

APPENDIX I:
PLANT SPECIES RECORDED AT REPRESENTATIVE SITES
WITHIN THE STUDY AREA

PLANT SPECIES RECORDED AT REPRESENTATIVE SITES WITHIN THE STUDY AREA

Plant species recorded at representative sites within the study area are indicated in Table 1 overleaf. Functional growth forms were allocated to each species using the following classes:

- *Grasses and grass-like species* - all representatives of the Poaceae, Restionaceae and Cyperaceae
- *Forbs* - Non-woody, annuals and perennials, climbers & creepers, geophytes & ferns
- *Woody plants*:
 - * Dwarf shrubs - woody, single or multi stemmed, shorter than 1 m.
 - * Shrubs - woody, single or multi stemmed, taller than 1 m and shorter than 2 m.
- *Trees* - woody, single stemmed, taller than 2 m or multi-stemmed and taller than 5m.

Species are indicated as follows:

- exotic species - **(e)**,
- declared weeds - **(w)**,
- species with invasive qualities - **(i)**,
- protected species - **(p)**, and
- endangered species - **(#)**.

Table 1: Plant species recorded at the representative sites within the study area

Plant Species	Common Name	Status	Black Norite Turf veld – lower plains				Eastern mid and footslopes		Western mid and footslopes	Norite Hills
			1	2	3	4	5	7	6	8
<i>Grasses and grass-like species (43)</i>										
<i>Andropogon schirensis</i>	Stab grass/Tweevingergras		X	X						
<i>Aristida adscensionis</i>	Annual Three-awn grass/Eenjarige Steekgras								X	
<i>Aristida bipartita</i>	Three-awn rolling grass/Grootrolgras		X	X	X	X				
<i>Aristida congesta</i> subsp. <i>barbicollis</i>	Spreading Three-awn/Los Steekgras					X			X	X
<i>Aristida congesta</i> subsp. <i>congesta</i>	Tassle Three-awn/Katstertsteekgras					X			X	X
<i>Aristida diffusa</i>	Iron grass/Ystergras		X		X			X	X	X
<i>Bewsia biflora</i>	False love grass/Vals eragrostis							X		
<i>Bothriochloa inculpta</i>	Pinhole grass/Stippelgras		X	X	X	X	X		X	X
<i>Brachiaria serrata</i>	Velvet grass/Fluweelgras							X		
<i>Bulbostylis burchellii</i>	-			X						
<i>Cenchrus ciliaris</i>	Blue Buffalo grass/Bloubuffelsgras								X	
<i>Cymbopogon excavatus</i>	Broad-leaved turpentine grass/Breëblaarterpentyngras						X		X	
<i>Cymbopogon plurinodis</i>	Narrow-leaved Turpentine grass/Smalblaarterpentyngras			X	X					
<i>Cynodon dactylon</i>	Couch grass/Kweek								X	
<i>Cyperus rupestris</i>	-						X	X		
<i>Digitaria eriantha</i>	Finger grass/Vingergras				X			X	X	
<i>Diheteropogon amplexans</i>	Broad-leaved bluestem							X		
<i>Elionurus muticus</i>	Wire grass/Koperdraad		X	X				X		X
<i>Enneapogon cenchroides</i>	Nine-awned grass/Negenaaldgras						X			
<i>Enneapogon scoparius</i>	Bottlebrush grass/Kalkgras								X	
<i>Eragrostis chloromelas</i>	Curly leaf/Krulblaar			X			X			
<i>Eragrostis curvula</i>	Weeping love grass/Oulandsgras		X	X	X			X	X	
<i>Eragrostis gummiflua</i>	Gum grass/Kleefgras							X		
<i>Eragrostis rigidior</i>	Broad-leaved Curly Leaf/Breëkrulblaar							X	X	
<i>Eragrostis superba</i>	Saw-tooth Love grass/Weeluisgras					X		X	X	X
<i>Fingerhuthia africana</i>	Thimble grass/Vingerhoedgras		X	X	X		X			
<i>Heteropogon contortus</i>	Spear grass/Assegaaigras		X		X	X	X	X	X	X
<i>Hyparrhenia filipendula</i>	Fine Thatching grass/Fyntamboekiegras						X			

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			1	2	3	4	5	7	6	8
<i>Hyparrhenia hirta</i>	Thatch grass/Dekgras					X		X	X	X
<i>Hyparrhenia tamba</i>	Blue thatching grass/Bloutamboekiegras							X		X
<i>Ischaemum afrum</i>	Turf grass/turfgras		X	X		X				
<i>Loudetia simplex</i>	Common russet grass/Stingelgras		X					X		
<i>Melinis repens</i>	Natal red top/Natalse rooipuum		X	X			X		X	
<i>Panicum coloratum</i>	White Buffalo grass/Witbuffelsgras		X	X	X	X			X	X
<i>Panicum maximum</i>	Guinea grass/Gewone buffelsgras					X	X	X	X	X
<i>Perotis patens</i>	Cat's Tail/Katstertgras								X	
<i>Setaria incrassata</i>	Canary millet		X	X	X					
<i>Setaria sphacelata</i> var. <i>sphacelata</i>	Common bristle grass/Mannagras						X	X	X	
<i>Sporobolus stapfianus</i>	Fibrous dropseed/Veselfynsaadgras		X	X	X					
<i>Themeda triandra</i>	Red grass/Rooigras		X	X	X	X	X	X	X	X
<i>Trachypogon spicatus</i>	Giant spear grass/Bokbaardgras		X	X				X		
<i>Tragus berteronianus</i>	Common Carrot Seed grass/Gewone Wortelsaadgras						X			
<i>Trichoneura grandiglumis</i>	Small rolling gras/Klein rolgras							X		
<i>Urochloa mosambicensis</i>	Common Signal grass/Bosveldbeesgras								X	
Forbs (72)										
<i>Acalypha angustata</i> var. <i>glabra</i>	Copper leaf/Katpisbossie							X		
<i>Achyranthes aspera</i>	Chaff flower/Langklits					X				
<i>Amaranthus hybridus</i>	Pigweed/Misbredie		X							
<i>Ammocharis coranica</i>	Tumbleweed/Seeroogblom	p		X		X				
<i>Anthericum fasciculatum</i>	-		X	X				X		
<i>Aptosimum decumbens</i> var. <i>elongatum</i>	Wild violet//Brandblare								X	
<i>Becium angustifolium</i>	-								X	
<i>Bidens pilosa</i>	Black Jack/Knapsekerel		X	X	X	X	X	X	X	
<i>Chamaecrista comosa</i>	-		X	X					X	
<i>Chamaesyce inaequilatera</i>	-		X	X						
<i>Clematis brachiata</i>	Traveler's Joy/Klimop							X	X	
<i>Coccinia rehmannii</i>	-								X	
<i>Commelina africana</i>	-		X	X	X		X		X	

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			1	2	3	4	5	7	6	8
<i>Commelina erecta</i>	-					X	X	X	X	X
<i>Convolvulus sagittatus</i>	-		X	X						
<i>Conyza bonariensis</i>	Flax-leaf Fleabane/Kleinskraalhan			X		X			X	
<i>Corchorus asplenifolius</i>	-		X	X	X				X	
<i>Crabbea angustifolia</i>	-		X	X	X	X	X			
<i>Crassula lanceolata</i>	-							X		
<i>Crinum cf. bulbispermum</i>	Orange River lily/Vleilelie	p			X					
<i>Cyanotis speciosa</i>	Doll's powderpuff/Bloupoeierkwassie							X		
<i>Cyphostemma hardyi</i>	-								X	
<i>Cyphostemma lanigerum</i>	Wildedruif					X			X	
<i>Dicoma anomala</i>	Maagbitterwortel							X		
<i>Eriosema cordatum</i>	-								X	
<i>Felicia muricata</i>	-							X		
<i>Gazania krebsiana</i>	Botterblom			X						
<i>Geigeria burkei</i>	Vermeerbos				X					
<i>Gladiolus sp.</i>	-	p	X	X						
<i>Gomphrena celosoides</i>	Bachelor's button/Mierbossie	e					X			
<i>Helichrysum rugulosum</i>	-		X	X	X			X		
<i>Heliotropium steudneri</i>	-								X	
<i>Hermannia depressa</i>	Rooi-opslag								X	
<i>Hibiscus pusillus</i>	-		X				X			
<i>Hibiscus trionum</i>	Bladderweed/Terblansbossie		X	X	X	X			X	X
<i>Hypoxis hemerocallidea</i>	Gifbol							X		
<i>Hypoxis rigidula</i>	Kaffertulp		X							
<i>Indigofera daleoides</i>	-							X	X	
<i>Indigofera filipes</i>	-				X					
<i>Ipomoea bathycolpos</i>	Veldsambreeltjies		X	X					X	
<i>Ipomoea obscura var. fragilis</i>	Wild petunia/Wildepapat								X	
<i>Ipomoea ommaneyi</i>	Beespapat				X		X	X		
<i>Jatropha sp.</i>	-		X	X	X					
<i>Ledebouria revoluta</i>	-		X	X	X			X		
<i>Merremia tridentata</i>	-		X	X	X					

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<i>Momordica balsamina</i>	Laloentjie								X	
<i>Monsonia angustifolia</i>	Crane's bill/Angelbossie		X	X	X		X	X		
<i>Oldenlandia herbacea</i>	-		X							
<i>Oxalis cf. depressa</i>	Sorrel/Suring				X			X		
<i>Pavonia burchellii</i>	-		X			X	X	X	X	X
<i>Pellaea calomelanos</i>	Rock fern	p				X		X		X
<i>Pentarrhinum insipidum</i>	Donkieperske								X	X
<i>Phyllanthus parvulus</i>	Dye bush/Kleurbossie								X	
<i>Pseudognaphalium luteo-album</i>	Cudweed/Roerkruid	e			X		X	X		
<i>Rhynchosia minima</i>	-		X	X	X		X			
<i>Ruellia patula</i>	-								X	
<i>Scadoxus multiflorus</i>	-	p					X			
<i>Schkuhria pinnata</i>	-		X	X			X			
<i>Solanum panduriforme</i>	Poison apple/Gifappel					X		X	X	
<i>Sphedamnocarpus galphimifolius</i>	-							X		
<i>Sphenostylis angustifolius</i>	Wild Sweetpea/Wilde-ertjie					X				
<i>Striga elegans</i>	Large witchweed/Grootrooibloem		X					X		
<i>Striga bilabiata</i>	-			X						
<i>Tagetes minuta</i>	Khaki weed/Kakiebos	e,i	X	X		X	X		X	
<i>Tephrosia capensis</i>	-		X	X	X	X			X	X
<i>Tephrosia elongata</i>	Orange Tephrosia		X							
<i>Teucrium trifidum</i>	Koorsbossie							X		
<i>Tragia rupestris</i>	-		X			X				
<i>Triumfetta sonderii</i>	Maagbossie							X		
<i>Vernonia oligocephala</i>	-					X				
<i>Walafrida densiflora</i>	-		X	X		X			X	
<i>Zinnia peruviana</i>	Wilde-Jakobregop	e	X						X	
<i>Zornea milneana</i>	-				X					
Woody plants: dwarf shrubs, shrubs & trees (74)										
<i>Acacia caffra</i>	Common hook-thorn/Gewone haakd.					X	X		X	X
<i>Acacia karroo</i>	Sweet thorn/Soetdoring			X	X				X	
<i>Acacia mellifera</i>	Swarthaak	i							X	

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<i>Acacia nilotica</i>	Scented thorn/Lekkerruikpeal		X		X	X				
<i>Acacia robusta</i> subsp. <i>robusta</i>	Enkeldoring							X		
<i>Acacia tortilis</i>	Umbrella thorn/Haak-en-steek		X	X	X		X	X		
<i>Aloe greatheadii</i> var. <i>davyana</i>	-				X	X	X	X		
<i>Aloe marlothii</i>	Mountain aloe/Bergaalwyn					X	X	X		
<i>Ancylobotrys capensis</i>	Wild Apricot/Wilde-appelkoos						X		X	
<i>Asparagus suaveolens</i>	Wild asparagus/Katdoring		X	X	X		X	x	X	
<i>Asparagus laricinus</i>	Wild Asparagus/Katbos		X	X	X					
<i>Berchemia zeyheri</i>	Red Ivory/Rooi-ivoor					X		X	X	
<i>Boscia albitrunca</i>	Sheperd's tree/Witgat							X		
<i>Bridelia mollis</i>	Velvet sweetberry/Fluweelsoetbessie					X			X	
<i>Burkea africana</i>	Wild Seringa/Wildesering					X				
<i>Canthium gilfillanii</i>	Velvet rock alder/Fluweelklipels		X			X		X		
<i>Carissa bispinosa</i>	Forest num-num/Bosnoemnoem					X		X		
<i>Combretum apiculatum</i>	Red Bushwillow/Rooibos					X	X	X		
<i>Combretum hereroense</i>	Russet Bushwillow/Kierieklapper								X	
<i>Combretum molle</i>	Velvet bushwillow/Basterrooibos					X	X		X	
<i>Combretum zeyheri</i>	Large-fruited Bushwillow/Raasblaar						X			
<i>Commiphora pyracanthoides</i>	Common Corkwood/Gewone Kanniedood					X				
<i>Croton gratissimus</i>	Lavender Fever-berry/Laventelkoorsbessie					X			X	
<i>Cussonia paniculata</i>	Mountain Cabbage tree/Bergkiepersol	p					X			
<i>Cussonia transvaalensis</i>	Transvaal Cabbage tree/Transvaalkiepersol	p				X		X		
<i>Dichrostachys cinerea</i>	Sickle bush/Sekelbos		X	X	X	X		X	X	
<i>Diospyros lyciodes</i> subsp. <i>guerkei</i>	Bloubos		X	X		X	X	X		
<i>Dombeya rotundifolia</i>	Common Wild Pear/Gewone Drolpeer					X		X	X	
<i>Ehretia rigida</i>	Puzzle bush/Deurmekaarbos		X		X		X	X		
<i>Elephantorrhiza elephantina</i>	Elephant's root/Olifantswortel						X			
<i>Englerophytum magalismontanum</i>	Transvaal milkplum/Stamvrug						X			
<i>Euclea crispa</i>	Blue Guarri/Bloughwarrie								X	
<i>Euclea undulata</i>	Common quarri/Gewone ghwarrie					X	X	X		
<i>Euphorbia cooperii</i>	Transvaal Candelabra tree/Transvaalse kandelaarnaboom					X				

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<i>Faurea saligna</i>	Beechwood/Boekenhout					X		X		
<i>Ficus ingens</i>	Red-leaved Fig/Rooiblaarvy								X	
<i>Grewia flava</i>	Brandy bush/Wilderosyntjie		X	X			X		X	
<i>Grewia flavescens var. flavescens</i>	/Sandpaper Raisin/Skurwerosyntjie					X				
<i>Grewia monticola</i>	Silver Raisin/Vaalrosyntjie		X			X			X	
<i>Gymnosporia polyacantha</i>	Kraal Spike-thorn/Kraalpendoring								X	
<i>Helinus integrifolius</i>	Soap bush/Seepbos								X	
<i>Heteromorpha arborescens</i>	Parsley tree/Wildepietersieliebos							X		
<i>Lannea discolor</i>	Live-long/Dikbas					X		X	X	
<i>Lantana rugosa</i>	Bird's brandy		X	X			X		X	
<i>Lippia javanica</i>	Fever tea/Beukesbossie							X	X	
<i>Maerua angolensis</i>	Bead-bean/Knoppiesboontjie								X	
<i>Maytenus heterophylla</i>	Spike Thorn/Pendoring					X			X	
<i>Maytenus tenuispina</i>	-					X			X	
<i>Mimusops zeyheri</i>	Transvaal Red Milkwood/Moepel					X				
<i>Mundulea sericea</i>	Cork bush/Visgif							X		
<i>Myrsine africana</i>	Cape Myrtle/Mirting								X	
<i>Ochna pulchra</i>	Peeling plane/Lekkerbreek							X		
<i>Olea europaea subsp. africana</i>	Wild Olive/Olienhout					X			X	
<i>Opuntia ficus-indica</i>	Prickly pear/Turksvy	e,i,w	X				X		X	
<i>Osyris lanceolata (= O. quadripartita)</i>	Transvaal Sumach/Bergbas								X	
<i>Ozoroa paniculosa</i>	Common Resin tree/Gewone harpuijsboom					X				
<i>Pappea capensis</i>	Doppruim		X			X			X	
<i>Peltophorum africanum</i>	Weeping wattle/Huilboom					X		X	X	
<i>Phumbago zeylanica</i>	-		X			X				
<i>Pouzolzia mixta</i>	Soapbush/Seepbos								X	
<i>Protea caffra</i>	Sugarbush/Suikerbos	p						X		
<i>Rhoicissus tridentata</i>	Bushman's Grape/Boesmansdruif					X			X	
<i>Rhus lancea</i>	Karee		X		X				X	
<i>Rhus leptodictya</i>	Mountain karee/Bergkaree				X	X		X	X	
<i>Rhus pyroides</i>	Common Wild Currant/Taibos		X	X	X		X		X	

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<i>Rhynchosia nitens</i>	Silver Rhynchosia bush/Vaalboontjie	i				X			X	
<i>Sansevieria aethiopica</i>	Bowstring Hemp/Aambeiwortel					X		X		
<i>Sarcostemma viminale</i>	Melktou							X		
<i>Sclerocarya birrea</i> subsp. <i>africana</i>	Marula/Maroela		X			X			X	
<i>Tarchonanthus camphoratus</i>	Wild Camphor bush/Wildekanferbos					X		X	X	
<i>Vangueria infausta</i>	Wild medlar/Mispel		X							
<i>Vitex zeyheri</i>	Silver Pipe-stem tree/Silwerpypsteelboom								X	
<i>Xerophyta retinervis</i>	Monkey's tail/Bobbejaanstert						X			
<i>Ximenia caffra</i> var. <i>caffra</i>	Sourplum/Suupruim		X						X	
<i>Ziziphus mucronata</i>	Buffalo thorn/Blinkblaarwag-'n-bietjie		X		X			x		