aphrodisiac, scabies, smallpox, anaemia, eye and spleen diseases
A. schimperi	*Vugagati*	Roots	Hypertension and postpartum stomach pains
Acacia drepanolobium	*Vuvula*	Roots	Abscess and bilharzia
A. hockii	*Munyenyela*	Roots	Abscess
A. mellifera	*Mugongwa, Ilugala*	Roots	Impotence
A. nilotica	*Mugulunga, Mudubilo*	Roots	Anaemia, asthma
A. senegal	*Katita, Mgwata*	Roots	Abscess
Albizia harveyi	*Mupogolo*	Leaves	Chest pains, wounds and stomachache
A. petersiana	*Musisigulu*	Roots	Hernia, and lung
Brachystegia spiciformis	*Mutundu*	Bark	Coughs and snake bite
Burkea africana	*Muganda, Mukalati*	Bark	Headache
Cajanus cajan	*Mubalazi, Mutengwa.*	Roots	Aphrodisiac
Cassia abbreviata	*Mumulimuli,*	Roots	Hernia, intestinal worms, gonorrhoea, syphilis
	Mulundalunda,		Snake bites, stomachache, bilharzia, sores, malaria,
	Muzoka		postpartum stomach pains and poisoning
C. obtusifolia	*Muzegezega*	Roots	Hernia, yellow fever, dementia and convulsions
C. singueana	*Mudimwambuli, Musambisambi*	Roots Leaves	Convulsions, coughs, intestinal worms, malaria,

			epilepsy and yellow fever
Dalbergia melanoxylon	*Mugombe*	Roots, Leaves	Convulsions, menstrual disorders, snake bites, traucoma and toothache
D. nitida	*Kafinulambasa*	Roots	Toothache
Dichrostachys cinerea	*Mutunduli*	Leaves	Boils, coughs, wounds, galactogogue, snake bites, menstrual disorders and stomachache
Entanda abyssinica	*Mufutwambula*	Roots	Gonorrhoea, anaemia and hypertension
Isoberlinia angolensis	*Muva*	Bark	Coughs, wounds and snake bites
Lonchocarpus capassa	*Muvule*	Roots, leaves	Snake bites
L. bussei	*Muvule*	Roots	Allergy
Oormocarpum trachycarpum	*Mukondwapuli Muvulwambuli*	Leaves	Snake bites and pneumonia
Pericopsis angolensis	*Muvunga*	Leaves	Coughs, fire burns, sores and snake bites
Piliostigma thonningii	*Mutindambogo*	Bark	Snake bites
Pterocarpus angolensis	*Muninga*	Bark	Diarrhoea and wounds
P. tinctorius	*Mukulungu*	Bark	Eye problems
Swartzia madagascariensis	*Kasanda*	Roots	Malaria and yellow fever
Tamarindus indica	*Musisi*	Leaves	Malaria, wounds, mental disorders and stomachache
Xeroderris stuhlmannii	*Munyenye*, *Mjungu*	Bark	Mastitis and backache
Liliaceae			
Aloe sp.	*Itembwe, Lugaka*	Leaves	Aphrodisiac, heart pains, impotence, spleen and kidney diseases
Asparagus falcatus	*Kasolanhanga, Sawi*	Roots	Aphrodisiac, hernia and gonorrhoea
Loganiaceae			
Strychnos innovia	*Mukulwa, Mumundu*	Roots	Aphrodisiac
S. potatorum	*Mugwegwe, Mupandepande*	Roots, Leaves	Coughs, malaria and gonorrhoea
S. spinosa	*Mwage*	Roots	Intestinal worms, gonorrhoea and syphilis
Meliaceae			
Ekabergia benguelensis	*Mutuzya*	Roots	Mental disorders
Turraea sp.	*Mulingiwe*	Roots	Convulsions

Menispermaceae			
Cissampelos pareira	*Mukuluwanti*	Roots	Snake bites, poisoning and stomachache
Moraceae			
Ficus natalensis	*Mulumba*	Bark, twigs	Whooping cough
F. sycomorus	*Mukuyu*	Bark, twigs	Diarrhoea
Musaceae			
Musa sapientum	*Idoke*	Flowers	Asthma
Myrtaceae			
Psidium guajava	*Mupera*	Leaves	Diarrhoea, malaria and wounds
Ochnaceae			
Ochna schweinfurthii	*Kavulwampako Kawantundwe Kupande*	Roots	Poisoning and snake bites
Olacaceae			
Ximenia americana	*Munembwa, Mutandwa*	Roots	Anaemia, hernia, intestinal worms mental disorders
X. caffra	*Munembwa, Mutandwa*	Roots	Anaemia, hernia, intestinal worms and mental disorders
Oleaceae			
Schrebera trichoclada	*Muputika*	Bark, leaves	Coughs, snake bites, traucoma, stomachache and eye diseases
Orchidaceae			
Anselia africana	*Inyazya*	Stems	Rheumatism, snake bites and body swelling
Pedaliaceae			
Sesamum angolense	*Mulenda-gwawima Ilendi-lya-wima*	Roots leaves	Measles and poisoning
Polygalaceae			
Longipenduculata securidaca	*Muteyu*	Roots	Constipation, hernia, infertility, toothache and stomachache
Rhamnaceae			
Ziziphus mucronata	*Kagovole, Lugugunu*	Roots	Snake bites and stomachache
Rubiaceae			
Catunaregan spinosa ssp. taylorii.	*Mochangoko, Mupongolo*	Roots	Cunvulsions, hernia, hypertension and intestinal worms
Fadogia cienkowskii	*Kambolambola*	Roots	Infertility
Crossopterix febrifuga	*Musaswambeke*	Bark	Diarrhoea and convulsions

Gardenia ternifolia ssp. jovi stonantis	*Kilindila Mugunda*	Roots	Coughs, snake bites
Hymenodutylon parvifolium	*Muginya, Mujunguluji Mpepesavakia Muvinzwansanzu*	Roots	Intestinal worms, snake bites and menstrual disorders
Multidentia evassa varapula	*Mukukumba, Muyogayo*	Roots	Earache
Rothmania engleriana	*Mkondokondo Mutwinya*	Roots	Snake bites and stomachache
Rutaceae			
Citrus aurantifolia	*Mudimu*	Leaves	Asthma
Verpis glomerata	*Mulungusigiti*	Roots	Body swelling, constipation and infertility
Zathoxylum chalybeum	*Mudali, Mulungulungu*	Roots	Malaria and body swellings
Sapindaceae			
Zanha africana	*Mukalya*	Roots	Colds, convulsions stomachache
Sapotaceae			
Chysophyllum bangweolense	*Museveye*	Roots	Diarrhoea
Manilkara mochisia	*Mukonze*	Bark	Mastitis
Solanaceae			
Physalis peruviana	*Sinkini*	Roots	Intestinal worms
Solanum gilo	*Mutole*	Roots	Hernia
S. incarnum	*Mudulanu, Mutulantu*	Roots	Constipation, hernia, wounds, tonsillitis and intestinal worms
Sterculiaceae			
Sterculia africana	*Muhozya, Muhoja*	Bark	Snake bites and mental disorders
Waltheria indica	*Ikumbo-lyaza, ikandagizi*	Roots	Coughs, poisoning and snake bites
Filiaceae			
Grewia bicolor	*Mukoma*	Roots	Anaemia and fertility
Umbelliferae			
Steganotaenia araliaceae	*Munyongampembe Mbyotolo*	Roots Leaves	Snake bites
Verbenaceae			
Clerodendrum capitatum	*Kapolo*	Roots	Constipation in children
C. myricoides	*Mnindi, Mpugambu*	Leaves	Dementia
Premna senensis	*Mununhwanhala*	Roots	Aphrodisiac
Vitex mombassae	*Mutalali, Masumgwi*	Roots	Diabetes
Vitaceae			
Cissus carnifolia	*Mutandamwaka*	Roots	Hernia and bilharzia

C. quadrangularis	*Vula-wo-nsuwi*	Roots	Rectal prolapse
Cissus sp.	*Lonzwe*	Roots	Hernia and hypertension

Table 2: A list of diseases and their respective medicinal plants from Tabora region.

Disease	**Medicinal Plant**
Abscess	*Acacia drepanolobium, A. hockii, A. sieberiana*
Acute coughs	*Pericopsis angolensis, Schrebera trichoclada Aloe sp., Asparagus*
Aphrodisiac	*falcatus, Abrus precatorius, Cajanus cajan, Gymnema sylvestre, Indigofera rhinchocarpa, Oldifieldia dactylophylla, Premna senensis, Strychnos innocua*
Allergy	*Lonchocarpus bussei, Vepris glomerata*
Anaemia	*Abrus precatorius, Acacia nilotica, Entada abyssinica, Friesodielsia obovata, Grewia bicolor, Ximenia americana, X. caffra*
Ankylostomiasis	*Bridelia duvigneaudii, Cassia singueana, Physalis peruviana, Ximenia americana, X. caffra*
Asthma	*Acacia nilotica. Citrus aurantifolia, Musa sapientum, Strophanthus eminii*
Backache	*Xeroderris stuhlmanii*
Body swellings	*Anselia africana, Ozoroa reticulata, Vepris glomerata, Zanthoxylum chalybeum*
Boils	*Calotropis procera, Dichrostachys cinerea*
Chest pain	*Albizia harveyi*
Colds	*Gardenia ternifolia ssp. jovis-tonantis, Gynandropsis gynandra, Ocimum suave, Zanha africana*
Constipation	*Clerodendrum capitatum, Jatropha curcas, Euphorbia candelabrum, E. grantii, Securidaca longependunculata, Solanum incanum, Strophanthus eminii, Vepris glomerata*
Convulsions	*Aristolochia petersiana, Caturanegam spinosa, Cassia obtusifolia, C. singueana, Crossopterix febrifuga, Dalbergia melanoxylon, Gardenia ternifolia ssp. jovis-tonantis, Kigelia africana.*
Coughs	*Brachystegia spiciformis, Cassia singueana, Combretum zeyheri, Flacourtia indica, Gynandropsis gynandra, Hymenocardia acida, Dichrostachys cinerea, Julbernardia globiflora, Ozoroa reticulata, Phyllanthus englerii, Schrebera trichoclada, Strychnos potatorum, Terminalia sericea, Waltheria indica.*
Dementia	*Cassia obtusifolia, Clerodendrum myricoides, Ocimum suave.*
Diabetes	*Vintex mombassae*

Diarrhoea	*Combretum zeyheri, Chrysophyllum bangweolense, Crossopterix febrifuga, Ficus sycomorus, Ozoroa reticulata, Psidium guajava.*
Earache	*Cannabis saliva, Combretum molle, Gynandropsis gynandra, Multidentia crassa.*
Epilepsy	*Cassia singueana, Euphorbia granii, Ozoroa reticulata, Strophanthus eminii.*
Eye disease	*Abrus precatorius, Gynandropsis gynandra, Pterocarpus angolensis, P. tinctorius, Schrebera trichoclada.*
Fire burns	*Pistia stratiotes, Pericopsia angolensis*
Fever	*Ocimum suave.*
Gonorrhoea	*Asparagus falcatus, Cassia abbreviata, Combretum obovatum, Holarrhena febrifuga, Entada abyssinica, Oldifieldia dactylophylla, Ozoroa reticulata, Strychnos potatorum, Vernonia glabra.*
Headache	*Boscia salicifolia, Burkea africana*
Head sores	*Cassia abbreviata*
Heart pain	*Aloe sp, Strophanthus eminii*
Hernia	*Albizia petersiana, Cassia abbreviata, C. obtusifolia, Asparagus falcatus, Caturanegam spinosa ssp. taylorii, Cissua cornifolia, C. sp., Oldifieldia dactylophylla, Securidaca longepedunculata, Solanum incanum, S. gilo, Ximenia americana, X. caffra.*
Hydrocele	*Albizia petersiana, Cassia abbreviata, Lotropis procera.*
Hypertension	*Alrus schimperi ssp. africanus, Caturanegam spinosa up. taylorii, Cissus sp., Entada abyssinica*
Impotence	*Acacia mellifera, A. Senegal, Aloe sp., Indigofera rhinchocarpa.*
Infertility	*Grewia bicolor, Securidaca longependunculata, Sorghum vulgare.*
Intestinal worms	*Aloe sp., Acacia nilotica, Caturanegam spinosa ssp. taylorii, Cassia abbreviata, Cyprus articulatus, Ficus natalensis, Jatropha curcas, Solanum incanum.*
"Kalimi" (Tonsillitis)	*Acacia nilotica, Ficus natalensia, Trichodesma zeylanicum, Solanum incanum.*
Kidney disease	*Aloe sp.*
Lactation problem	*Dichrostachys cinerea, Diplorhynchus condylocarpon*
Leprosy	*Terminalia stuhlmannii*
Lung disease	*Albizia petersiana*
Madness	*Ekebergia benguellensis, Isoberlinia angolensis, Lannea schemperi, Sterculia africana, Tamarindus indica, Ximenia americana, X. caffra.*
Malaria	*Cassia abbreviata, C. singueana, Combretum fragrans, C. longispicatum, Dalbergia melanoxylon, Ozoroa reticulata, Psidium guajava, Strychnos potatorum, Swartzia madagascariensis, Vernonia glabra, Zanthoxylum chalybeum.*
Mastitis	*Manilkara mochisia, Xiroderris stuhlmannii*
Measles	*Pennisetum purpureum, Sesamum angolensis, Strophanthus eminii, Terminalia sericea, Vemonia glabra.*

Menstrual problems	*Dalbergia melanoxylon, Dichrostachys cinerea, Euphorbia hirta, Fadogia cienkowskii, Hymenocardia acida.*
Pneumonia	*Ormocarpum trachycarpum*
Periodic fevers	*Bidens pilosa*
Poisoning	*Aristolochia petersiana, Antidesma venosum, Cassia abbreviata, Cissampelos pereira, Ochna schweinfurthii, Sesamum angolense, Trichodesma zeylanicum, Waltheria indica.*
Post-partum stomach pains	*Abrua schimperi, Cassia abbreviata.*
Prolapse of rectum	*Cissus quardrangularis, Combretum zeyheri, Ozoroa reticulata, Terminalia sericea.*
Restlessness	*Ekebergia benguellensis, Isoberlinia angolensia*
Rheumatism	*Anselia africana, Boscia salicifolia, Vepris glomerata, Zanthoxylum chalybeum.*
Ringworm	*Euphorbia hirta*
Scabies	*Abrus precatorius, Boscia salicifolia, Strophanthus eminii, Terminalia sericea.*
Schistosomiasis	*Acacia drepanolobum, Cassia abbreviata, Cissus connifolia, Holarrhena pubescens, Phyllanthus engleri, Terminalia mollis.*
Small pox	*Abrus precatorius, Strophanthis eminii.*
Snake bites	*Annona senegalensis, Anselia africana, Aristolochia petersiana, Antidesma venosum, Brachystegia spiciformis, Cassia abbreviata, Cissampelos pereira, Cissus cornifolia, Combretum collinum, C. longispicatum, C. zeyheri, Commiphora africana, Diospyros fischeri, Euphorbia grantii, E. hirta, Friesodielsia obovata. Gardenia ternifolia ssp. jovis-tonantis, Hymenodictyon parvifolium, Julbernardia globiflora, Lannea schimperi, Lonchocarpus capassa, Ochna schweinfurthii, Pericopsis angolensis, Piliostigna thonningii, Maytenus senegalensis, Ormocarpum trachycarpum, Rothmannia engleriana, Steganotaenia araliaceae, Securidaca longepedunculata, Schrebera trichoclada, Strophanthus eminii, Sterculia africana, Strychnos popatorum, Waltheria indica.*
Sores	*Diplorhynchus condylocarpa, Pericopsis angolensis*
Spleen disease	*Abrus precatorius, Aloe sp., Strophanthus eminii.*
Sterility	*Fadogia ceinkowskii, Flacourtia indica, Friesodielsia obovata, Maytenus senegalensis, Sorghum vulgare, Vepris glomerata.*
Stomachache	*Annona senegalensis, Aristolochia petersiana, Calotropis procera, Albizia harveyi, Combretum zeyheri, Cissampelos pereira, Crossopterix febrifuga, Dichrostachys cinerea, Flacourtia indica, Hymenodictylon parvifolium, Maytenus senegalensis, Ozoroa reticulata, Rothomannia engleriana, Securidaca Longepedunculata, Schrebera trichoclada, Strychnos potatorum, Tamarindus indica, Terminalia serica, Trichodesma zeylanicum, Zanka africana, Ziziphus mucronata.*
Syphilis	*Asparagus falcatus, Cassia abbreviata, Strophanthus eminii, Strychnos spinosa, Vernonia glabra.*
Tonsillitis	*Sesamum angolense, Schrebera trichoclada, Solanum incanum.*

Toothache	*Boscia salicifolia, Calotropia procera, Dalbergia melanoxylon, D. nitidula, Securidaca longepedunculata.*
Trachoma	*Commiphora africana, Combretum fragrans, Dalbergia melanoxylon, Schrebera trichoclada.*
Whooping cough	*Ficus natalensis*
Wounds	*Albizia harveyi, Bidens pilosa, Combretum fragrans, C. molle, Diplorrhynchus condylocarpon, Dichrostachys cinerea, Julbernardia globiflora, Pericopsis angolensis, Pterocarpus angolensis, Psidium guajava, Solanum incanum, Tamarindus indica.*
Yellow fever	*Cassia obtusifolia, C. singusana, Swartzia madagascariensis.*