

Table 3 List of 162 plant species recorded in the forest of man-made (MM), upper natural (UN) and lower natural (LN) glades

Species	Growth form	MM	UN	LN
<i>Albiziaspp.</i>	Tree	v		V
<i>Bersama abyssinica</i>	Tree	v	v	V
<i>Bridelia micrantha</i>	Tree	v	v	V
<i>Brideliaspp.</i>	Tree			V
<i>Canthium keniensis</i>	Tree	v		V
<i>Canthiumspp.</i>	Tree			V
<i>Cassipourea malosana</i>	Tree			V
<i>Clausena anisata</i>	Tree	v	v	V
<i>Conopharyngia usambarensis</i>	Tree	v	v	V
<i>Croton macrostachyus</i>	Tree	v		V
<i>Croton megalocarpus</i>	Tree	v		V
<i>Diospyros abyssinica</i>	Tree	v	v	V
<i>Euclea divinorum</i>	Tree	v	v	V
<i>Euclea schimperi</i>	Tree		v	V
<i>Euphorbia spp.</i>	Tree			V
<i>Fagaropsis angolensis</i>	Tree			V
<i>Ficus thonningii</i>	Tree		v	V
<i>Hagenia abyssinica</i>	Tree		v	
<i>Nuxia congesta</i>	Tree		v	
<i>Olea Africana</i>	Tree	v	v	V
<i>Olea capensis</i>	Tree		v	
<i>Olea hochstetteri</i>	Tree		v	V
<i>Olea welwitschii</i>	Tree		v	V
<i>Peddiea volkensii</i>	Tree		v	V
<i>Pterocarpus angolensis</i>	Tree	v		
<i>Rauvolfia caffra</i>	Tree	v		V
<i>Rhamnus prinoides</i>	Tree			
<i>Tabernaemontana usambarensis</i>	Tree		v	V
<i>Teclea nobilis</i>	Tree	v	v	V
<i>Teclea simplifolia</i>	Tree			V
<i>Trichilia emetica</i>	Tree	v		V
<i>Turraea robusta</i>	Tree		v	V
<i>Zanthoxylum chalybeum</i>	Tree	v	v	V
<i>Zanthoxylum usambarensis</i>	Tree			V
<i>Cynodon dactylon</i>	Grass	v	v	V
<i>Cynodon plectostachyus</i>	Grass			V
<i>Cyperus distans</i>	Grass-sedge			V
<i>Cyperus laevigatus</i>	Grass-sedge		v	V
<i>Cyperus spp.</i>	Grass-sedge	v	v	V
<i>Cyperus rotundus</i>	Grass-sedge			V
<i>Digitaria scalarum</i>	Grass	v		V
<i>Digitaria velutina</i>	Grass	v	v	
<i>Eleusine jaegeri</i>	Grass	v	v	
<i>Eragrostis tenuifolia</i>	Grass	v		
<i>Heteropogon contortus</i>	Grass	v		
<i>Kyllinga erecta</i>	Grass	v	v	V
<i>Kyllinga rotunda</i>	Grass			V
<i>Oplismenus hirtellus</i>	Grass		v	
<i>Panicum maximum</i>	Grass		v	
<i>Panicum trichocladus</i>	Grass			
<i>Paspalum commersonii</i>	Grass		v	
<i>Setaria chevalieri</i>	Grass	v	v	
<i>Setaria hirta</i>	Grass		v	V
<i>Setaria homoyma</i>	Grass	v	v	V
<i>Setaria megaphyllai</i>	Grass	v	v	V

Species	Growth form	MM	UN	LN
<i>Setaria phragmitoides</i>	Grass		v	V
<i>Setaria plicatilis</i>	Grass			V
<i>Setariaspp.</i>	Grass	v		
<i>Setaria sphacelata</i>	Grass		v	V
<i>Sporobolus africanus</i>	Grass	v		V
<i>Themeda triandra</i>	Grass	v		
<i>Senna didymobotrya</i>	Dwarf-shrub	v	v	V
<i>Senna mimosoides</i>	Dwarf-shrub		v	V
<i>Senna obtusifolia</i>	Dwarf-shrub	v		V
<i>Senna spectabilis</i>	Dwarf-shrub	v		V
<i>Vernonia auriculifera</i>	Dwarf-shrub			V
<i>Vernonia brachycalyx</i>	Dwarf-shrub	v		V
<i>Vernonia galamansis</i>	Dwarf-shrub	v		V
<i>Vernonia pauciflora</i>	Dwarf-shrub			V
<i>Caesalpinia decapetala</i>	Shrub			V
<i>Capparis tomentosa</i>	Shrub	v		
<i>Carrisa edulis</i>	Shrub	v	v	V
<i>Clausena anisata</i>	Shrub		v	
<i>Clerodendrum johnstonii</i>	Shrub	v	v	V
<i>Clutia abyssinica</i>	Shrub	v	v	V
<i>Coffea arabica</i>	Shrub	v		
<i>Crotolariaaxillaris</i>	Shrub			V
<i>Crotolaria agatiflora</i>	Shrub	v		V
<i>Crotolaria kirkii</i>	Shrub			V
<i>Crotolaria lebrunii</i>	Shrub		v	
<i>Crotolariaspp.</i>	Shrub			V
<i>Crotolaria spinosa</i>	Shrub		v	
<i>Cyathula cylindrical</i>	Shrub			V
<i>Hibiscus vitifolius</i>	Shrub	v		
<i>Jasminum abyssinicum</i>	Shrub	v		
<i>Jasminum oblongifolium</i>	Shrub	v		
<i>Lippia javanica</i>	Shrub	v	v	V
<i>Microglossa oblongfolia</i>	Shrub	v		V
<i>Ocimum suave</i>	Shrub	v		V
<i>Psiadia arabica</i>	Shrub	v		V
<i>Rubus volkensii</i>	Shrub	v	v	V
<i>Sida ovate</i>	Shrub	v		
<i>Solanum aculeatissimum</i>	Shrub		v	V
<i>Solanum incanum</i>	Shrub	v	v	V
<i>Toddalia asiatica</i>	Shrub	v	v	V
<i>Trichodesma zeylanica</i>	Shrub	v		
<i>Vangueria acutiloba</i>	Shrub	v		
<i>Acalypha volkensii</i>	Forbs	v		V
<i>Acanthus amirens</i>	Forbs			V
<i>Ageratum conyzoides</i>	Forbs	v		V
<i>Amaranthus spp.</i>	Forbs	v		V
<i>Archyranthes aspera</i>	Forbs	v	v	V
<i>Artemisia afra</i>	Forbs	v		
<i>Asparagus africana</i>	Forbs	v		V
<i>Asparagus asiatica</i>	Forbs			V
<i>Asplenium bugoiense</i>	Forbs		v	V
<i>Asplenium strangeanum</i>	Forbs	v	v	V
<i>Asystasia gangetica</i>	Forbs	v	v	V
<i>Becium angustifolium</i>	Forbs			V
<i>Becium obovatam</i>	Forbs		v	
<i>Carduus nyassanus</i>	Forbs		v	
<i>Caucalis incognita</i>	Forbs	v	v	V

Continuing table3

Species	Growth form	MM	UN	LN
<i>Coccinea trilobata</i>	Forbs		v	
<i>Commelina benghalensis</i>	Forbs	v	v	V
<i>Commelina petersii</i>	Forbs	v	v	V
<i>Conyza floribunda</i>	Forbs			V
<i>Cucumis aculeatus</i>	Forbs	v		V
<i>Cyathula cylindrica</i>	Forbs		v	V
<i>Cyathula polycephala</i>	Forbs		v	
<i>Cynoglossum coeruleum</i>	Forbs	v	v	V
<i>Cyphostemmaalecaule</i>	Forbs		v	
<i>Cyphostemma adenocaula</i>	Forbs	v	v	V
<i>Cyphostemma colearum</i>	Forbs	v	v	V
<i>Cyphostemma hirtellus</i>	Forbs			V
<i>Dichondra repens</i>	Forbs	v	v	V
<i>Dolichos axillaris</i>	Forbs			V
<i>Dolichos latifolia</i>	Forbs			V
<i>Dolichos oliveri</i>	Forbs	v		V
<i>Drymaria cordata</i>	Forbs	v		V
<i>Dryopteris anthamantica</i>	Forbs	v		
<i>Euphorbia hirta</i>	Forbs			V
<i>Girardinia diversifolia</i>	Forbs	v	v	V
<i>Hibiscus vitifolius</i>	Forbs	v	v	
<i>Hypoestes verticillaris</i>	Forbs		v	V
<i>Impatiens digitata</i>	Forbs			V
<i>Impatiens nana</i>	Forbs	v	v	V
<i>Indigofera erecta</i>	Forbs	v		
<i>Justicia betanica</i>	Forbs	v		V
<i>Justicia flava</i>	Forbs	v	v	V
<i>Justicia gangetica</i>	Forbs		v	V
<i>Justicia keniensis</i>	Forbs			V
<i>Justicia striata</i>	Forbs	v		
<i>Kalanchoe densiflora</i>	Forbs	v	v	V
<i>Leonotis nepetifolia</i>	Forbs	v		V
<i>Leonotis mollissima</i>	Forbs	v		
<i>Momordica boivinii</i>	Forbs			V
<i>Momordicaspp.</i>	Forbs			V
<i>Oxalis cordifolia</i>	Forbs		v	V
<i>Oxalis latifolia</i>	Forbs			
<i>Pellaea calomelanos</i>	Forbs	v	v	V
<i>Pentas lanceolata</i>	Forbs	v		
<i>Piper capensis</i>	Forbs			V
<i>Plectranthus caninus</i>	Forbs			V
<i>Plectranthus elegans</i>	Forbs	v	v	V
<i>Rhynchosia minima</i>	Forbs	v	v	
<i>Salvia nilotica</i>	Forbs			V
<i>Scadoxus multiflora</i>	Forbs		v	
<i>Selaginella kraussiana</i>	Forbs		v	V
<i>Seneciospp.</i>	Forbs		v	
<i>Trichodesma zeylanicum</i>	Forbs	v		V
<i>Triumfetta rhomboidea</i>	Forbs		v	
<i>Urtica massaica</i>	Forbs	v	v	V