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## APPENDIX A

### PLANT SPECIES CHECKLIST

The following species were recorded within the study area during the data collection phase of the study. This list contains 846 species represented by 114 families. Taxonomic names conform to those of Germishuizen & Meyer (2003).

## Pteridophyta

### ANEMIACEAE

*Anemia simii* Tardieu

### DENNSTAEDTIACEAE

*Pteridium aquilinum* (L.) Kuhn

### EQUISETACEAE

*Equisetum ramosissimum* Desf.

### PTERIDACEAE

*Cheilanthes involuta* (Sw.) Schelpe & N.C. Anthony

*Pellaea calomelanos* (Sw.) Link var. *calomelanos*

### SELAGINELLACEAE

*Selaginella dregei* (C.Presl) Hieron.

### THELYPTERIDACEAE

*Christella guenziana* (Mett.) Holttum

*Pneumatopteris unita* (Kunze) Holttum

*Thelypteris confluens* (Thunb.) Morton

## Gymnosperms

### CUPRESSACEAE

*Widdringtonia nodiflora* (L.) Powrie

### PODOCARPACEAE

*Podocarpus falcatus* (Thunb.) R.Br. ex Mirb.

*Podocarpus latifolius* (Thunb.) R.Br. ex Mirb.

## Dicotyledons

### ACANTHACEAE

*Asystasia schimperi* T.Anderson

*Barleria affinis* C.B.Clarke

*Barleria crossandriiformis* C.B.Clarke

*Barleria elegans* S.Moore ex C.B.Clarke

*Barleria gueinzii* Sond.

*Barleria obtusa* Nees

*Barleria ovata* E.Mey. ex Nees

*Barleria pretoriensis* C.B.Clarke

*Barleria rotundifolia* Oberm.

*Barleria saxatilis* Oberm.

*Barleria* species

*Barleria wilmsiana* Lindau

*Blepharis aspera* Oberm.

*Blepharis diversispina* (Nees) C.B.Clarke

*Blepharis integrifolia* (L.f.) E.Mey. ex Schinz

*Blepharis* species

*Blepharis subvolubilis* C.B.Clarke

*Crabbea acaulis* N.E.Br.  
*Crabbea angustifolia* Nees  
*Crabbea nana* Nees  
*Crabbea velutina* S.Moore  
*Dicliptera heterostegia* C.Presl ex Nees  
*Dyschoriste transvaalensis* C.B.Clarke  
*Hypoestes forskaolii* (Vahl) R.Br.  
*Hypoestes triflora* (Forssk.) Roem. & Schult.  
*Isoglossa grantii* C.B.Clarke  
*Isoglossa hypoestiflora* Lindau  
*Justicia anagalloides* (Nees) T.Anderson  
*Justicia betonica* L.  
*Justicia flava* (Vahl) Vahl  
*Justicia montis-salinarum* A.Meeuse  
*Justicia odora* (Forssk.) Vahl  
*Lepidagathis scabra* C.B.Clarke  
*Monechma divaricatum* (Nees) C.B.Clarke  
*Rhinacanthus xerophilus* A.Meeuse  
*Ruspolia hypocrateriformis* (Vahl) Milne-Redh. var. *australis*  
*Ruttya ovata* Harv.  
*Ruttya* X *Ruspolia*  
*Sclerochiton harveyanus* Nees  
*Sclerochiton ilicifolius* A.Meeuse  
*Thunbergia atriplicifolia* E.Mey. ex Nees

#### AMARANTHACEAE

*Achyranthes aspera* L.  
*Alternanthera pungens* Humb., Bonpl. & Kunth  
*Cyathula orthacantha* (Hochst. ex Asch.) Schinz  
*Gomphrena celosioides* Mart.  
*Hermbstaedtia linearis* Schinz  
*Kyphocarpa angustifolia* (Moq.) Lopr.

*Pupalia lappacea* (L.) A.Juss. var. *lappacea*

*Sericocoma avolans* Fenzl

#### ANACARDIACEAE

*Lannea discolor* (Sond.) Engl.

*Lannea schweinfurthii* (Engl.) Engl. var. *stuhlmannii* (Engl.)

*Ozoroa paniculosa* (Sond.) R.& A.Fern. var. *salicina* (Sond.)

*Rhus chirindensis* Baker f.

*Rhus gueinzii* Sond.

*Rhus lancea* L.f.

*Rhus leptodictya* Diels

*Rhus lucida* L.

*Rhus magalismontana* Sond. subsp. *coddii* (R.& A.Fern.) Moffett

*Rhus pentheri* Zahlbr.

*Rhus pyroides* Burch.

*Rhus rehmanniana* Engl. var. *glabrata* (Sond.) Moffett

*Rhus rigida* Mill. var. *rigida*

*Rhus tumulicola* S.Moore var. *meeuseana* (R.& A.Fern.) Moffett

*Sclerocarya birrea* (A.Rich.) Hochst. subsp. *caffra* (Sond.) Kok

#### ANNONACEAE

*Artabotrys brachypetalus* Benth.

*Artabotrys monteiroae* Oliv.

*Hexalobus monopetalus* (A.Rich.) Engl. & Diels var. *monopetalus*

#### APIACEAE

*Centella glabrata* L.

*Heteromorpha arborescens* (Spreng.) Cham. & Schltdl. var. *abyssinica*

*Steganotaenia araliacea* Hochst. var. *araliaceae*

#### APOCYNACEAE

*Acokanthera oppositifolia* (Lam.) Codd

*Acokanthera* species

*Ancylobotrys capensis* (Oliv.) Pichon

*Ancylobotrys petersiana* (Klotzsch) Pierre  
*Carissa bispinosa* (L.) Desf. ex Brenan subsp. *zambesiensis* Kup  
*Carissa edulis* Vahl  
*Ceropegia* species  
*Cryptolepis cryptolepioides* (Schltr.) Bullock  
*Diplorhynchus condylocarpon* (Müll.Arg.) Pichon  
*Gomphocarpus tomentosus* Burch. subsp. *tomentosus*  
*Landolphia kirkii* Dyer  
*Raphionacme procumbens* Schltr.  
*Sarcostemma viminale* (L.) R.Br.  
*Secamone parvifolia* (Oliv.) Bullock  
*Stapelia gettliffei* R.Pott  
*Stapelia gigantea* N.E.Br.  
*Stapelia hirsuta* L.  
*Strophanthus speciosus* (Ward & Harv.) Reber  
*Wrightia natalensis* Stapf

#### AQUIFOLIACEAE

*Ilex mitis* (L.) Radlk. var. *mitis*

#### ARALIACEAE

*Cussonia natalensis* Sond.  
*Cussonia spicata* Thunb.  
*Cussonia transvaalensis* Reyneke  
*Schefflera umbellifera* (Sond.) Baill.

#### ASTERACEAE

*Acanthospermum* species  
*Arctotis* species  
*Berkheya insignis* (Harv.) Thell.  
*Berkheya zeyheri* (Sond. & Harv.) Oliv. & Hiern  
*Bidens bipinnata* L.  
*Bidens biternata* (Lour.) Merr. & Sherff  
*Bidens pilosa* L.

*Blainvillea gayana* Cass.  
*Brachylaena discolor* DC.  
*Brachylaena huillensis* O.Hoffm.  
*Cineraria parvifolia* Burt Davy  
*Cineraria* species  
*Dicoma anomala* Sond.  
*Dicoma galpinii* Wilson  
*Dicoma montana* Schweick.  
*Dicoma schinzii* O.Hoffm.  
*Dicoma* species  
*Dicoma tomentosa* Cass.  
*Emilia transvaalensis* (Bulus) C.Jeffrey  
*Felicia clavipilosa* Grau  
*Felicia muricata* (Thunb.) Nees  
*Gerbera jamesonii* Bolus ex Adlam  
*Helichrysum argyrosphaerum* DC.  
*Helichrysum cephaloideum* DC.  
*Helichrysum cerastioides* DC.  
*Helichrysum griseum* Sond.  
*Helichrysum harveyanum* Wild  
*Helichrysum kraussii* Sch.Bip.  
*Helichrysum nudifolium* (L.) Less. var. *nudifolium*  
*Helichrysum nudifolium* (L.) Less. var. *pilosellum* (L.f.) Beentjie  
*Helichrysum retortum* (L.) Willd.  
*Helichrysum setosum* Harv.  
*Hirpicium* species  
*Kleinia longiflora* DC.  
*Lopholaena festiva* Brusse  
*Philyrophyllum schinzii* O.Hoffm.  
*Pseudognaphalium luteo-album* (L.) Hilliard & B.L.Burt  
*Psiadia punctulata* (DC.) Oliv. & Hiern ex Vatke  
*Schistostephium crataegifolium* (DC.) Fenzl ex Harv.  
*Senecio barbertonicus* Klatt  
*Senecio coronatus* (Thunb.) Harv.



*Senecio erubescens* Aiton  
*Senecio gerrardii* Harv.  
*Senecio inornatus* DC.  
*Senecio isatideus* DC.  
*Senecio lydenburgensis* Hutch. & Burtt Davy  
*Senecio madagascariensis* Poir.  
*Senecio oxyriifolius* DC.  
*Senecio purpureus* L.  
*Senecio speciosus* Willd.  
*Senecio tamoides* DC.  
*Senecio thamathuensis* Hilliard  
*Senecio venosus* Harv.  
*Tarchonanthus camphoratus* L.  
*Tarchonanthus trilobus* DC. var. *galpinii* (Hutch. & E.Phillip  
*Ursinia nana* DC.  
*Vernonia capensis* (Houtt.) Druce  
*Vernonia centaureoides* Klatt  
*Vernonia fastigiata* Oliv. & Hiern  
*Vernonia glabra* (Steetz) Vatke  
*Vernonia natalensis* Sch.Bip. ex Walp.  
*Vernonia oligocephala* (DC.) Sch.Bip. ex Walp.  
*Vernonia steetziana* Oliv. & Hiern  
*Vernonia triflora* Bremek.

#### BALANITACEAE

*Balanites maughamii* Sprague subsp. *maughamii*  
*Balanites pedicellaris* Mildbr. & Schltr. subsp. *pedicellaris*

#### BIGNONIACEAE

*Catophractes alexandri* D.Don  
*Markhamia zanzibarica* (Bojer ex DC.) K.Schum.  
*Rhigozum obovatum* Burch.  
*Rhigozum zambesiicum* Baker  
*Tecoma capensis* (Thunb.) Lindl.



## BOMBACACEAE

*Adansonia digitata* L.

## BORAGINACEAE

*Cordia grandicalyx* Oberm.

*Cordia monoica* Roxb.

*Ehretia obtusifolia* Hochst. ex DC.

*Ehretia rigida* (Thunb.) Druce

*Heliotropium steudneri* Vatke

## BUDDLEJACEAE

*Buddleja saligna* Willd.

*Buddleja salviifolia* (L.) Lam.

*Nuxia floribunda* Benth.

## BURSERACEAE

*Commiphora africana* (A.Rich.) Engl. var. *africana*

*Commiphora glandulosa* Schinz

*Commiphora marlothii* Engl.

*Commiphora mollis* (Oliv.) Engl.

*Commiphora pyracanthoides* Engl.

*Commiphora schimperi* (O.Berg) Engl.

*Commiphora* species

*Commiphora tenuipetiolata* Engl.

*Commiphora viminea* Engl.

## CACTACEAE

*Opuntia ficus-indica* (L.) Mill.

## CAMPANULACEAE

*Wahlenbergia grandiflora* Brehmer

*Wahlenbergia undulata* (L.f.) A.DC.



## CAPPARACEAE

- Boscia albitrunca* (Burch.) Gilg & Gilg-Ben. var. *albitrunca*  
*Boscia foetida* Schinz subsp. *filipes* (Gilg) Lötter  
*Boscia foetida* Schinz subsp. *rehmanniana* (Pestal.) Toelken  
*Capparis fascicularis* DC. var. *fascicularis*  
*Capparis tomentosa* Lam.  
*Cleome angustifolia* Forssk. subsp. *petersiana* (Klotzsch ex Son  
*Cleome gynandra* L.  
*Cleome hirta* (Klotzsch) Oliv.  
*Cleome macrophylla* (Klotzsch) Briq. var. *macrophylla*  
*Cleome monophylla* L.  
*Maerua angolensis* DC.  
*Maerua cafra* (DC.) Pax  
*Maerua edulis* (Gilg & Gilg-Ben.) DeWolf  
*Maerua juncea* Pax subsp. *juncea*  
*Maerua parvifolia* Pax

## CARYOPHYLLACEAE

- Pollichia campestris* Aiton

## CELASTRACEAE

- Catha edulis* (Vahl) Forssk. ex Endl.  
*Elaeodendron croceum* (Thunb.) DC.  
*Elaeodendron transvaalense* (Burt Davy) R.H.Archer  
*Gymnosporia buxifolia* (L.) Szyszyl.  
*Gymnosporia mossambicensis* (Klotzsch) Loes.  
*Gymnosporia senegalensis* (Lam.) Loes.  
*Gymnosporia tenuispina* (Sond.) Szyszyl.  
*Loeseneriella crenata* (Klotzsch) N.Hallé  
*Maytenus acuminata* (L.f.) Loes. var. *acuminata*  
*Maytenus undata* (Thunb.) Blakelock  
*Myroxylon aethiopicum* (Thunb.) Loes. subsp. *aethiopicum*  
*Myroxylon aethiopicum* (Thunb.) Loes. subsp. *schlechteri*  
*Pristimera longipitiolata* (oliv.) N.Hallé

*Pterocelastrus echinatus* N.E.Br.

*Robsonodendron eucleiforme* (Eckl. & Zeyh.) R.H.Archer

*Salacia rehmannii* Schinz

#### CELTIDACEAE

*Celtis africana* Burm.f.

*Trema orientalis* (L.) Blume

#### CHENOPODIACEAE

*Chenopodium album* L.

#### CHRYSOBALANACEAE

*Parinari capensis* Harv. subsp. *capensis*

*Parinari curatellifolia* Planch. ex Benth.

#### CLUSIACEAE

*Garcinia livingstonei* T.Anderson

#### COMBRETACEAE

*Combretum apiculatum* Sond. subsp. *apiculatum*

*Combretum collinum* Fresen.

*Combretum hereroense* Schinz

*Combretum imberbe* Wawra

*Combretum kraussii* Hochst.

*Combretum moggii* Exell

*Combretum molle* R.Br. ex G.Don

*Combretum mossambicense* (Klotzsch) Engl.

*Combretum* species

*Combretum vendae* A.E.van Wyk

*Combretum zeyheri* Sond.

*Terminalia prunioides* M.A.Lawson

*Terminalia sericea* Burch. ex DC.

## CONVOLVULACEAE

- Convolvulus sagittatus* Thunb.  
*Evolvulus alsinoides* (L.) L.  
*Ipomoea adenioides* Schinz  
*Ipomoea albivenia* (Lindl.) Sweet  
*Ipomoea oblongata* E.Mey. ex Choisy  
*Ipomoea* species  
*Seddera suffruticosa* (Schinz) Hallier f.

## CORNACEAE

- Curtisia dentata* (Burm.f.) C.A.Sm.

## CRASSULACEAE

- Cotyledon barbeyi* Schweinf. ex Baker  
*Cotyledon orbiculata* L.  
*Crassula swaziensis* Schönland  
*Kalanchoe brachyloba* Welw. ex Britten  
*Kalanchoe crundallii* I. Verd.  
*Kalanchoe paniculata* Harv.  
*Kalanchoe sexangularis* N.E.Br. var. *sexangularis*

## CUCURBITACEAE

- Coccinia rehmannii* Cogn.  
*Coccinia sessilifolia* (Sond.) Cogn.  
*Kedrostis foetidissima* (Jacq.) Cogn.  
*Momordica* species

## DICHAPETALACEAE

- Dichapetalum cymosum* (Hook.) Engl.

## DIPSACACEAE

- Cephalaria pungens* Szabó  
*Scabiosa columbaria* L.

## EBENACEAE

- Diospyros lycioides* Desf. subsp. *guerkei* (Kuntze) De Winter  
*Diospyros lycioides* Desf. subsp. *sericea* (Bernh.) De Winter  
*Diospyros villosa* (L.) De Winter var. *parvifolia* (De Winter)  
*Diospyros whyteana* (Hiern) F.White  
*Euclea crispa* (Thunb.) Gürke subsp. *crispa*  
*Euclea divinorum* Hiern  
*Euclea linearis* Zeyh. ex Hiern  
*Euclea natalensis* A.DC. subsp. *angustifolia* F.White  
*Euclea natalensis* A.DC. subsp. *natalensis*  
*Euclea schimperi* (A.DC.) Dandy var. *schimperi*  
*Euclea undulata* Thunb.

## EUPHORBIACEAE

- Acalypha glabrata* Thunb.  
*Acalypha indica* L.  
*Acalypha* species  
*Androstachys johnsonii* Prain  
*Bridelia cathartica* Bertol.f.  
*Bridelia micrantha* (Hochst.) Baill.  
*Bridelia mollis* Hutch.  
*Clutia pulchella* L. var. *pulchella*  
*Croton gratissimus* Burch.  
*Croton megalobotrys* Müll.Arg.  
*Croton menyhartii* Pax  
*Croton pseudopulchellus* Pax  
*Croton sylvaticus* Hochst.  
*Dalechampia* species  
*Drypetes gerrardii* Hutch.  
*Erythrococca trichogyne* (Müll.Arg.) Prain  
*Euphorbia aeruginosa* Schweick.  
*Euphorbia confinalis* R.A.Dyer subsp. *confinalis*  
*Euphorbia cooperi* N.E.Br. ex A.Berger var. *cooperi*

*Euphorbia crotonoides* Boiss.  
*Euphorbia excelsa* A.C.White, R.A.Dyer & B.Sloane  
*Euphorbia griseola* Pax subsp. *griseola*  
*Euphorbia guerichiana* Pax  
*Euphorbia ingens* E.Mey. ex Boiss.  
*Euphorbia tirucalli* L.  
*Euphorbia zoutpansbergensis* R.A.Dyer  
*Flueggea virosa* (Roxb. ex Willd.) Voigt subsp. *virosa*  
*Jatropha schlechteri* Pax  
*Phyllanthus incurvus* Thunb.  
*Phyllanthus macranthus* Pax var. *macranthus*  
*Phyllanthus maderaspatensis* L.  
*Phyllanthus nummulariifolius* Poir. var. *nummulariifolius*  
*Phyllanthus parvulus* Sond. var. *garipensis* (E.Mey. ex Drège)  
*Phyllanthus pentandrus* Schumach. & Thonn.  
*Phyllanthus pinnatus* (Wight) G.L.Webster  
*Phyllanthus reticulatus* Poir. var. *reticulatus*  
*Pseudolachnostylis maprouneifolia* Pax  
*Spirostachys africana* Sond.  
*Suregada africana* (Sond.) Kuntze

## FABACEAE

*Acacia ataxacantha* DC.  
*Acacia burkei* Benth.  
*Acacia caffra* (Thunb.) Willd.  
*Acacia davyi* N.E.Br.  
*Acacia erioloba* E.Mey.  
*Acacia erubescens* Welw. ex Oliv.  
*Acacia gerrardii* Benth. var. *gerrardii*  
*Acacia karroo* Hayne  
*Acacia mellifera* (Vahl) Benth. subsp. *detinens* (Burch.) Brenan  
*Acacia nebrownii* Burtt Davy

*Acacia nigrescens* Oliv.  
*Acacia nilotica* (L.) Willd. ex Delile subsp. *kraussiana* (Benth)  
*Acacia permixta* Burtt Davy  
*Acacia rehmanniana* Schinz  
*Acacia robusta* Burch. subsp. *clavigera* (E.Mey.) Brenan  
*Acacia robusta* Burch. subsp. *robusta*  
*Acacia senegal* (L.) Willd. var. *rostrata* Brenan  
*Acacia sieberiana* DC. var. *woodii* (Burtt Davy) Keay & Brenan  
*Acacia* species  
*Acacia tortilis* (Forssk.) Hayne subsp. *heteracantha* (Burch.) B  
*Acacia welwitschii* Oliv. subsp. *delagoensis* (Harms) J.H.Ross &  
*Albizia adianthifolia* (Schumach.) W.Wight  
*Albizia anthelmintica* (A.Rich.) Brongn.  
*Albizia brevifolia* Schinz  
*Albizia harveyi* E.Fourn.  
*Albizia versicolor* Welw. ex Oliv.  
*Alistilus bechuanicus* N.E.Br.  
*Bolusanthus speciosus* (Bolus) Harms  
*Burkea africana* Hook.  
*Cassia abbreviata* Oliv. subsp. *beareana* (Holmes) Brenan  
*Chamaecrista absus* (L.) Irwin & Barneby  
*Chamaecrista mimosoides* (L.) Greene  
*Crotalaria capensis* Jacq.  
*Crotalaria laburnifolia* L.  
*Crotalaria lanceolata* E.Mey.  
*Crotalaria monteiroi* Taub. ex Baker f.  
*Crotalaria* species  
*Crotalaria sphaerocarpa* Perr. ex DC. subsp. *sphaerocarpa*  
*Dalbergia nitidula* Baker  
*Dichrostachys cinerea* (L.) Wight & Arn.  
*Dichrostachys cinerea* (L.) Wight & Arn. subsp. *africana* Brenan  
*Elephantorrhiza burkei* Benth.  
*Elephantorrhiza elephantina* (Burch.) Skeels  
*Erythrina lysistemon* Hutch.

*Erythrophleum africanum* (Welw. Ex Benth) Harms  
*Hoffmannseggia burchellii* (DC.) Benth. ex Oliv.  
*Indigofera adenoides* Baker f.  
*Indigofera circinnata* Benth. ex Harv.  
*Indigofera cryptantha* Benth. ex Harv. var. *cryptantha*  
*Indigofera hilaris* Eckl. & Zeyh.  
*Indigofera jucunda* Schrire  
*Indigofera lyalli* Baker subsp. *lyalli*  
*Indigofera rhytidocarpa* Benth. ex Harv.  
*Indigofera schimperi* Jaub. & Spach  
*Indigofera* species  
*Macrotyloma axillare* (E.Mey.) Verdc.  
*Mundulea sericea* (Willd.) A.Chev.  
*Ormocarpum trichocarpum* (Taub.) Engl.  
*Otoptera burchellii* DC.  
*Peltophorum africanum* Sond.  
*Philenoptera violacea* (Klotzsch) Schrire  
*Psoralea pinnata* L.  
*Pterocarpus angolensis* DC.  
*Pterocarpus rotundifolius* (Sond.) Druce subsp. *rotundifolius*  
*Pterolobium stellatum* (Forssk.) Brenan  
*Rhynchosia komatiensis* Harms  
*Rhynchosia monophylla* Schltr.  
*Rhynchosia nervosa* Benth. & Harv.  
*Rhynchosia sordida* (E.Mey.) Schinz  
*Rhynchosia vendae* C.H.Stirt.  
*Rhynchosia venulosa* (Hiern) K.Schum.  
*Schotia brachypetala* Sond.  
*Senna bicapsularis* (L.) Roxb.  
*Senna petersiana* (Bolle) Lock  
*Stylosanthes fruticosa* (Retz.) Alston  
*Tephrosia longipes* Meisn. subsp. *longipes*  
*Tephrosia macropoda* (E.Mey.) Harv.  
*Tephrosia purpurea* (L.) Pers.

*Xanthocercis zambsiaca* (Baker) Dumaz-le-Grand

*Zornia* species

#### FLACOURTIACEAE

*Dovyalis caffra* (Hook.f. & Harv.) Hook.f.

*Dovyalis rhamnoides* (Burch. ex DC.) Harv.

*Dovyalis zeyheri* (Sond.) Warb.

*Flacourtia indica* (Burm.f.) Merr.

*Kiggelaria africana* L.

*Oncoba spinosa* Forssk. subsp. *spinosa*

*Scolopia zeyheri* (Nees) Harv.

*Trimeria grandifolia* (Hochst.) Warb.

#### GENTIANACEAE

*Chironia palustris* Burch.

*Chironia purpurascens* (E.Mey.) Benth. & Hook.f.

#### GERANIACEAE

*Monsonia angustifolia* E.Mey. ex A.Rich.

#### GISEKIACEAE

*Gisekia africana* (Lour.) Kuntze

#### GUNNERACEAE

*Gunnera perpensa* L.

#### HAMAMELIDACEAE

*Trichocladus grandiflorus* Oliv.

#### HERNANDIACEAE

*Gyrocarpus americanus* Jacq. subsp. *africanus*

#### HETEROPYXIDACEAE

*Heteropyxis natalensis* Harv.



## HYPERICACEAE

*Hypericum aethiopicum* Thunb. subsp. *sonderi* (Bredell) N.Robson

*Hypericum lalandii* Choisy

## ICACINACEAE

*Apodytes dimidiata* E.Mey. ex Arn. subsp. *dimidiata*

*Kirkia acuminata* Oliv.

*Kirkia wilmsii* Engl.

*Pyrenacantha grandiflora* Baill.

## LAMIACEAE

*Becium angustifolium* (Benth.) N.E.Br.

*Becium filamentosum* (Forssk.) Chiov.

*Becium obovatum* (E.Mey. ex Benth.) N.E.Br. subsp. *obovatum*

*Clerodendrum glabrum* E.Mey. var. *glabrum*

*Clerodendrum makanjanum* H.J.P.Winkl.

*Endostemon tereticaulis* (Poir.) M.Ashby

*Leonotis ocymifolia* (Burm.f.) Iwarsson

*Leucas glabrata* (Vahl) Sm. var. *glabrata*

*Leucas sexdentata* Skan

*Ocimum gratissimum* L. subsp. *gratissimum* var. *gratissimum*

*Orthosiphon labiatus* N.E.Br.

*Plectranthus neochilus* Schltr.

*Rothea myricoides* (Hochst.) Steane & Mabb. sensu lato

*Tetradenia brevispicata* (N.E.Br.) Codd

*Tetradenia riparia* (Hochst.) Codd

*Tinnea rhodesiana* S.Moore

*Vitex mombassae* Vatke

*Vitex rehmannii* Gürke

## LAURACEAE

*Cryptocarya transvaalensis* Burtt Davy

*Ocotea kenyensis* (Chiov.) Robyns

LOBELIACEAE

*Cyphia angustifolia* Eckl. & Zeyh.

MAESACEAE

*Maesa lanceolata* Forssk.

MALPIGHIACEAE

*Sphedamnocarpus pruriens* (A.Juss.) Szyszyl.

MALVACEAE

*Abutilon angulatum* (Guill. & Perr.) Mast. var. *angulatum*

*Abutilon austro-africanum* Hochr.

*Abutilon grantii* A.Meeuse

*Abutilon guineense* (K.Schum.) Baker f. & Exell

*Abutilon* species

*Azanza garckeana* (F.Hoffm.) Exell & Hillc.

*Gossypium herbaceum* L. subsp. *africanum* (Watt) Vollesen

*Hibiscus calyphyllus* Cav.

*Hibiscus meyeri* Harv.

*Hibiscus micranthus* L.f. var. *micranthus*

*Hibiscus praeteritus* R.A.Dyer

*Hibiscus pusillus* Thunb.

*Hibiscus sidiformis* Baill.

*Hibiscus vitifolius* L.

*Pavonia dentata* Burt Davy

*Pavonia senegalensis* (Cav.) Leistner

*Sida alba* L.

*Sida cordifolia* L.

*Sida ovata* Forssk.

*Sida pseudocordifolia* Hochr.

MELASTOMATACEAE

*Dissotis canescens* (E.Mey. ex R.A.Graham) Hook.f.

*Dissotis princeps* (Kunth) Triana

#### MELIACEAE

*Ekebergia capensis* Sparrm.

*Ekebergia pterophylla* (C.DC.) Hofmeyr

*Entandrophragma caudatum* (Sprague) Sprague

*Trichilia dregeana* Sond.

*Trichilia emetica* Vahl

*Turraea obtusifolia* Hochst.

#### MESEMBRYANTHEMACEAE

*Khadia borealis* L.Bolus

#### MOLLUGINACEAE

*Corbichonia decumbens* (Forssk.) Exell

*Hypertelis salsoloides* (Burch.) Adamson

*Limeum fenestratum* (Fenzl) Heimerl

*Limeum sulcatum* (Klotzsch) Hutch.

*Limeum viscosum* (J.Gay) Fenzl

#### MONIMIACEAE

*Xymalos monospora* (Harv.) Baill.

#### MORACEAE

*Ficus abutilifolia* (Miq.) Miq.

*Ficus burkei* (Miq.) Miq.

*Ficus craterostoma* Warb. ex Mildbr. & Burret

*Ficus glumosa* (Miq.) Delile

*Ficus ingens* (Miq.) Miq. var. *ingens*

*Ficus natalensis* Hochst. subsp. *natalensis*

*Ficus sur* Forssk.

*Ficus sycomorus* L. subsp. *sycomorus*

*Ficus tettensis* Hutch.

MYRICACEAE

*Morella pilulifera* (Rendle) Killick

*Rapanea melanophloeos* (L.) Mez

MYROTHAMNACEAE

*Myrothamnus flabellifolius* Welw.

MYRSINACEAE

*Myrsine africana* L.

MYRTACEAE

*Eugenia natalitia* Sond.

*Eugenia woodii* Dummer

*Syzygium cordatum* Hochst.

*Syzygium gerrardii* (Harv. ex Hook.f.) Burtt Davy

*Syzygium legatii* Burtt Davy & Greenway

OCHNACEAE

*Ochna holstii* Engl.

*Ochna inermis* (Forssk.) Schweinf.

*Ochna natalitia* (Meisn.) Walp.

*Ochna pulchra* Hook.

OLACACEAE

*Olax dissitiflora* Oliv.

*Ximenia americana* L. var. *microphylla* Welw. ex Oliv.

*Ximenia caffra* Sond. var. *caffra*

OLEACEAE

*Chionanthus battiscombei* (Hutch.) Stearn

*Chionanthus foveolatus* (E.Mey.) Stearn

*Jasminum breviflorum* Harv. ex C.H.Wright

*Jasminum multipartitum* Hochst.

*Olea capensis* L. subsp. *enervis* (Harv. ex C.H.Wright) I.Verd.

*Olea capensis* L. subsp. *macrocarpa* (C.H.Wright) I.Verd.

*Olea europaea* L. subsp. *africana* (Mill.) P.S.Green

*Schrebera alata* (Hochst.) Welw.

#### OLINIACEAE

*Olinia emarginata* Burtt Davy

*Olinia rochetiana* Juss.

#### PASSIFLORACEAE

*Adenia digitata* (Harv.) Engl.

*Adenia repanda* (Burch.) Engl.

*Adenia spinosa* Burtt Davy

#### PEDALIACEAE

*Ceratotheca triloba* (Bernh.) Hook.f.

*Dicerocaryum eriocarpum* (Decne.) Abels

*Harpagophytum* species

*Pterodiscus* species

*Sesamothamnus lugardii* N.E.Br. ex Stapf

#### PITTOSPORACEAE

*Pittosporum viridiflorum* Sims

#### POLYGALACEAE

*Polygala gracilentata* Burtt Davy

*Polygala hottentotta* C.Presl

*Polygala uncinata* E.Mey. ex Meisn.

#### POLYGONACEAE

*Persicaria attenuata* (R.Br.) Soj k

*Persicaria decipiens* (R.Br.) Wilson

*Persicaria* species

#### PORTULACACEAE

*Anacampseros subnuda* Poelln. subsp. *subnuda*

*Avonia rhodesica* (N.E.Br.) G.D.Rowley

*Portulaca kermesina* N.E.Br.

*Portulaca pilosa* L.

*Portulaca quadrifida* L.

*Portulaca* species

*Portulacaria afra* Jacq.

*Talinum crispatum* Dinter ex Poelln.

#### PROTEACEAE

*Faurea saligna* Harv.

*Protea caffra* Meisn. subsp. *caffra*

*Protea roupelliae* Meisn. subsp. *roupelliae*

#### RHAMNACEAE

*Berchemia zeyheri* (Sond.) Grubov

*Phyllica burchellii* Pillans

*Rhamnus prinoides* L'Hér.

*Ziziphus mucronata* Willd. subsp. *mucronata*

*Ziziphus rivularis* Codd

#### RHIZOPHORACEAE

*Cassipourea malosana* (Bak.) Alston

#### ROSACEAE

*Prunus africana* (Hook.f.) Kalkman

*Rubus rigidus* Sm.

#### RUBIACEAE

*Agathisanthemum bojeri* Klotzsch subsp. *bojeri*

*Anthospermum hispidulum* E.Mey. ex Sond.

*Anthospermum welwitschii* Hiern

*Canthium ciliatum* (Klotzsch) Kuntze

*Canthium inerme* (L.f.) Kuntze

*Canthium mundianum* Cham. & Schltld.  
*Coddia rudis* (E.Mey. ex Harv.) Verdc.  
*Conostomium natalense* (Hochst.) Bremek.  
*Conostomium zoutpansbergense* (Bremek.) Bremek.  
*Coptosperma rhodesiacum* (Bremek.) Degreef  
*Coptosperma supra-axillare* (Hemsl.) Degreef  
*Fadogia homblei* De Wild.  
*Gardenia volkensii* K.Schum. subsp. *volkensii* var. *volkensii*  
*Hyperacanthus amoenus* (Sims) Bridson  
*Keetia gueinzii* (Sond.) Bridson  
*Lagynias dryadum* (S.Moore) Robyns  
*Oldenlandia herbacea* (L.) Roxb.  
*Otiophora calycophylla* (Sond.) Schltr. & K.Schum.  
*Oxyanthus speciosus* DC. subsp. *gerrardii* (Sond.) Bridson  
*Pachystigma bowkeri* Robyns  
*Pavetta eylesii* S.Moore  
*Pavetta gardeniifolia* A.Rich.  
*Pavetta schumanniana* F.Hoffm. ex K.Schum.  
*Pavetta trichardtensis* Bremek.  
*Pentanisia prunelloides* ssp. *prunelloides* (Klotzsch ex Eckl. & Zeyh.) Walp.  
*Plectroniella armata* (K.Schum.) Robyns  
*Psychotria capensis* (Eckl.) Vatke subsp. *capensis* var. *capensi*  
*Psydrax livida* (Hiern) Bridson  
*Psydrax locuples* (K.Schum.) Bridson  
*Pygmaeothamnus zeyheri* (Sond.) Robyns var. *zeyheri*  
*Pyrostria hystrix* (Bremek.) Bridson  
*Rothmannia capensis* Thunb.  
*Sericanthe andongensis* (Hiern) Robbr. var. *andongensis*  
*Spermacoce senensis* (Klotzsch) Hiern  
*Tricalysia capensis* (Meisn. ex Hochst.) Sim var. *capensis*  
*Tricalysia junodii* (Schinz) Brenan var. *kirkii* (Hook.f.) Rob  
*Vangueria infausta* Burch. subsp. *infausta*  
*Vangueria parvifolia* Sond.  
*Vangueria soutpansbergensis* N.Hahn

*Calodendrum capense* (L.f.) Thunb.  
*Clausena anisata* (Willd.) Hook.f. ex Benth. var. *anisata*  
*Oricia bachmannii* (Engl.) I. Verd.  
*Ptaeroxylon obliquum* (Thunb.) Radlk.  
*Toddaliopsis bremekampii* I. Verd.  
*Vepris lanceolata* (Lam.) G. Don  
*Vepris reflexa* I. Verd.  
*Zanthoxylum capense* (Thunb.) Harv.  
*Zanthoxylum davyi* (I. Verd.) P.G. Waterman

#### SALVADORACEAE

*Salvadora australis* Schweick.

#### SAPINDACEAE

*Allophylus africanus* P. B. Beauv. var. *africanus*  
*Cardiospermum halicacabum* L.  
*Pappea capensis* Eckl. & Zeyh.

#### SAPOTACEAE

*Englerophytum magalismsontanum* (Sond.) T.D. Penn.  
*Mimusops zeyheri* Sond.

#### SCROPHULARIACEAE

*Aptosimum lineare* Marloth & Engl.  
*Aptosimum patulum* Bremek.  
*Craterostigma* species  
*Halleria lucida* L.  
*Jamesbrittenia tenuifolia* (Bernh.) Hilliard

#### SOLANACEAE

*Lycium cinereum* Thunb. sensu lato  
*Lycium* species  
*Solanum catombelense* Peyr.  
*Solanum lichtensteinii* Wild.



- Solanum macrocarpon* L.  
*Solanum panduriforme* E.Mey.  
*Solanum tettense* Klotzsch var. *renschii* (Vatke) A.E.Gonc.  
*Solanum tomentosum* L. var. *coccinium* (Jacq.) Wild.

#### STERCULIACEAE

- Dombeya burgessiae* Gerrard ex Harv.  
*Dombeya rotundifolia* (Hochst.) Planch. var. *rotundifolia*  
*Hermannia boraginiflora* Hook.  
*Hermannia depressa* N.E.Br.  
*Hermannia grandiflora* Aiton  
*Hermannia grisea* Schinz.  
*Hermannia quartiniana* A.Rich.  
*Melhania forbesii* Planch. ex Mast.  
*Melhania prostrata* DC.  
*Melhania rehmannii* Szyszyl.  
*Sterculia rogersii* N.E.Br.  
*Waltheria indica* L.

#### STRYCHNACEAE

- Strychnos madagascariensis* Poir.  
*Strychnos pungens* Soler.  
*Strychnos spinosa* Lam.

#### THYMELAEACEAE

- Gnidia cuneata* Meisn.  
*Peddiea africana* Harv.

#### TILIACEAE

- Corchorus asplenifolius* Burch.  
*Corchorus confusus* Wild  
*Corchorus kirkii* N.E.Br.  
*Corchorus* species  
*Corchorus trilocularis* L.



*Grewia bicolor* Juss. var. *bicolor*  
*Grewia flava* DC.  
*Grewia flavescens* Juss.  
*Grewia hexamita* Burret  
*Grewia monticola* Sond.  
*Grewia occidentalis* L. var. *occidentalis*  
*Grewia retinervis* Burret  
*Grewia* species  
*Grewia subspathulata* N.E.Br.  
*Grewia villosa* Willd. var. *villosa*  
*Triumfetta pentandra* A.Rich.

#### TURNERACEAE

*Tricliceras schinzii* (Urb.) R.Fern.

#### URTICACEAE

*Obetia tenax* (N.E.Br.) Friis  
*Pouzolzia mixta* Solms  
*Urtica urens* L.

#### VERBENACEAE

*Lantana camara* L.  
*Lantana rugosa* Thunb.  
*Lippia javanica* (Burm.f.) Spreng.  
*Verbena bonariensis* L.

#### VISCACEAE

*Viscum rotundifolium* L.f.  
*Cissus cornifolia* (Baker) Planch.  
*Cyphostemma woodii* (Gilg & M.Brandt) Desc.  
*Rhoicissus revoilii* Planch.  
*Rhoicissus rhomboidea* (E.Mey. ex Harv.) Planch.  
*Rhoicissus* species  
*Rhoicissus tomentosa* (Lam.) Wild & R.B.Drumm.

*Rhoicissus tridentata* (L.f.) Wild & R.B.Drumm. subsp. *tridentata*

#### ZYGOPHYLLACEAE

*Tribulus terrestris* L.

*Tribulus zeyheri* Sond. subsp. *zeyheri*

## Monocotyledons

#### AMARYLLIDACEAE

*Boophone disticha* (L.f.) Herb.

*Scadoxus puniceus* (L.) Friis & Nordal

#### ARECACEAE

*Hyphaene petersiana* Klotzsch

#### ASPARAGACEAE

*Asparagus africanus* Lam.

*Asparagus asparagoides* (L.) W.Wight

*Asparagus bechuanicus* Baker

*Asparagus cooperi* Baker

*Asparagus exuvialis* Burch. forma *exuvialis*

*Asparagus falcatus* L.

*Asparagus laricinus* Burch.

*Asparagus racemosus* Willd.

*Asparagus setaceus* (Kunth) Jessop

*Asparagus suaveolens* Burch.

*Asparagus virgatus* Baker

#### ASPHODELACEAE

*Aloe angelica* Pole-Evans

*Aloe arborescens* Mill.

*Aloe chabaudii* Schönland var. *chabaudii*  
*Aloe globuligemma* Pole-Evans  
*Aloe greatheadii* Schönland var. *greatheadii*  
*Aloe littoralis* Baker  
*Aloe marlothii* A.Berger subsp. *marlothii*  
*Aloe spicata* L.f.  
*Kniphofia* species

#### COLCHICACEAE

*Androcymbium eucomoides* (Jacq.) Willd.

#### COMMELINACEAE

*Commelina africana* L. var. *lancispatha* C.B.Clarke  
*Commelina benghalensis* L.  
*Commelina erecta* L.  
*Cyanotis speciosa* (L.f.) Hassk.

#### CYPERACEAE

*Bulbostylis burchellii* (Ficalho & Hiern) C.B.Clarke  
*Bulbostylis contexta* (Nees) M.Bodard  
*Bulbostylis hispidula* (Vahl) R.W.Haines subsp. *pyriformis* (Lye) R.W.Haines  
*Coleochloa setifera* (Ridl.) Gilly  
*Cyperus albostriatus* Schrad.  
*Cyperus angolensis* Boeck.  
*Cyperus denudatus* var. *denuatus* L.f.  
*Cyperus distans* L.f.  
*Cyperus indecorus* Kuth var. *decurvatus* (C.B.Clarke) Kuk  
*Cyperus margaritaceus* Vahl var. *margaritaceus*  
*Cyperus obtusiflorus* Vahl var. *obtusiflorus*  
*Cyperus pseudoleptocladus* Kük.  
*Cyperus rupestris* Kunth  
*Cyperus sexangularis* Nees  
*Cyperus solidus* Kunth  
*Cyperus* species

*Cyperus sphaerospermus* Schrad.  
*Fimbristylis complanata* (Retz.) Link  
*Fuirena pubescens* (Poir.) Kunth  
*Pycreus polystachyos* (Rottb.) P.Beauv.  
*Schoenoplectus brachyceras* (A.Rich.) Lye

#### DIOSCOREACEAE

*Dioscorea cotinifolia* Kunth  
*Dioscorea sylvatica* (Kunth) Eckl.

#### DRACAENACEAE

*Sansevieria aethiopica* Thunb.  
*Sansevieria hyacinthoides* (L.) Druce  
*Sansevieria pearsonii* N.E.Br.

#### HYACINTHACEAE

*Drimia altissima* (L.f.) Ker Gawl.  
*Drimia robusta* Baker  
*Ledebouria apertiflora* (Baker) Jessop  
*Ledebouria* species  
*Ornithogalum* species

#### HYPOXIDACEAE

*Hypoxis argentea* Harv. ex Baker var. *argentea*  
*Hypoxis hemerocallidea* Fisch. & C.A.Mey.

#### IRIDACEAE

*Aristea woodii* N.E.Br.  
*Dietes grandiflora* N.E.Br.  
*Lapeirousia sandersonii* Baker

#### ORCHIDACEAE

*Eulophia ensata* Lindl.

*Mystacidium braybonae* Summerh.

*Polystachya ottoniana* Rchb.f.

## POACEAE

*Alloteropsis semialata* (R.Br.) Hitchc.

*Andropogon chinensis* (Nees) Merr.

*Andropogon eucomus* Nees

*Aristida adscensionis* L.

*Aristida canescens* Henrard subsp. *ramosa* De Winter

*Aristida congesta* Roem. & Schult. subsp. *barbicollis* (Trin. &

*Aristida congesta* Roem. & Schult. subsp. *congesta*

*Aristida diffusa* Trin. subsp. *burkei* (Stapf) Melderis

*Aristida junciformis* Trin. & Rupr.

*Aristida meridionalis* Henrard

*Aristida rhiniochloa* Hochst.

*Aristida* species

*Aristida stipitata* Hack. subsp. *graciliflora* (Pilg.) Melderis

*Bothriochloa insculpta* (A.Rich.) A.Camus

*Bothriochloa radicans* (Lehm.) A.Camus

*Brachiaria deflexa* (Schumach.) C.E.Hubb. ex Robyns

*Brachiaria nigropedata* (Ficalho & Hiern) Stapf

*Brachiaria serrata* (Thunb.) Stapf

*Cenchrus ciliaris* L.

*Centropodia glauca* (Nees) Cope

*Chloris virgata* Sw.

*Cymbopogon excavatus* (Hochst.) Stapf ex Burt Davy

*Cymbopogon pospischilii* (K.Schum) C.E. Hubb

*Cymbopogon* species

*Cynodon dactylon* (L.) Pers.

*Dactyloctenium aegyptium* (L.) Willd.

*Danthoniopsis dinteri* (Pilg.) C.E.Hubb.

*Dichanthium annulatum* (Forssk.) Stapf var. *papillosum* (A.Rich.) de Wet &

Harlan

*Digitaria eriantha* Steud.

*Diheteropogon amplexans* (Nees) Clayton  
*Elionurus muticus* (Spreng.) Kunth  
*Enneapogon cenchroides* (Roem. & Schult.) C.E.Hubb.  
*Enneapogon scoparius* Stapf  
*Enteropogon macrostachyus* (A.Rich.) Benth.  
*Eragrostis acraea* De Winter  
*Eragrostis aspera* (Jacq.) Nees  
*Eragrostis biflora* Hack. ex Schinz  
*Eragrostis chloromelas* Steud.  
*Eragrostis ciliaris* (L.) R.Br.  
*Eragrostis gummiflua* Nees  
*Eragrostis lehmanniana* Nees var. *lehmanniana*  
*Eragrostis micrantha* Hack.  
*Eragrostis pallens* Hack.  
*Eragrostis patentipilosa* Hack.  
*Eragrostis racemosa* (Thunb.) Steud.  
*Eragrostis rigidior* Pilg.  
*Eragrostis species*  
*Eragrostis superba* Peyr.  
*Eragrostis trichophora* Coss. & Durieu  
*Eustachys paspaloides* (Vahl) Lanza & Mattei  
*Heteropogon contortus* (L.) Roem. & Schult.  
*Ischaemum fasciculatum* Brongn.  
*Lintonia nutans* Stapf  
*Loudetia filifolia* Schweick.  
*Loudetia flavida* (Stapf) C.E.Hubb.  
*Loudetia simplex* (Nees) C.E.Hubb.  
*Melinis nerviglumis* (Franch.) Zizka  
*Melinis repens* (Willd.) Zizka subsp. *repens*  
*Odysea paucinervis* (Nees) Stapf  
*Oplismenus hirtellus* (L.) P.Beauv.  
*Panicum coloratum* L. var. *coloratum*  
*Panicum deustum* Thunb.  
*Panicum maximum* Jacq.

*Panicum natalense* Hochst.  
*Panicum schinzii* Hack.  
*Pennisetum glaucocladum* Stapf & C.E.Hubb.  
*Perotis patens* Gand.  
*Pogonarthria squarrosa* (Roem. & Schult.) Pilg.  
*Schizachyrium jeffreysii* (Hack.) Stapf  
*Schizachyrium sanguineum* (Retz.) Alston  
*Schmidtia pappophoroides* Steud.  
*Setaria megaphylla* (Steud.) T.Durand & Schinz  
*Setaria nigrirostris* (Nees) T.Durand & Schinz  
*Setaria sphacelata* (Schumach.) Moss  
*Setaria sphacelata* (Schumach.) Moss var. *sphacelata*  
*Setaria sphacelata* (Schumach.) Moss var. *torta* (Stapf) Clayt  
*Setaria verticillata* (L.) P.Beauv.  
*Sporobolus africanus* (Poir.) Robyns & Tournay  
*Sporobolus fimbriatus* (Trin.) Nees  
*Sporobolus ioclados* (Trin.) Nees  
*Stipagrostis hirtigluma* (Trin. & Rupr.) De Winter  
*Stipagrostis uniplumis* (Licht.) De Winter var. *uniplumis*  
*Themeda triandra* Forssk.  
*Trachypogon spicatus* (L.f.) Kuntze  
*Tragus berteronianus* Schult.  
*Tricholaena monachne* (Trin.) Stapf & C.E.Hubb.  
*Urochloa mosambicensis* (Hack.) Dandy

#### VELLOZIACEAE

*Xerophyta retinervis* Baker  
*Xerophyta viscosa* Baker