

Plant names from North Zanzibar

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The wordlist below is the result of field work on plant names in the Swahili speaking coastal areas and islands of Tanzania in the early nineties. In those years a large corpus of material on Swahili names for mainly wild plants as well as on plant uses was collected and subsequently published in the book *Swahili plants* (Heine & Legère 1995).¹ For various reasons the research findings which emanate from North Zanzibar have not been included in the aforesaid book. Thus, the publication of data on plants from that area is indeed overdue.

The wordlist is arranged in two sections. On the one hand, appendix A contains an alphabetical inventory of plant names used in northern parts of Zanzibar (mainly in the Kidoti² area, some also from Tumbatu island³). These names are complemented by their botanical equivalents which include genus, species, author(s) as well as the family placement. On the other hand, appendix B presents an alphabetical genera/species inventory and the names recorded in the two places. The early 1990 identification of the plant specimens was made by Mr. Frank MBAGO from the Herbarium (Department of Botany, University of Dar Es Salaam) in Dar Es Salaam. Almost all botanical entries were thoroughly revised recently. The majority of data was checked on the internet where in particular the Missouri Botanical Garden's VAST (VAScular Tropicos)

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² Kidoti is at the following coordinates: Lat (DMS)5° 47' 60S Long (DMS)39° 17' 60E, according to <www.calle.com/world/tanzania/Ki.html>. (For the representation of Kidoti on the map see the same website.)

³ Tumbatu is at the following coordinates: Lat (DMS)5° 49' 0S Long (DMS)39° 13' 0E according to <www.calle.com/world/tanzania/Tu.html>. (For Tumbatu on the map see the same website.)

nomenclatural database⁴ was of particular value for its comprehensiveness and the wealth of information about the plants listed therein. Of course, this information might be in particular relevant for the botanist and less attractive to linguists who are probably more interested in language data than to know about plants and their morphology. However, given the reciprocal criticism (botanists versus linguists) who blame each other for misinterpretation or inappropriately recording plant names or botanical terms,⁵ it was of prime importance to present the botanical data as reliable as possible and in as much quality a linguist could produce by making use of internet facilities.

The northern part of Zanzibar and here in particular Tumbatu island in the west are home to the Tumbatu dialect of Swahili (TD).⁶ This Swahili variety holds a strong position among mainly rural people, although most of them are competent in the Zanzibar standard variety of Swahili too (which is frequently referred to as “Kimji”, i. e. urban language). The prevalent linguistic situation found in North Zanzibar is also reflected in the names of plants which were collected in the area in 1991 and 1992. In those days the main resource person in Kidoti was Ali Makame Khamis (called “Mrusi”, approx. 55 years old now), aptly assisted by Sijaona Pandu (both from Kidoti).⁷ On two occasions (in July 2001 and March 2002) short visits were paid to both elders who provided further details on plant names and uses.

⁴ Missouri Botanical Garden’s webpage is at <www.mobot.org/>. For searching the database, use <mobot.mobot.org/W3T/Search/vast.html>. Other relevant internet sources include e.g. ‘The global compendium of weeds’ at <www.hear.org/gcw/html/>. See also:

<www.usambara.com/eusampla.pdf>,

<apps3.fao.org/wIEWS/germplasm_species.jsp?species=E>, and

<www.hort.purdue.edu/newcrop/FamineFoods/ff_Indices/ff_family_ab.html>.

⁵ Comp., for example, the following comments on the relevance of plant names which were made by a botanist. Starting with his own profession, Dounias (2000:35-36) wrote: “The naturalists: the botanical identifications are accurate, but on the other hand the phonetic transcription leaves much to desire. With the registration of voices missing, the lexicons are often useless, despite the great efforts undertaken to collect the vocabulary... The linguists: we owe them the majority of dictionaries and lexicons... In most of the studies, plant names constitute only part of the vocabulary collected, the botanical identifications must be treated with caution and are rarely based on the collection of voucher specimens.”

⁶ North Zanzibar (Kaskazini Unguja) is one of the three regions of Zanzibar island (the other being Mjini Magharibi [Zanzibar West] and Kusini Unguja [South Zanzibar]. In the 1967 population census (URT 1971) 43055 (out of 54744) people claimed to belong to the Tumbatu ethnic group, this is a percentage of approx. 79 percent that are also assumed to speak the Tumbatu variety of Swahili (Kitumbatu) as home language. In more recent censuses, i. e. of 1988 and of 2002 the research area falls under Zanzibar North A (total population - 59,992) with 1945 people in Kidoti and 2086 in Tumbatu Jongowe, while for 2002 in North 'A' District 84,348 people were counted (Sources: Selected 1988 Census Data for the Region, p. 183; URT 2002 Population and Housing Census p. 6. Available from: <www.tanzania.go.tz/statisticsf.html>.

⁷ The author is greatly indebted to Mr. Makame and Mr. Pandu for the perfect cooperation and patience shown during plant collection and subsequent discussion of plant names and uses. The people of Kidoti was a charming host to the researcher who felt much at home among them. Many thanks to all again.

There are a number of plant names which are identical with those that are known all over or in larger parts of the Swahili-speaking areas. They are frequently part and parcel of Kimji or even Standard Swahili (meaning here the Standard Swahili dialect in Tanzania Mainland-SD). In fact, the more popular a plant is (this has also sometimes to do with the plant size) the more likely is the existence of a uniform plant name which is known and used by the Swahili speaking communities including northern Zanzibar/Tumbatu. However, this does not exclude the possibility of encountering specific terms which are mainly created by herbalists/traditional healers (“waganga”). Examples from Kidoti which are similar to plant names from other traditionally Swahili-speaking areas are as follows:

- Kimavi cha khuku (*Ageratum conyzoides* L. / COMPOSITEAE)
- Mbungo (*Saba florida* (Benth.) Bullock / APOCYNACEAE)
- Mchongoma (*Flacourtia indica* (Burm) f. Merr. / FLACOURTIACEAE)
- Mgunga (*Dichrostachys sinerea* (L.) Wight / MIMOSACEAE)
- Mjafari (*Erythrina abyssinica* DC. / PAPILIONACEAE)
- Mkabilishemsi (*Gynandropsis gynandra* (L.) Briq. / CAPPARIDACEAE)
- Mkadi (*Pandanus kirkii* Rendle / PANDANACEAE)
- Mkoko (*Brugnierea gymnorhiza* (L.) Lam. / RHIZOPHORACEAE)
- Mkongwa (*Commelina africana* L. / COMMELINACEAE)
- Mronge (*Moringa oleifera* Lam. / MORINGACEAE)
- Ukoka (*Panicum trichocladum* Hack. / GRAMINEAE) and more.⁸

Another group of plant names portrays specific dialectal features that are peculiar to the Tumbatu dialect.⁹ However, the divergence is rather insignificant in the sample nouns. This dialectal influence is i. a. reflected in aspirated voiceless fricatives in class 9/10 (e.g. “mchezanaphaka”, “mlyaphaya” or “mdakakhomba”). In addition, it could be concluded from various examples that TD (like other rural varieties) obviously represents a more archaic form of Swahili compared to Kimji or SD. This fact is in particular supported by the analysis of the syllable structure of various TD plant names. Thus, the botanical taxonomy makes clear that TD “mbayazi” (*Cajanus cajan* (L.) Millsp. / FABACEAE) is similar to SD “mbaazi”. The former variety displays a three syllable stem (i.e. *m-ba/ya/zi*), while the latter *m-ba:/zi* is a two syllable stem in which vowel lengthening still points to an earlier recurrent word structure that

⁸ For the SD data this summary makes reference to the entries in Heine&Legère (1995).

⁹ There is no relevant linguistic description of TD published so far. Some grammatical aspects were briefly discussed in Legère (1990) and Legère (1992).

has obviously been retained in TD. Comp. also TD “mchokoyo (msitu)” (*Canthium bibracteatum* (Baker) Hiern / RUBIACEAE) with SD “mchokoo”, TD “mcha(y)azi” (*Cissus rotundifolia* (Forssk.) Vahl. / VITACEAE) with SD “mchazi”, TD “mkayati” (*Bridelia* sp. / EUPHORBIACEAE) with SD “mkaati”, etc.

Or, TD “kifyauwongo” (‘small pretending death plant’ - *Mimosa pudica* L. / MIMOSACEAE) is identical with “kifauwongo” in SD. In this example the non-syllabic ‘i’ [j] is certainly a remnant of a verb stem *-fi-, comp. also TD “mlyangamia” (‘plant eaten by camels’ - *Cassytha filiformis* L. / OLEACEAE) and SD “mlangamia”, where TD operates with the verb stem *-li- (Proto Bantu C.S.550 *-dí-, Guthrie 1970a:151),¹⁰ as well as TD “mvyaliyanyuma” with SD “mzaliyanyuma” (‘afterbirth plant’ - *Phyllanthus* sp. / EUPHORBIACEAE) and the v<>z correspondence.

TD “muyuyakikali” (‘rigorously killing plant’ - *Clausena anisata* (Willd.) Hook. f. ex Benth. / RUTACEAE) is conceptually close to SD “mlakikali” (‘rigorously eating/destroying plant’) or “mwakikali” (which probably goes back to “mu-ua-kikali” - ‘rigorously killing plant’ - where according to the SD syllable structure the ‘u’ becomes non syllabic).

TD plant names resemble those in SD, although the species are not identical. There might be linguistic correspondence or near correspondence in the name, but the botanical identification of the species resulted in terms that did not prove botanical similarity. For example, TD “mdakakhomba” (‘catches the bushbaby plant’) is *Capparis erythrocarpos* Isert (CAPPARACEAE), but elsewhere “mdakakomba” is *Toddalia asiatica* Lam. (RUTACEAE). The TD plant name “mfyagio” (‘broom plant’ *Lippia ukambensis* Vatke / VERBENACEAE) which clearly refers to the use, i.e. sweeping, is similar to SD “mfagio”, but in other places different species are used for sweeping, such e.g. *Hibiscus esculanthus* or *Sida acuta*. Comp. also TD “mkyakati” (*Acalypha engleri* Pax / EUPHORBIACEAE) which is obviously related to SD “mchakati”, a *Leucas* sp. The former noun reflects the process towards palatalisation that is completed in the latter (with TD [kj] resulting in the palatalized voiceless fricative [tʃ] in SD).

A larger number of plant names from northern Zanzibar does not correspond with those from other parts of the Swahili speaking areas. Examples are:

¹⁰ Comp. also “mlyachhole” (‘plant eaten by shore /bulbul/ birds’), “mlyandege” (‘plant eaten by birds’), “mlyanunga” (‘plant eaten by nunga /nungu?-porcupine?’), “mlyaphaya” (‘plant eaten by gazelles’), in the latter case “phaya” is another evidence both of a TD two-syllable stem vs. SD one-syllable stem with vowel lengthening (“paa”) as well as of class 9/10 aspiration.

- TD “mbuyukuku” / “msinduzi” (*Dombeya cincinnata* K. Schum. / STERCULACEAE) is different from SD “mwoza”,
- TD “mchochoni” (*Dioscorea zanzibarica* Pax. / DIOSCOREACEAE) from SD “ndiga”,
- TD “mgovu” (*Euphorbia tirucalli* L. / EUPHORBIACEAE) from SD “mchakazi”, “mnyara”, “mwasi”,
- TD “mkangara” (*Datura metel* L. / SOLONACEAE) from SD “mranaha”,
- TD “mkongwa” (*Commelina africana* Mirb. / COMMELINACEAE) from “kolyani”,
- TD “mvunjashoka” (*Haplocoelum inopleum* Radtk. / SAPINDACEAE) from “mchumbi” and “mfungatanzu”, etc.

Given the experience so far in tracing plant names among speakers of various Swahili varieties one could conclude that the smaller a plant is (including a restricted knowledge and popularity), the more individualized are plant names which, as a consequence, display a rather unique regional/local character. It was observed in Makunduchi (South Zanzibar) and in Pemba (Wingwi) that names might vary even from village to village. Northern Zanzibar is no exception from this rule.

The overwhelming majority of the plant names from northern Zanzibar (i.e. 207 out of 231, or 89.6 percent) belongs to the 3/4 noun class. In view of the prominence of tree and plant names in this noun class Meinhof rightly called it “Tree class”. The data from northern Zanzibar corroborates this attribute of the m-/mi-class. Only a handful of names (14 out of the remaining 24) come from class 7/8, while the rest is either 5/6, 9/10 or 14.

The structure of the plant names recorded in Kidoti and Tumbatu is as follows:

- a) The basic structure is NCM + stem (NCM-noun class marker), e.g. “mlimbo” - m+limbo;
- b) the stem could be reduplicated, hence NCM + stem + stem, e.g. “mchangachanga” (‘sand like plant’), “mkumakuma” - m+kuma+kuma (‘vagina like plant’), “mlazalaza” - m+laza+laza (laza - put to bed), “mpindipindi” - m+pindi+pindi (‘many pieces plant’)¹¹ etc.;

¹¹ For a discussion of the use of reduplicated stems see Heine & Legère (1995:45).

- c) head noun followed by an adnominal expression, of the structure $n + CMa^{12} + n$, e.g. “kilemba cha bwana” (‘turban of master’), “kimavi cha khuku” (‘faeces of chicken’), “mdomo wa fufu (‘mouth of a mfuu fruit’) ” or “muumbuzi wa bara” (‘muumbuzi of the interior’); or head noun plus qualifier (mainly another noun, but also an adjective) $n + qual$, e.g. “kimanjanouchawi” (‘small turmeric plant [of] witchcraft’), “mbangi wazimu” (‘Indian hemp plant [of] ancestral spirits’), “mbayazi uwanda” (‘mbayazi [of the] field’), “mtango chole” (‘[wild] cucumber plant [of] chole birds’), “mviruviru muyume” (‘mviruviru [of] male [type]’) or “miiiba miwili” (‘two thorns plant’);
- d) compound nouns of various types such as $NCM_1 + verbal\ stem + NCM_2 + stem$, e.g. “mtemachui” - $m+tema+chui$ ($m+spit+leopard$ > ‘leopard spitting plant’), “mvaliyanyuma” $m+valiya+nyuma$ ($m+give\ birth+after$ > ‘afterbirth plant’), “mwozeakichwani” ($mw+rot+in\ the\ head$ > ‘in the head rotting plant’), “mwendachafya” ($mw+go+sneeze$ > ‘sneezing plant’)¹³ and also “mjazakhapu” ($m+fill+basket$ > ‘fills the basket plant’) where ‘plant’ is the logical subject of the underlying phrase and ‘basket’ both the grammatical and logical object in the compound.

In order for facilitating a comparison between plant names from northern Zanzibar with those from other areas, a third list is included. Thus appendix C displays relevant entries from Kidoti and Tumbatu and their equivalents in SD and other Swahili varieties. (In it, North Zanzibar terms appear in bold-print.)

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¹² CM = concord marker.

¹³ See also the “mlya-” compounds mentioned above in footnote 9.

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APPENDIX A — PLANT NAMES FROM NORTH ZANZIBAR

- Cheyukiya *Erianthemum dregei* (Eckl. & Zeyh.) Tiegh. (LORANTHACEAE)
Gugu *Pennisetum purpureum* Schumach. (POACEAE)
Kifya *Kyparrhenia rufa* (Wees) Stapf (POACEAE)
Kifyauwongo *Mimosa pudica* L. (FABACEAE)
Kikanjo *Euphorbia hirta* L. (EUPHORBIACEAE)
Kikwajuzi *Abrus precatorius* L. (FABACEAE) see also Mlzalaza
Kikwayakwaya *Stachytarpheta angustifolia* (Mill.) Vahl (VERBENACEAE)
Kilemba cha bwana *Emilia sagittata* DC. (ASTERACEAE)
Kimanjanouchawi *Gloriosa superba* L. (LILIACEAE)
Kimavi cha khuku *Ageratum conyzoides* L. (ASTERACEAE)
Kipayakazi *Waltheria indica* L. (STERCULACEAE)
Kisawanye *Buchnera hispida* Buch.-Ham. ex D. Don (SCROPHULARIACEAE)
Kisawanyemuungo *Euphorbia heterophylla* L. (EUPHORBIACEAE)
Kisinde *Eleusine indica* (L.) Gaertn. (RUTACEAE)

- Kisisi *Cissampelos mucronata* A. Rich (MENISPERMACEAE)
Kiyayambapwa *Pemphis acidula* Forsk. (LYTARICACEAE)
Machanje *Microchloa kunthii* Desv. (POACEAE)
Mbakuzi *Capparis tomentosa* Lam. (CAPPARACEAE) see also Mwa(a)ka
Mbangiwazimu *Conyza pyrrhopappa* Sch. Bip. ex A. Rich. (ASTERACEAE)
Mbaya(ya) *Panicum maximum* Jacq. (POACEAE)
Mbayakhima *Rhynchosia* sp. (FABACEAE)
Mbayamwezi *Lantana viburnoides* (Forssk) Vahl. (VERBENACEAE)
Mbayazi *Cajanus cajan* (L.) Millsp. (FABACEAE) see also Muumbuzi wa Bara
Mbayazi *Cassia occidentalis* L. (FABACEAE)
Mbayazi uwanda *Alysicarpus rugosus* (Willd.) DC. (FABACEAE)
Mbayazi uwanda *Tephrosia purpurea* (L.) Pers. (FABACEAE)
Mbeumbeu *Ageratum conyzoides* L. (ASTERACEAE)
Mbibikhuyu *Synaptolepis kirkii* Oliv. (THYMELAECEAE)
Mbigili *Oxygonum sinuatum* Bak. (POLYGONACEAE)
Mbunduki *Ehretia petiolaris* Lam. (BIGNONIACEAE)
Mbungo *Landolphia florida* Benth. (APOCYNACEAE)
Mbungo *Saba florida* (Benth.) Bullock (APOCYNACEAE)
Mburugamu *Eucalyptus ovata* L. (MYRTACEAE)
Mbuwamwaka *Lecaniodiscus fraxinifolius* Baker (SAPINDACEAE)
Mbuwamwaka *Maytenus senegalensis* (Lam.) Exell. (CELASTRACEAE)
Mbuyukuku *Dombeya cincinnata* K. Schum. (STERCULACEAE) see also
Msinduzi
Mcha(y)azi *Cissus rotundifolia* (Forssk.) Vahl. (VITACEAE)
Mchakuzi *Uvaria acuminata* Oliv. (ANNONACEAE)
Mchangachanga *Euclea schimperi* (A. DC.) Dandy (EBENACEAE) see also
Mwiza
Mchangochango *Asparagus falcatus* L. (LILIACEAE)
Mchani *Phymatodes scolopendria* (L.) Hitch. (POLYPODIACEAE)
Mchechephwa *Abrus precatorius* L. (FABACEAE) see also Kikwajuzi
Mchembeleya *Cyphostemma buchananii* (Planch.) Desc. ex Wild & R.B. Drumm.
(VITACEAE)
Mchengele *Rhus longipes* Engl. (ANACARDIACEAE)
Mchengelevu *Polysphaeria parvifolia* Hiern (RUBIACEAE)
Mcherewa *Flacourtia indica* (Burm) f. Merr. (FLACOURTIACEAE)
Mchongoma
Mchezanaphaka *Acalypha fruticosa* Forssk. (EUPHORBIACEAE) see also
Mkojo
Mchochoni *Dioscorea zanzibarica* Pax. (DIOSCOREACEAE)
Mchofu *Monanthes formicata* (Baill.) Verac. (ANNONACEAE)

- Mchokoyo *Premna obtusifolia* R. Br. (VERBENACEAE)
 Mchokoyo msitu *Canthium bibracteatum* (Baker) Hiern (RUBIACEAE)
 Mchongoma *Flacourtia indica* (Burm) f. Merr. (FLACOURTIACEAE) see also
 Mcherewa
 Mchongoma mwekundu *Flacourtia indica* (Burm) f. Merr.
 (FLACOURTIACEAE) see also Mcherewa
 Mchongoma mweupe *Flacourtia indica* (Burm) f. Merr. (FLACOURTIACEAE)
 see also Mcherewa
 Mchu *Avicennia marina* (Forsk.) Vierh. (AVICENNIACEAE) see also
 Muyayamba
 Mchunga muyume *Lannea cornuta* (Oliv. & H.) C. Jeffrey (ANACARDIACEAE)
 Mchungachale *Lannea intybacea* (Jacq.)Beav. (ANACARDIACEAE)
 Mchungwa kayale *Sonchus oleraceus* L. (ASTERACEAE)
 Mchungwi *Rhus natalensis* Bern. (ANACARDIACEAE)
 Mchungwi *Ziziphus mucronata* Willd. (RHAMNACEAE)
 Mchwalili *Sansevieria zanzibarica* G. & L. (AGAVACEAE)
 Mdakakhomba *Capparis erythrocarpos* Isert (CAPPARACEAE)
 Mdimu *Citrus aurantifolia* (Christm.) Swingle (RUTACEAE)
 Mdimu msitu *Suregada zanzibariensis* (Baill.) Muell. (EUPHORBIACEAE)
 Mdomo wa fufu *Canavalia rosea* (Sw.) DC. (FABACEAE)
 Mfarafaji *Morus alba* L. (MORACEAE)
 Mfuja *Citrus aurantifolia* (Christm.) Swingle (RUTACEAE) healer's name
 Mfupapo *Canthium* sp. (RUBIACEAE)
 Mfuru *Vitex doniana* Sweet (VERBENACEAE)
 Mfurutangi *Plumeria rubra* L. (APOCYNACEAE)
 Mfyagio *Lippia ukambensis* Vatke (VERBENACEAE)
 Mfyodo *Pavetta crebrifolia* Hiern. (RUBIACEAE)
 Mfyoyo *Triumfetta* sp. (TILIACEAE)
 Mgandaganda *Desmodium genticum* (L.) DC. (FABACEAE)
 Mgeuka *Amaranthus dubius* Mart. (AMARANTHACEAE)
 Mgolemaji *Trichilia roka* (Forsk.) Chiov. (MELIACEAE)
 Mgongo *Deinbollia borbonica* Schaff. (SAPINDACEAE) see also Mwambo
 Mgorowezi *Adenia cissampeloides* (Planch. ex Hook.) Harms
 (PASSIFLORACEAE)
 Mgovu *Euphorbia tirucalli* L. (EUPHORBIACEAE)
 Mgunga *Dichrostachys cinerea* (L.) Wight & Arn. (FABACEAE)
 Mhang'ong'wa *Chassalia umbraticola* Vatke (RUBIACEAE)
 Mjafari *Erythrina abyssinica* Lam. ex DC. (FABACEAE)
 Mjazakhapu *Chassalia parvifolia* K. Schum. (RUBIACEAE)
 Mjuyusi *Lannea* sp. (ANACARDIACEAE)

- Mkabilishemsi *Gynandropsis gynandra* (L.) Briq. (CAPPARACEAE)
Mkadi *Pandanus kirkii* Rendle (PANDANACEAE)
Mkakakhe *Salacia madagascariensis* (Lam.) Dc. (CELASTRACEAE)
Mkaliaezi *Ficus holstii* Warb. (MORACEAE)
Mkamasi *Hyptis suavelonsis* Poir. (LAMIACEAE)
Mkandaya *Rhizophora mucronata* Lam. (RHIZOPHORACEAE)
Mkangaga *Rhytachne rottboellioides* Desv. ex Ham. (POACEAE)
Mkangara *Datura metel* L. (SOLONACEAE)
Mkatamshamba *Antidesma membranaceum* Muell. Arg. (EUPHORBIACEAE)
Mkayaga *Diospyros mespiliformis* Hochst. ex. A. DC. (EBENACEAE)
Mkayati *Bridelia micrantha* (Hochst.) Bail. (EUPHORBIACEAE)
Mkekewa *Smilax kraussiana* Meisn. (SMILACACEAE)
Mkivuli *Blighia unijugata* Bak. (SAPINDACEAE)
Mkivundo *Maytenus senegalensis* (Lam.) Exell. (CELASTRACEAE)
Mkojo *Acalypha engleri* Pax (EUPHORBIACEAE) see also Mcheza...
Mkokho *Brugniera gymnorhiza* (L.) Lam. (RHIZOPHORACEAE)
Mkole *Grewia bicolor* Juss. (TILIACEAE)
Mkomwe *Caesalpinia bonducella* (L.) Roxb. (CAESALPINIACEAE)
Mkongwa *Commelina africana* Mirb. (COMMELINACEAE)
Mkozi *Capparis tomentosa* Lam. (CAPPARACEAE)
Mkuju *Leucas* sp. (LAMIACEAE)
Mkumakuma *Cissus integrifolia* (Bak.) Planch (VITACEAE)
Mkunazi *Ziziphus abysinnica* A. Rich. (RHAMNACEAE)
Mkunde bara *Vigna frutescens* A. Rich. (FABACEAE)
Mkunguni *Euclea* sp. (EBENACEAE)
Mkunguphwa *Terminalia catappa* L. (COMBRETACEAE)
Mkunguzi *Luffa acutangula* Roxb. (CUCURBITACEAE)
Mkunjuphelele *Vitex payos* (Lour.) Merr. (VERBENACEAE)
Mkunjuyu *Gonatopus boivinii* (Decne.) Engl. (ARALIACEAE)
Mkuruvitu (mke) *Grewia forbesii* Harv. ex Mast. (TILIACEAE)
Mkuruvitu muyume *Allophylus rubifolius* (Hochst. ex A. Rich.) Engl.
(SAPINDACEAE)
Mkuruvitu muyume *Commiphora lindensis* Engl. (BURSERACEAE)
Mkuyausiku *Leucas mollis* Baker (LAMIACEAE)
Mkuyu *Ficus capensis* Thunb. (MORACEAE)
Mkuyukilemba *Diospyros consolatae* Chiov. (EBENACEAE)
Mkwambamaji *Bridelia cathartica* G. Bertol. (EUPHORBIACEAE)
Mkwambamaji *Securinega virosa* (Roxb. ex Willd.) Baill. (EUPHORBIACEAE)
see also Mpukusaumati
Mkwe *Annona senegalensis* Pers. (ANNONACEAE)

- Mkwemanga *Annona squamosa* L. (ANNONACEAE)
 Mkyakati *Acalypha engleri* Pax (EUPHORBIACEAE) see also Mchakati
 Mlazalaza *Abrus precatorius* L. (FABACEAE) see also Kikwajuzi
 Mlilana *Sonneratia alba* Smith. (SONNERATIACEAE)
 Mlimbo *Hippocratea indica* Willd. (CELASTRACEAE)
 Mlimbuzi *Eleodendron schlechteranum* (L.) Loes. (CELASTRACEAE)
 Mlyachhole *Lippia javanica* (Burm f.) Spreng. (VERBENACEAE)
 Mlyandege *Ficus natalensis* Hochst. (MORACEAE)
 Mlyangamia *Cassytha filiformis* L. (OLEACEAE)
 Mlyanunga *Strychnos mitis* S. Moore (LOGANIACEAE)
 Mlyaphaya *Psychotria* sp. (RUBIACEAE)
 Mmamoto *Pancovia holtzii* Gilg ex Radek. (SAPINDACEAE)
 Mmanjano *Curcuma lomga* L. (ZINGIBERACEAE)
 Mmiiba miwili *Meyna tetraphylla* (Hiern.) Robyns. (RUBIACEAE)
 Mnanuzi *Toddalia asiatica* Lam. (RUTACEAE)
 Mngelengele *Albizia glaberrima* (Schum. & Thonn.) Benth. (FABACEAE)
 Mng'ongo *Lannea stuhlmannii* (Engl.) Kokwaro (ANACARDIACEAE)
 Mng'ongo *Sclerocarya caffra* Sond. (ANACARDIACEAE)
 Mnyambura (mapumbu) *Hibiscus surratensis* L. (MALVACEAE)
 Mnywa *Toddalia asiatica* Lam. (RUTACEAE)
 Mpachu *Croton pseudopulchellus* Pax (EUPHORBIACEAE)
 Mparamsi *Sterculia africana* (Lour.) Fiori (STERCULACEAE)
 Mpayaya *Dalbergia obovata* E. Mey. (FABACEAE)
 Mpayaya *Mystroxydon aethiopicum* (Thunb.) Loes. (CELASTRACEAE)
 Mpembaglass *Stenotaphrum dimidiatum* (L) Brongn. (POACEAE)
 Mpepe *Dodonaea angustifolia* Jacq. (SAPINDACEAE) also Kipepe
 Mpepe *Psiadia punctulata* (DC.) Vatke (ASTERACEAE) also Kipepe
 Mpepevizuyu *Psychotria* sp. (RUBIACEAE) healer's name
 Mpesu *Trema orientalis* (L.) Bl. (ULMACEAE)
 Mpilivili *Sorindeia madagascariensis* Thouars ex DC. (ANACARDIACEAE)
 Mpindambavu *Commiphora lindensis* Engl. (BURSERACEAE)
 Mpindipindi *Acridocarpus zanzibaricus* A. Joss. (MALPIGHIACEAE)
 Mpinga *Cassia afrofitula* Brenan (FABACEAE)
 Mpukusaumati *Flueggea virosa* (Roxb. ex Willd.) Voigt (EUPHORBIACEAE) see
 also Mkwamba Maji
 Mpukusaumati *Securinega virosa* (Roxb. ex Willd.) Baill. (EUPHORBIACEAE)
 Mrimba *Eleodendron* sp. (CELASTRACEAE)
 Mronge *Moringa oleifera* Lam. (MORINGACEAE)
 Mshikahanye *Achyranthes aspera* L. (AMARANTHACEAE)
 Mshindano *Hypoestes forskalei* (Vahl) Sol. ex Roem. & Schult. (ACANTHACEAE)

- Mshokishoki *Nephelium lappaceum* L. (SAPINDACEAE)
Mshubirimani *Aloe massawana* Reynold. (LILIACEAE)
Msiliza *Euclea natalensis* A. DC. (EBENACEAE) see also Mtundamabwe,
Muviza and Mvuvuru
Msinduzi *Dombeya cincinnata* K. Schum. (STERCULACEAE) see also
Mbuyukuku
Msisimizi *Hollarhena febrifuga* Klotosch (APOCYNACEAE)
Msonga *Dodonaea angustifolia* Jacq. (SAPINDACEAE)
Msuko *Colubrina asiatica* (L.) Brongn. (RHAMNACEAE)
Msusu wa njiwa *Ficus sur* Forssk. (MORACEAE)
Mtambukachonga *Paullinia pinnata* L. (SAPINDACEAE)
Mtango chole *Cucumis* sp. (CUCURBITACEAE)
Mtango khima *Luffa cylindrica* L. M. Roem. (CUCURBITACEAE)
Mtawanda *Markhamia sansibarica* (Bojer ex DC.) K. Schum. (BIGNONIACEAE)
Mtemachui *Canthium pallidum* (K. Schum.) Bullock (RUBIACEAE)
Mtemawake *Maytenus heterophylla* (Eckl & Zeyh.) N. Robson (CELASTRACEAE)
Mtomoka *Annona reticulata* L. (ANNONACEAE)
Mtomondo *Barringtonia racemosa* (DC.) Spreng. (LECYTHIDACEAE)
Mtongwe *Cyphostemma buchananii* (Planch.) Desc. ex Wild & R.B. Drumm.
(VITACEAE)
Mtopetope *Annona senegalensis* Pers. (ANNONACEAE)
Mtotwe *Cussonia zimmermannii* Harms (ARALIACEAE)
Mtowe *Landolphia kirkii* Dyer (APOCYNACEAE)
Mtukutu *Vernonia colorata* (Willd.) Drake (ASTERACEAE)
Mtuliya *Ocimum suave* Willd. (LAMIACEAE)
Mtumbika *Croton polytrichus* Pax (EUPHORBIACEAE)
Mtundamabwe *Euclea natalensis* A. DC. (EBENACEAE) see also Msiliza,
Muviza and Mvuvuru
Mtundamaguu *Xylothea tettensis* (Klot.) Gilg. (FLACOURTIACEAE)
Mtundang'ombe *Sideroxylon inerme* L. (SAPOTACEAE)
Mtunguja *Solanum incanum* Ruiz & Pav. (SOLONACEAE)
Muharirir *Maytenus senegalensis* (Lam.) Exell. (CELASTRACEAE)
Muukaphwi *Clerodendrum glabrum* E. Mey. (VERBENACEAE)
Muumbuzi *Cassia occidentalis* L. (FABACEAE)
Muumbuzi wa bara *Cajanus cajan* (L.) Millsp. (FABACEAE)
Muviza *Euclea natalensis* A. DC. (EBENACEAE) see also Msiliza,
Mtundamabwe and Mvuvuru
Muviza *Plectranthus* sp. (LAMIACEAE)
Muwaziwazi *Clerodendrum swynnertonii* S. Moore (VERBENACEAE)
Muyabapa *Commiphora* sp. (BURSERACEAE)

- Muyabapwa *Ficus sansibarica* Warb. (RUBIACEAE)
- Muyayamba *Avicennia marina* (Forsk.) Vierh. (AVICENNIACEAE) see also
Mchu
- Muyuyakikali *Clausena anisata* (Willd.) Hook. f. ex Benth. (RUTACEAE) see also
Mvujemani
- Mvaliyanuma *Phyllanthus welwitschianus* Muell. var. *beillei* (Hutch.) A.R.-Sm
(EUPHORBIACEAE)
- Mviruviru *Pancovia holtzii* Gilg. (SAPINDACEAE)
- Mviruviru muyume *Dichapetalum arenarium* Breteler (DICHAPETALACEAE)
- Mvujemani *Clausena anisata* (Willd.) Hook. f. ex Benth. (RUTACEAE) see also
Mvujemani
- Mvumasimba *Psidium guajava* L. (MYRTACEAE)
- Mvumbaphaka *Vernonia colorata* (Willd.) Drake (ASTERACEAE)
- Mvumbue *Basilicum polystachyon* (L.) Moench. (LAMIACEAE)
- Mvunjafuti *Asystasia gangetica* (L.) T. Anderson (ACANTHACEAE)
- Mvunjakhondo *Cleome spinosa* (Boj.) Oliv. (CAPPARACEAE)
- Mvunjashoka *Haplocoelum inopleum* Radtk. (SAPINDACEAE)
- Mvunjashoka *Maerua angolensis* (DC.) (CAPPARACEAE)
- Mvuvuru *Euclea natalensis* A. DC. (EBENACEAE) see also Msiliza,
Mtundamabwe and Muviza
- Mwa(a)ka *Capparis tomentosa* Lam. (CAPPARACEAE)
- Mwafu *Capparis fascicularis* DC. (CAPPARACEAE)
- Mwambamji *Commiphora pteleifolia* Engl. (BURSERACEAE)
- Mwambo *Deinbollia borbonica* Schaff. (SAPINDACEAE) see also Mgongo
- Mwendachafya *Cyphostemma* sp.. (VITACEAE)
- Mwengelea *Cissus integrifolia* (Bak.) Planch (VITACEAE)
- Mwijuvi *Sida acuta* Burm. f. (MALVACEAE)
- Mwiza *Euclea schimperi* (A. DC.) Dandy (EBENACEAE) see also
Mchangachanga
- Mwozeakichwani *Albizia gummifera* (J.F. Gmel.) C.A. Smith (FABACEAE)
- Mzambarau *Syzygium cordatum* Hochst. (MYRTACEAE)
- Mzamnda *Azadirachta indica* Adr. Juss. (MELIACEAE)
- Mzimya *Ozoroa insignis* Del. (ANACARDIACEAE)
- Mzunguzungu *Lantana camara* L. (VERBENACEAE)
- Ndago *Cyperus articulatus* L. (CYPERACEAE)
- Ukoka *Panicum trichocladum* Hack. ex K. Schum. (POACEAE)
- Upupu *Vigna pubescens* R. Wilczek (FABACEAE)
- Usigo *Desmodium gangenticum* (L.) DC. (FABACEAE)
- Utupa *Tephrosia noctiflora* Bak. (FABACEAE)

Uzingwi *Pteridium aquilinum* (L.) Kuhn. (POLYPODIACEAE)

Weni *Tragia brevipes* Pax. (EUPHORBIACEAE)

APPENDIX B — BOTANICAL INDEX (1)

Abrus precatorius L. (FABACEAE) *Kikwajuzi, Mchechephwa, Mlazalaza*

Acalypha engleri Pax (EUPHORBIACEAE) *Mkojo, Mkyakati*

Acalypha fruticosa Forssk. (EUPHORBIACEAE) *Mchezanaphaka*

Achyranthes aspera L. (AMARANTHACEAE) *Mshikahanye*

Acridocarpus zanzibaricus A. Joss. (MALPIGHIACEAE) *Mpindipindi*

Adenia cissampeloides (Planch. ex Hook.) Harms (PASSIFLORACEAE)

Mgorowezi

Ageratum conyzoides L. (ASTERACEAE) *Kimavi cha khuku, Mbeumbeu*

Albizia glaberrima (Schum. & Thonn.) Benth. (FABACEAE) *Mngelengele*

Albizia gummifera (J.F. Gmel.) C.A. Smith (FABACEAE) *Mwozeakichwani*

Allophylus rubifolius (Hochst. ex A. Rich.) Engl. (SAPINDACEAE) *Mkuruvitu*

muyume

Aloe massawana Reynold. (LILIACEAE) *Mshubirimani*

Alysicarpus rugosus (Willd.) DC. (FABACEAE) *Mbayazi uwanda*

Amaranthus dubius Mart. (AMARANTHACEAE) *Mgeuka*

Annona reticulata L. (ANNONACEAE) *Mtomoka*

Annona senegalensis Pers. (ANNONACEAE) *Mkwe, Mtopetope*

Annona squamosa L. (ANNONACEAE) *Mkwemanga*

Antidesma membranaceum Muell. Arg. (EUPHORBIACEAE) *Mkatamshamba*

Asparagus falcatus L. (LILIACEAE) *Mchangochango*

Asystasia gangetica (L.) T. Anderson (ACANTHACEAE) *Mvunjafuti*

Avicennia marina (Forsk.) Vierh. (AVICENNIACEAE) *Muyayamba, Mchu*

Azadirachta indica Adr. Juss. (MELIACEAE) *Mzamnda*

Barringtonia racemosa (DC.) Spreng. (LECYTHIDACEAE) *Mtomondo*

Basilicum polystachyon (L.) Moench. (LAMIACEAE) *Mvumbue*

Blighia unijugata Bak. (SAPINDACEAE) *Mkivuli*

Bridelia cathartica G. Bertol. (EUPHORBIACEAE) *Mkwambamaji*

Bridelia micrantha (Hochst.) Bail. (EUPHORBIACEAE) *Mkayati*

Brugniera gymnorhiza (L.) Lam. (RHIZOPHORACEAE) *Mkokho*

Buchnera hispida Buch.-Ham. ex D. Don (SCROPHULARIACEAE) *Kisawanye*

Caesalpinia bonducella (L.) Roxb. (CAESALPINIACEAE) *Mkomwe*

Cajanus cajan (L.) Millsp. (FABACEAE) *Mbayazi, Muumbuza wa bara*

Canavalia rosea (Sw.) DC. (FABACEAE) *Mdomo wa fufu*

Canthium sp. (RUBIACEAE) *Mfupapo*

- Canthium bibracteatum* (Baker) Hiern (RUBIACEAE) *Mchokoyo msitu*
Canthium pallidum (K. Schum.) Bullock (RUBIACEAE) *Mtemachui*
Capparis erythrocarpos Iserl (CAPPARACEAE) *Mdakakhomba*
Capparis fascicularis DC. (CAPPARACEAE) *Mwafu*
Capparis tomentosa Lam. (CAPPARACEAE) *Mkozi, Mbakuzi, Mwa(a)ka*
Cassia afrofistula Brenan (FABACEAE) *Mpinga*
Cassia occidentalis L. (FABACEAE) *Mbayazi, Muumbuzi*
Cassytha filiformis L. (OLEACEAE) *Mlyangamia*
Chassalia parvifolia K. Schum. (RUBIACEAE) *Mjazakhapu*
Chassalia umbraticola Vatke (RUBIACEAE) *Mhang'ong'wa*
Cissampelos mucronata A. Rich (MENISPERMACEAE) *Kisisi*
Cissus integrifolia (Bak.) Planch (VITACEAE) *Mkumakuma, Mwengelea*
Cissus rotundifolia (Forssk.) Vahl. (VITACEAE) *Mcha(y)azi*
Citrus aurantifolia (Christm.) Swingle (RUTACEAE) *Mdimu, Mfuja* healer's name
Clausena anisata (Willd.) Hook. f. ex Benth. (RUTACEAE) *Muyuyakikali,*
Mvujemani
Cleome spinosa (Boj.) Oliv. (CAPPARACEAE) *Mvunjakhondo*
Clerodendrum glabrum E. Mey. (VERBENACEAE) *Muukaphwi*
Clerodendrum swynnertonii S. Moore (VERBENACEAE) *Muwaziwazi*
Colubrina asiatica (L.) Brongn. (RHAMNACEAE) *Msuko*
Commelina africana Mirb. (COMMELINACEAE) *Mkongwa*
Commiphora sp. (BURSERACEAE) *Muyabapa*
Commiphora lindensis Engl. (BURSERACEAE) *Mkuruvitu muyume,*
Mpindambavu
Commiphora pteleifolia Engl. (BURSERACEAE) *Mwambamji*
Conyza pyrrophappa Sch. Bip. ex A. Rich. (ASTERACEAE) *Mbangiwazimu*
Croton polytrichus Pax (EUPHORBIACEAE) *Mtumbika*
Croton pseudopulchellus Pax (EUPHORBIACEAE) *Mpachu*
Cucumis sp. (CUCURBITACEAE) *Mtango chole*
Curcuma lomga L. (ZINGIBERACEAE) *Mmanjano*
Cussonia zimmermannii Harms (ARALIACEAE) *Mtotwe*
Cyperus articulatus L. (CYPERACEAE) *Ndago*
Cyphostemma sp. (VITACEAE) *Mwendachafya*
Cyphostemma buchananii (Planch.) Desc. ex Wild & R.B. Drumm. (VITACEAE)
Mchembeleya, Mtongwe
Dalbergia obovata E. Mey. (FABACEAE) *Mpaya*
Datura metel L. (SOLONACEAE) *Mkangara*
Deinbollia borbonica Schaff. (SAPINDACEAE) *Mgongo, Mwambo*
Desmodium gangueticum (L.) DC. (FABACEAE) *Mgandaganda, Usigo*
Dichapetalum arenarium Breteler (DICHAPETALACEAE) *Mviruviru muyume*

- Dichrostachys cinerea* (L.) Wight & Arn. (FABACEAE) *Mgunga*
Dioscorea zanzibarica Pax. (DIOSCOREACEAE) *Mchochoni*
Diospyros consolatae Chiov. (EBENACEAE) *Mkuyukilemba*
Diospyros mespiliformis Hochst. ex. A. DC. (EBENACEAE) *Mkayaga*
Dodonaea angustifolia Jacq. (SAPINDACEAE) *Mpepe, Msonga*
Dombeya cincinnata K. Schum. (STERCULACEAE) *Mbuyukuku, Msinduzi*
Ehretia petiolaris Lam. (BIGNONIACEAE) *Mbunduki*
Eleodendron sp. (CELASTRACEAE) *Mrimba*
Eleodendron schlechteranum (L.) Loes. (CELASTRACEAE) *Mlimbuzi*
Eleusine indica (L.) Gaertn. (RUTACEAE) *Kisinde*
Emilia sagittata DC. (ASTERACEAE) *Kilemba cha bwana*
Erianthemum dregei (Eckl. & Zeyh.) Tiegh. (LORANTHACEAE) *Cheyukiya*
Erythrina abyssinica Lam. ex DC. (FABACEAE) *Mjafari*
Eucalyptus ovata L. (MYRTACEAE) *Mburugamu*
Euclea sp. (EBENACEAE) *Mkunguni*
Euclea natalensis A. DC. (EBENACEAE) *Msiliza, Mtundamabwe, Muviza, Mvuvuru*
Euclea schimperi (A. DC.) Dandy (EBENACEAE) *Mchangachanga, Mwiza*
Euphorbia heterophylla L. (EUPHORBIACEAE) *Kisawanyemuungo*
Euphorbia hirta L. (EUPHORBIACEAE) *Kikanjo*
Euphorbia tirucalli L. (EUPHORBIACEAE) *Mgovu*
Ficus capensis Thunb. (MORACEAE) *Mkuyu*
Ficus holstii Warb. (MORACEAE) *Mkaliaezi*
Ficus natalensis Hochst. (MORACEAE) *Mlyandege*
Ficus sansibarica Warb. (RUBIACEAE) *Muyabapwa*
Ficus sur Forssk. (MORACEAE) *Msusu wa njiwa*
Flacourtia indica (Burm) f. Merr. (FLACOURTIACEAE) *Mcherewa, Mchongoma, Mchongoma mwekundu, Mchongoma mweupe*
Flueggea virosa (Roxb. ex Willd.) Voigt (EUPHORBIACEAE) *Mpukusaumati*
Gloriosa superba L. (LILIACEAE) *Kimanjanouchawi*
Gonatopus boivinii (Decne.) Engl. (ARALIACEAE) *Mkunjuyu*
Grewia bicolor Juss. (TILIACEAE) *Mkole*
Grewia forbesii Harv. ex Mast. (TILIACEAE) *Mkuruvitu (mke)*
Gynandropsis gynandra (L.) Briq. (CAPPARACEAE) *Mkabilishemsi*
Haplocoelum inopleum Radtk. (SAPINDACEAE) *Mvunjashoka*
Hibiscus surratensis L. (MALVACEAE) *Mnyambura (mapumbu)*
Hippocratea indica Willd. (CELASTRACEAE) *Mlimbo*
Hollarhena febrifuga Klotzsch (APOCYNACEAE) *Msisimizi*
Hypoestes forskalei (Vahl) Sol. ex Roem. & Schult. (ACANTHACEAE) *Mshindano*
Hyptis suavelonsis Poir. (LAMIACEAE) *Mkamasi*

- Kyparrhenia rufa* (Wees) Stapf (POACEAE) *Kifya*
Landolphia florida Benth. (APOCYNACEAE) *Mbungo*
Landolphia kirkii Dyer (APOCYNACEAE) *Mtowe*
Lannea sp. (ANACARDIACEAE) *Mjuyusi*
Lannea cornuta (Oliv. & H.) C. Jeffrey (ANACARDIACEAE) *Mchungu muyume*
Lannea intybacea (Jacq.) Beav. (ANACARDIACEAE) *Mchungachale*
Lannea stuhlmannii (Engl.) Kokwaro (ANACARDIACEAE) *Mng'ongo*
Lantana camara L. (VERBENACEAE) *Mzunguzungu*
Lantana viburnoides (Forssk) Vahl. (VERBENACEAE) *Mbayamwezi*
Lecaniodiscus fraxinifolius Baker (SAPINDACEAE) *Mbuwamwaka*
Leucas sp. (LAMIACEAE) *Mkuju*
Leucas mollis Baker (LAMIACEAE) *Mkuyausiku*
Lippia javanica (Burm f.) Spreng. (VERBENACEAE) *Mlyachhole*
Lippia ukambensis Vatke (VERBENACEAE) *Mfyagio*
Luffa acutangula Roxb. (CUCURBITACEAE) *Mkunguzi*
Luffa cylindrica L. M. Roem. (CUCURBITACEAE) *Mtango khima*
Maerua angolensis (DC.) (CAPPARACEAE) *Mvunjashoka*
Markhamia sansibarica (Bojer ex DC.) K. Schum. (BIGNONIACEAE) *Mtawanda*
Maytenus heterophylla (Eckl & Zeyh.) N. Robson (CELASTRACEAE) *Mtemawake*
Maytenus senegalensis (Lam.) Exell. (CELASTRACEAE) *Mbuwamwaka,*
Mkivundo, Muharirir
Meyna tetraphylla (Hiern.) Robyns. (RUBIACEAE) *Mmiiba miwili*
Microchloa kunthii Desv. (POACEAE) *Machanje*
Mimosa pudica L. (FABACEAE) *Kifyauwongo*
Monanthotaxis formicata (Baill.) Verac. (ANNONACEAE) *Mchofu*
Moringa oleifera Lam. (MORINGACEAE) *Mronge*
Morus alba L. (MORACEAE) *Mfarafaji*
Mystroxyton aethiopicum (Thunb.) Loes. (CELASTRACEAE) *Mpayaya*
Nephelium lappaceum L. (SAPINDACEAE) *Mshokishoki*
Ocimum suave Willd. (LAMIACEAE) *Mtuliya*
Oxygonum sinuatum Bak. (POLYGONACEAE) *Mbigili*
Ozoroa insignis Del. (ANACARDIACEAE) *Mzimya*
Pancovia holtzii Gilg ex Radek. (SAPINDACEAE) *Mmamoto*
Pancovia holtzii Gilg. (SAPINDACEAE) *Mviruviru*
Pandanus kirkii Rendle (PANDANACEAE) *Mkadi*
Panicum maximum Jacq. (POACEAE) *Mbaya(ya)*
Panicum trichocladum Hack. ex K. Schum. (POACEAE) *Ukoka*
Paullinia pinnata L. (SAPINDACEAE) *Mtambukachonga*
Pavetta crebrifolia Hiern. (RUBIACEAE) *Mfyodo*
Pemphis acidula Forsk. (LYTARICACEAE) *Kiyayambapwa*

- Pennisetum purpureum* Schumach. (POACEAE) *Gugu*
Phyllanthus welwitschianus Muell. var. *beillei* (Hutch.) A.R.-Sm (EUPHORBIACEAE)
Mvaliyanyuma
Phymatodes scolopendria (L.) Hitch. (POLYPODIACEAE) *Mchani*
Plectranthus sp. (LAMIACEAE) *Muviza*
Plumeria rubra L. (APOCYNACEAE) *Mfurutangi*
Polysphaeria parvifolia Hiern (RUBIACEAE) *Mchengelevu*
Premna obtusifolia R. Br. (VERBENACEAE) *Mchokoyo*
Psiadia punctulata (DC.) Vatke (ASTERACEAE) *Mpepe*, also *Kipepe*
Psidium guajava L. (MYRTACEAE) *Mvumasimba*
Psychotria sp. (RUBIACEAE) *Mlyaphaya*, *Mpepevizuyu* healer's name
Pteridium aquilinum (L.) Kuhn. (POLYPODIACEAE) *Uzingwi*
Rhizophora mucronata Lam. (RHIZOPHORACEAE) *Mkandaya*
Rhus longipes Engl. (ANACARDIACEAE) *Mchengele*
Rhus natalensis Bern. (ANACARDIACEAE) *Mchungwi*
Rhynchosia sp. (FABACEAE) *Mbayakhima*
Rhytachne rottboellioides Desv. ex Ham. (POACEAE) *Mkangaga*
Saba florida (Benth.) Bullock (APOCYNACEAE) *Mbungo*
Salacia madagascariensis (Lam.) Dc. (CELASTRACEAE) *Mkakakhe*
Sansevieria zanzibarica G. & L. (AGAVACEAE) *Mchwalili*
Sclerocarya caffra Sond. (ANACARDIACEAE) *Mng'ongo*
Securinega virosa (Roxb. ex Willd.) Baill. (EUPHORBIACEAE) *Mkwambamaji*,
Mpukusaumati
Sida acuta Burm. f. (MALVACEAE) *Mwijuvi*
Sideroxylon inerme L. (SAPOTACEAE) *Mtundang'ombe*
Smilax kraussiana Meisn. (SMILACACEAE) *Mkekewa*
Solanum incanum Ruiz & Pav. (SOLONACEAE) *Mtunguja*
Sonchus oleraceus L. (ASTERACEAE) *Mchungwa kayale*
Sonneratia alba Smith. (SONNERATIACEAE) *Mlilana*
Sorindeia madagascariensis Thouars ex DC. (ANACARDIACEAE) *Mpilivili*
Stachytarpheta angustifolia (Mill.) Vahl (VERBENACEAE) *Kikwayakwaya*
Stenotaphrum dimidiatum (L) Brongn. (POACEAE) *Mpembaglass*
Sterculia africana (Lour.) Fiori (STERCULACEAE) *Mparamsi*
Strychnos mitis S. Moore (LOGANIACEAE) *Mlyanunga*
Suregada zanzibariensis (Baill.) Muell. (EUPHORBIACEAE) *Mdimu msitu*
Synaptolepis kirkii Oliv. (THYMELAECEAE) *Mbibikhuyu*
Syzygium cordatum Hochst. (MYRTACEAE) *Mzambarau*
Tephrosia noctiflora Bak. (FABACEAE) *Utupa*
Tephrosia purpurea (L.) Pers. (FABACEAE) *Mbayazi uwanda*
Terminalia catappa L. (COMBRETACEAE) *Mkunguphwa*

Toddalia asiatica Lam. (RUTACEAE) *Mnanuzi, Mnywa*
 Tragia brevipes Pax. (EUPHORBIACEAE) *Weni*
 Trema orientalis (L.) Bl. (ULMACEAE) *Mpesu*
 Trichilia roka (Forsk.) Chiov. (MELIACEAE) *Mgolemaji*
 Triumphetta sp. (TILIACEAE) *Mfyoyo*
 Uvaria acuminata Oliv. (ANNONACEAE) *Mchakuzi*
 Waltheria indica L. (STERCULACEAE) *Kipayakazi*
 Vernonia colorata (Willd.) Drake (ASTERACEAE) *Mtukutu, Mvumbaphaka*
 Vigna frutescens A. Rich. (FABACEAE) *Mkunde bara*
 Vigna pubescens R. Wilczek (FABACEAE) *Upupu*
 Vitex doniana Sweet (VERBENACEAE) *Mfuru*
 Vitex payos (Lour.) Merr. (VERBENACEAE) *Mkunjuphelele*
 Xylothea tettensis (Klot.) Gilg. (FLACOURTIACEAE) *Mtundamaguu*
 Ziziphus abyssinnica A. Rich. (RHAMNACEAE) *Mkunazi*
 Ziziphus mucronata Willd. (RHAMNACEAE) *Mchungwi*

APPENDIX C — BOTANICAL INDEX (2)

Abrus precatorius L. (FABACEAE) *Kangauchawi, Kikwajuzi, Macho ya tipitipi, Mchechephwa, Mdicho wa fufu, Mkangauchawi, Mlazalaza, Mongaluchi, Motipitipi, Mpirikichi, Mpotopoto, Mshtakanga, Nyambo*
 Acalypha fruticosa Forssk. (EUPHORBIACEAE) *Gonasokola, Mahacha, Mchacha, Mchezanaphaka, Mnukovuda*
 Achyranthes aspera L. (AMARANTHACEAE) *Mshikahanye, Mzalianyuma, Pulule, Shikahanye, Turura*
 Acridocarpus zanzibaricus A. Joss. (MALPIGHIACEAE) *Mkende wa paka, Mpindipindi, Mwendausiku*
 Adenia cissampeloides (Planch. ex Hook.) Harms (PASSIFLORACEAE) *Mgorowezi, Ngoli*
 Ageratum conyzoides L. (ASTERACEAE) *Kimavi cha khuku, Kimavi cha kuku, Kundambara, Mbeumbeu*
 Albizia gummifera (J.F. Gmel.) C.A. Smith (FABACEAE) *Mchanimbawa, Mchapiatumbili, Mwozeakichwani*
 Aloe sp. (LILIACEAE) *Ganga, Mshubiri, Msubili, Mzimakilio, Zumulo*
 Aloe massawana Reynold. (LILIACEAE) *Mshubirimani*
 Annona reticulata L. (ANNONACEAE) *Mstafeli wa ajem, Mtomoka*
 Annona senegalensis Pers. (ANNONACEAE) *Mbokwe, Mkwe, Mtopetope*
 Annona squamosa L. (ANNONACEAE) *Konokono, Mkwemanga*
 Antidesma membranaceum Muell. Arg. (EUPHORBIACEAE) *Mkadamshamba,*

Mziwaziwa

- Antidesma venosum E. Mey. ex Tul. (EUPHORBIACEAE) *Mbua ya nuno, Msasuzi, Msuaga, Mswaga, Musaga, Mwinamia ziwa, Mziwaziwa*
- Asparagus falcatus L. (LILIACEAE) **Mchangochango**, *Mlabanga, Mwinikanguru, Mwinikanjovu, Mwinyikanjovu*
- Asystasia gangetica (L.) T. Anderson (ACANTHACEAE) *Kichwamangwo, Mvunjafuti*
- Avicennia marina (Forsk.) Vierh. (AVICENNIACEAE) **Mchu**, *Mchui, Muyayamba*
- Azadirachta indica Adr. Juss. (MELIACEAE) *Mkilifi, Mzamda, Mzamnda*
- Blighia unijugata Bak. (SAPINDACEAE) **Mkivuli**, *Mwakamwatu*
- Bridelia cathartica G. Bertol. (EUPHORBIACEAE) *Mhina mwitu, Mkaaga, Mkaati, Mkwambamaji, Mnembenembe*
- Bridelia micrantha (Hochst.) Bail. (EUPHORBIACEAE) *Mkarakala, Mkarati, Mkayati, Mwiza, Nkarati*
- Bruguiera gymnorrhiza (L.) Lam. (RHIZOPHORACEAE) **Mkifu, Mkokho, Mkocho, Mshinzi, Muwi, Mwia**
- Cajanus cajan (L.) Millsp. (FABACEAE) *Dhal, Mbaazi, Mbanzi, Mbayazi, Muumbuzi wa bara*
- Canthium sp. (RUBIACEAE) **Mfupapo**
- Canthium bibracteatum (Baker) Hiern (RUBIACEAE) *Mchokoo, Mchokoyo msitu*
- Canthium pallidum (K. Schum.) Bullock (RUBIACEAE) *Kifuwahe, Mfupapo, Mtemachui*
- Capparis tomentosa Lam. (CAPPARACEAE) **Mbakhuzi**, *Mkongachare, Mkozi, Mkwangwachale, Mkwangwachare, Mwa(a)ka*
- Cassia afrofistula Brenan (FABACEAE) **Mpinga**, *Mpingawaume, Muumbuzi*
- Cassia occidentalis L. (FABACEAE) *Kunde nyika, Mbayazi, Mkengajua, Mnukauvundo, Mnyafungo, Muumbuzi, Mwingajini*
- Cassythia filiformis L. (OLEACEAE) *Mlangamia, Mlangamia wa bara, Mlyangamia*
- Cissus integrifolia (Bak.) Planch (VITACEAE) *Kiviza, Mgole, Mkumakuma, Mwengelea*
- Cissus rotundifolia (Forssk.) Vahl. (VITACEAE) **Mcha(y)azi**, *Mchazi, Mza, Oza, Reza/ma-*
- Citrus aurantifolia (Christm.) Swingle (RUTACEAE) **Mdimu, Mfuja, Mdimu mkali, Mdimu muskati, Mndimu**
- Clausena anisata (Willd.) Hook. f. ex Benth. (RUTACEAE) *Mchofu, Mjavikali, Mlakikali, Muyuyakikali, Mvuje, Mvujemani, Mwakikali*
- Cleome spinosa (Boj.) Oliv. (CAPPARACEAE) **Mvunjakhondo**

- Cleome strigosa* (Boj.) Oliv. (CAPPARACEAE) *Mwaangu, Mwangani*
- Clerodendrum glabrum* E. Mey. (VERBENACEAE) *Kijiti cha mchangani, Muukaphwi*
- Colubrina asiatica* (L.) Brongn. (RHAMNACEAE) *Mfuo, Mfuu, Msuko*
- Commelina africana* Mirb. (COMMELINACEAE) *Kolyani, Mkongwa*
- Commelina* sp. *Mkongwa*
- Commiphora* sp. (BURSERACEAE) *Muyabapa, Mwambamji*
- Commiphora africana* (A. Rich) Engl. (BURSERACEAE) *Mbambara, Mbarambara, Mkororo, Mlororo*
- Commiphora lindensis* Engl. (BURSERACEAE) *Mkuruvitu muyume, Mpindambavu*
- Commiphora pteleifolia* Engl. (BURSERACEAE) *Mwambamji*
- Croton pseudopulchellus* Pax (EUPHORBIACEAE) *Mgeuka, Mkunapaa, Mmapwishi, Mpachu*
- Curcuma longa* L. (ZINGIBERACEAE) *Mmanjano, Manjano*
- Cussonia zimmermannii* Harms (ARALIACEAE) *Mtotwe, Mbomba maji, Mpapai mwitu*
- Cyperus* sp. (CYPERACEAE) *Muudi, Muudiudi*
- Cyperus articulatus* L. (CYPERACEAE) *Ndago*
- Cyperus papyrus* L. (CYPERACEAE) *Ndago mwitu, Njaanjaa*
- Cyperus rotundus* L. (CYPERACEAE) *Masinde*
- Cyperus tenax* Boeck. (CYPERACEAE) *Ndago kubwa*
- Cyphostemma* sp. (VITACEAE) *Mwendachafya*
- Cyphostemma adenocaulis* (Steud. ex A. Rich) Desc. ex Wild & R.B. Drumm. (VITACEAE) *Mwengele*
- Cyphostemma buchananii* (Planch.) Desc. ex Wild & R.B. Drumm. (VITACEAE) *Mchembeleya*
- Datura metel* L. (SOLONACEAE) *Mkangara, Mnanaha, Mnawha, Mranaha, Mranha*
- Deinbollia borbonica* Schaff. (SAPINDACEAE) *Mbwakabwaka, Mgongo, Mnamiakuzimu, Mwakamwaka, Mwambo*
- Desmodium genticum* (L.) DC. (FABACEAE) *Mgandaganda, Usigo, Zawadi ya muungoni*
- Dichrostachys cinerea* (L.) Wight & Arn. (FABACEAE) *Kivunjajembe, Mfunga nyumba, Mgunga, Mkingili, Mkingiri, Mkulajembe, Mugunga*
- Dioscorea zanzibarica* Pax. (DIOSCOREACEAE) *Mchochoni, Ndiga*
- Diospyros mespiliformis* Hochst. ex A. DC. (EBENACEAE) *Mkayaga, Mpweke*
- Dombeya cincinnata* K. Schum. (STERCULACEAE) *Mbuyukuku, Msinduzi, Mwoza*
- Ehretia petiolaris* Lam. (BIGNONIACEAE) *Mbunduki, Mpanda jongoo*

- Eleusine indica* (L.) Gaertn. (RUTACEAE) *Kifungambuzi*, ***Kisinde***, *Malulu*
Emilia sagittata DC. (ASTERACEAE) ***Kilemba cha bwana***
Erythrina abyssinica Lam. ex DC. (FABACEAE) ***Mjafari***, *Mjafari*, *Mlungu*
Euclea natalensis A. DC. (EBENACEAE) *Mdaa mke*, ***Msiliza***, ***Mtundamabwe***,
Muviza, ***Mvuvuru***, *Wiza*
Euclea schimperi (A. DC.) Dandy (EBENACEAE) ***Mchangachanga***, *Msiliza*,
Mwiza
Euphorbia hirta L. (EUPHORBIACEAE) ***Kikanjo***, *Kinywele*, *Kitadali*,
Kitapiaroho, *Mwache*, *Mziwaziwa*
Euphorbia tirucalli L. (EUPHORBIACEAE) *Chakaazi*, *Manyara*, *Mchakazi*,
Mgovu, *Mnyara*, *Mwasi*
Ficus natalensis Hochst. (MORACEAE) *Arabi*, *Mlandege*, ***Mlyandege***
Ficus sansibarica Warb. (MORACEAE) ***Muyabapwa***
Flacourtia indica (Burm) f. Merr. (FLACOURTIACEAE) ***Mcherewa***,
Mchongoma, ***Mchongoma mwekundu***, ***Mchongoma mweupe***, *Mgo*
Gloriosa superba L. (LILIACEAE) ***Kimanjanouchawi***, *Mkalamu*
Gonatopus boivinii (Decne.) Engl. (ARALIACEAE) ***Mkunjuyu***, *Mnyokanyoka*,
Uwanga dume, *Wanga dume*
Grewia bicolor Juss. (TILIACEAE) *Mfukufuku*, ***Mkole***, *Mkone*
Grewia microcarpa K. Schum. (TILIACEAE) *Mkole*
Gynandropsis gynandra (L.) Briq. (CAPPARACEAE) *Mchicha*, *Mkabilishamshi*,
Mkabilishemsi, *Mkabirishamshi*
Gynandropsis gynandra (L.) Briq. (CAPPARACEAE) *Mwanga*, *Mwanganazi*,
Mwangenazi
Haplocoelum inopleum Radtk. (SAPINDACEAE) *Mchumbi*, *Mfungatanzu*,
Mvunjashoka
Hibiscus surratensis L. (MALVACEAE) *Mleawatoto*, *Mnyamata*, ***Mnyambura***
(mapumbu), *Mpapurapumbu*
Landolphia florida Benth. (APOCYNACEAE) ***Mbungo***, *Mhungu*, *Mkombwe*,
Mkwakwa, *Mpira*, *Ukombe*
Landolphia kirkii Dyer (APOCYNACEAE) *Mkilungwana*, *Mpira*, *Mpo*, *Mpyo*,
Mtowe
Lanea stuhlmannii (Engl.) Kokwaro (ANACARDIACEAE) ***Mng'ongo***, *Mongo*,
Muyumbu, *Mvure*
Lantana camara L. (VERBENACEAE) *Haung'ong'wa*, *Kinuko*,
Mhang'ong'wa, ***Mzunguzungu***
Lecaniodiscus fraxinifolius Baker (SAPINDACEAE) ***Mbuwamwaka***, *Mbwewe*,
Mkunguma
Leucas sp. (LAMIACEAE) *Mchakati*, ***Mkuju***
Leucas mollis Baker (LAMIACEAE) ***Mkuyausiku***

- Luffa cylindrica* L. M. Roem. (CUCURBITACEAE) ***Mtango khima***
- Maerua angolensis* (DC.) (CAPPARACEAE) ***Mvunjashoka***, *Mlalambuzi*
- Maytenus senegalensis* (Lam.) Exell. (CELASTRACEAE) ***Mbuwamwaka***,
Mdunga ndewe, ***Mkivundo***, *Mnyaonyao*, ***Muhariri***
- Mimosa pudica* L. (FABACEAE) *Kifauwongo*, ***Kifyauwongo***
- Monanthotaxis formicata* (Baill.) Verac. (ANNONACEAE) ***Mchofu***
- Moringa oleifera* Lam. (MORINGACEAE) ***Mronge***, *Mrongo*
- Morus alba* L. (MORACEAE) ***Mfarafaji***, *Mforosadi*, *Mforsadi*, *Mfurusadi*,
Mlobe
- Nephelium lappaceum* L. (SAPINDACEAE) ***Mshokishoki***
- Ocimum suave* Willd. (LAMIACEAE) ***Mtuliya***, *Mvumba kuu*, *Mvumbasi*,
Nrihani
- Oxygonum sinuatum* Bak. (POLYGONACEAE) ***Mbigili***, *Mbingili*, *Mbingiri*
- Ozoroa insignis* Del. (ANACARDIACEAE) *Mwaalika*, ***Mzimya***
- Pandanus* sp. (PANDANACEAE) *Mkadi*, *Mkadi dume*
- Pandanus kirkii* Rendle (PANDANACEAE) ***Mkadi***, *Msanaka*
- Panicum maximum* Jacq. (POACEAE) *Inde*, ***Mbaya(ya)***
- Panicum trichocladum* Hack. ex K. Schum. (POACEAE) *Mkoko*, ***Ukoka***
- Pemphis acidula* Forsk. (LYTARICACEAE) ***Kiyayambapwa***, *Mkaa jabali*,
Mkaajabali, *Mwatuwaive*, *Nnyanuwa*
- Plumeria rubra* L. (APOCYNACEAE) *Mbono wa Kizungu*, ***Mfurutangi***
- Polysphaeria parvifolia* Hiern (RUBIACEAE) ***Mchengelevu***, *Mgudi*, *Mkanja*,
Mlapaa, *Msamisami*
- Psidium guajava* L. (MYRTACEAE) *Mpera*, ***Mvumasimba***
- Psychotria* sp. (RUBIACEAE) ***Mlyaphaya***, ***Mpepevizuyu***, *Mzikozi*
- Pteridium aquilinum* (L.) Kuhn. (POLYPODIACEAE) ***Uzingwi***, *Mjimbi*
- Rhizophora mucronata* Lam. (RHIZOPHORACEAE) *Mkaka*, ***Mkandaya***,
Msinzi
- Saba florida* (Benth.) Bullock (APOCYNACEAE) ***Mbungo***
- Salacia madagascariensis* (Lam.) Dc. (CELASTRACEAE) ***Mkakakhe***, *Mpwipwi*
- Sclerocarya caffra* Sond. (ANACARDIACEAE) *Mgongo*, ***Mng'ongo***,
Mugongo, *Mungango*
- Securinega virosa* (Roxb. ex Willd.) Baill. (EUPHORBIACEAE) *Mkwamba*,
Mkwamba maji, ***Mkwambamaji***, ***Mpukusaumati***
- Sida acuta* Burm. f. (MALVACEAE) *Jagio*, *Mfagio*, *Mfyagio wa zamani*,
Mwijuvi, *Ufyagio*
- Smilax kraussiana* Meisn. (SMILACACEAE) ***Mkekewa***, *Mkwanguchare*
- Sonchus oleraceus* L. (ASTERACEAE) ***Mchungwa kayale***, *Shungapwapwa*,
Sunga pwapwa

- Sonneratia alba* Smith. (SONNERATIACEAE) *Mkoko mpiya, Mlana, Mliana, Milana*
- Sorindeia madagascariensis* Thouars ex DC. (ANACARDIACEAE) *Mhilihili, Mhulihuli, Mpilipili, Mpilipili khubwa, Mpilipili mkubwa, Mpilivili, Nkunguma*
- Sorindeia* sp. sp. (ANACARDIACEAE) *Mpiripiri*
- Stenotaphrum dimidiatum* (L) Brongn. (POACEAE) *Gomba kanzu, Mbambak(h)angu, Mgamba, Mkandaya, Mpembaglass*
- Sterculia africana* (Lour.) Fiori (STERCULACEAE) *Mgoza, Morya, Mparamsi, Ngoro*
- Strychnos mitis* S. Moore (LOGANIACEAE) *Mlyanunga, Mwangajini mdogo*
- Suregada zanzibariensis* (Baill.) Muell. (EUPHORBIACEAE) *Mdimu chaka, Mdimu msitu*
- Synaptolepis kirkii* Oliv. (THYMELAECEAE) *Mahari ya paka, Mbibikhuyu, Mkatu*
- Syzygium cordatum* Hochst. (MYRTACEAE) *Myamayu, Mzambarau*
- Tephrosia* sp. (FABACEAE) *Kundikundi, Utupa*
- Tephrosia noctiflora* Bak. (FABACEAE) *Utupa*
- Tephrosia purpurea* (L.) Pers. (FABACEAE) *Mbayazi uwanda*
- Terminalia catappa* L. (COMBRETACEAE) *Mkungu, Mkunguphwa*
- Toddalia asiatica* Lam. (RUTACEAE) *Mdakakomba, Mnanuzi, Mnywa*
- Tragia* sp. (EUPHORBIACEAE) *Motomoto, Msese, Wavi*
- Tragia brevipes* Pax. (EUPHORBIACEAE) *Mavi ya nyanya, Weni*
- Trichilia roka* (Forsk.) Chiov. (MELIACEAE) *Mgolemaji, Mkungwina, Mnamaji, Mtimaji*
- Uvaria* sp. (ANNONACEAE) *Mlangilangi*
- Uvaria acuminata* Oliv. (ANNONACEAE) *Mchakuzi, Mchofu, Mgweni, Mwaacha*
- Waltheria indica* L. (STERCULACEAE) *Kipayakazi, Mashikio ya nguruwe, Mchokochole dume, Mkone*
- Vernonia colorata* (Willd.) Drake (ASTERACEAE) *Mtukutu, Mvumbaphaka*
- Vigna* sp. (FABACEAE) *Kunde mabaya*
- Vigna frutescens* A. Rich. (FABACEAE) *Mkunde bara*
- Vigna pubescens* R. Wilczek (FABACEAE) *Upupu*
- Vitex payos* (Lour.) Merr. (VERBENACEAE) *Mfudu, Mkunjuphelele*
- Xylothea tettensis* (Klot.) Gilg. (FLACOURTIACEAE) *Mchekachaka, Mtundamaguu*
- Ziziphus abyssinica* A. Rich. (RHAMNACEAE) *Mkunazi*
- Ziziphus mucronata* Willd. (RHAMNACEAE) *Mchungwi, Mkunazi*