

Clansthal Conservancy - Vegetation Lists (Indigenous & Alien)

We are in the process of compiling lists of indigenous and alien vegetation in and around the Clansthal Conservancy. Should you wish to participate we are looking at the following categories:- Corals, Fish, Crustaceans, Insects, Mammals (Terrestrial & Marine).

We would also like to add to the lists, so if you see any animal or plant that are not on our current lists, please email your update to info@clansthalconservancy.org.za

To contribute please email to info@clansthalconservancy.org.za as a MS Word, MS Excel or PDF document. Documents should not exceed 3MB in size.

Trees & shrubs identified for the Clansthal Conservancy

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|------------------------------|-------------------------------|
| 1. Acacia karoo | 33. Indigofera jucundum |
| 2. Acacia kraussiana | 34. Kraussia floriunda |
| 3. Acacia robusta | 35. Margaritaria discoidea |
| 4. Allophylus natalensis | 36. Maytenus procumbens |
| 5. Antidesma venosum | 37. Mimusops caffra |
| 6. Apodytes dimidiata | 38. Ochna natalitia |
| 7. Baphia racemosa | 39. Ochna serrulata |
| 8. Bridelia micrantha | 40. Pavetta lanceolata |
| 9. Burchellia bubalina | 41. Pavetta revoluta |
| 10. Calodenrum capense | 42. Psychotria capensis |
| 11. Canthium ciliatum | 43. Psydrax obovata |
| 12. Canthium inerme | 44. Rawsonia lucida |
| 13. Canthium spinosum | 45. Rhus chirindensis |
| 14. Carissa bispinosum | 46. Rhus gueinzii |
| 15. Carissa macrocarpa | 47. Rhus natalensis |
| 16. Cassipourea gummiflua | 48. Schlefflera umbellifera |
| 17. Celtis africana | 49. Scolopia zeyherii |
| 18. Chaetachme aristata | 50. Sideroxylon inerme |
| 19. Combretum kraussii | 51. Strelitzia nicolai |
| 20. Commiphora harveyii | 52. Strychnos gerrardii |
| 21. Deinbollia oblongifolia | 53. Strychnos henningsii |
| 22. Dovyalis caffra | 54. Strychnos spinosa |
| 23. Dracaena aletiformis | 55. Syzygium cordatum |
| 24. Englerophytum natalensis | 56. Teclea natalensis |
| 25. Erythrina lysistemon | 57. Trema orientalis |
| 26. Euclea natalensis | 58. Tricalysia lanceolata |
| 27. Eugenia capensis | 59. Vepris lanceolata |
| 28. Euphorbia ingens | 60. Vitellariopsis emarginata |
| 29. Grewia occidentalis | 61. Xylothea kraussiana |
| 30. Halleria lucida | 62. Xymlos monospora |
| 31. Harpephyllum caffrum | 63. Zanthoxylum capense |
| 32. Hippobromus pauciflorus | 64. Zizyphus mucronata |

Sedges and Rushes known to occur in Clansthal Conservancy

Prepared by Q V Mann December 2005

Names in **BOLD** are more common grasses

Botanical Name	Common Name or Names	Habitat
Ascolepis capensis	Tufted button sedge / Umusi	Wet areas

<i>Bulbostylus hispadula</i>	Shaggy sedge	Weed of gardens & cane fields
<i>Carex cognata</i>	Nodding sedge / Knikkenderietgras	Open marshy areas
<i>Cyperus albostriatus</i>	Forest star sedge	Forest floor
<i>C. compressus</i>	Flat-flowered sedge	Weed of gardens & cane fields
<i>C. denudatus</i>	Winged sedge	Weed of lawns
<i>C. dives</i>	Giant sedge / Ikhwani	Wetland
C. esculentus	Yellow water grass / Yellow nut-grass	Weed of gardens & cane fields
C. emensis	Serrated khwani grass / Ikhwani	Wetland
<i>C. obtusiflorus</i>	White-flowered sedge / Khukhu	Gardens
<i>C. papyrus</i>	Papyrus / Papyrus / Ibumi	Gardens and wet areas
<i>C. prolifer</i>	Dwarf papyrus	Gardens
<i>C. rotundus</i>	Purple watergrass / red nut-grass	Weed of gardens & cane fields
<i>C. textillis</i>	Tall star sedge / Matjiesgoed / Umuzi	Wet areas
<i>Eliocharis limosa</i>	Finger rush	Open water
<i>Fimbristylis complanata</i>	Flattened rush	Coastal grassland
<i>F. obtusifolia</i>	Blunt-leaved rush	Coastal dunes and lowland
<i>Kyllinga alba</i>	White button sedge / Witbiesie	Gardens and lawns
<i>K. erecta</i>	Creeping white kyllinga	Gardens and lawns
<i>Juncus kraussii</i>	Matting rush / Incema	Wetland
<i>J. lomaophyllus</i>	Leafy juncus	Wetland
<i>Mariscus congestus</i>	Large swamp sedge / Indawo	Wetland
<i>M. macrocarpus</i>	Large-flowered sedge	Wetland
<i>M. solidus</i>	Swamp sedge	Wetland
<i>M. sumatrensis</i>	Small large-flowered sedge	Weed of gardens & cane fields
<i>Pycreus nitidus</i>	Shining sedge	Dams swamps & estuaries
<i>P. polystachyos</i>	Many spiked sedge	Estuaries & saline conditions
<i>Rhynchospora corymbosa</i>	Saw grass	Coastal wetland
<i>Scirpus ficinoides</i>	Small rush	Moist areas underground water
<i>Typha capensis</i>	Bulrush / Papkuil / Ibhuma	Wetland

Grasses known to occur in Clansthal Conservancy

Prepared by Q V Mann December 2005

Names in **BOLD** are more common grasses

Botanical Name	Common Name or Names	Habitat
<i>Acroceras macrum</i>	Nile grass / Nylgras	Wet areas
<i>Alloterospis semialata</i>	Black-seed grass	Sourveld and forest margins
<i>Andropogon schirensis</i>	Stab grass / Tweefingergras	Sourveld and forest margins
<i>A. appendiculatus</i>	Vlei blue-stem / Vleiblougras	Wet areas
<i>A. eucomus</i>	Snowflake grass / Kleinwitbaardgras	Shallow wet soils
<i>Aristida junciformis</i>	Ngongoni / Steekgras	Sourveld
<i>Arundo donax</i>	Spanish reed	Category 1 weed
<i>Avena sativa</i>	Common oats	Green manure crop
<i>Axonopus compressus</i>	Savannah grass / Kearsney grass	Lawn
<i>Bambusa</i> sp.	Bamboos	Gardens and streambanks
<i>Bothriochloa insculpta</i>	Pinhole grass / Stippelgras	Sourveld and road verges
<i>Brachiaria brizantha</i>	Common signal grass / Broodgras	Sourveld and forest margins
<i>B. serrata</i>	Velvet signal grass / Fluweelsinjaalgras	Good veld
<i>Bromus catharticus</i>	Rescue grass	Gardens and disturbed areas
<i>Cenchrus ciliaris</i>	Silly-ass grass	Cane breaks
<i>C. brownii</i>	Burgrass	Disturbed areas (Cat' 1 weed)
<i>Chloris gayana</i>	Rhodes grass	Cane breaks
<i>C. pycnothrix</i>	Spiderweb grass / Spinnerakgras	Cane breaks
<i>C. virgata</i>	Feathertop grass / Old lands grass	Fallow fields
<i>Cymbopogon excavatus</i>	Broad-leafed turpentine grass	Sourveld and forest margins
<i>C. marginatus</i>	Lemon grass	Garden herb
<i>Cynodon dactylon</i>	Bermuda grass / Kweek / Ngwengwe	Lawn cane fields and breaks

<i>C. niemfuensis</i>	Giant star grass	Disturbed areas and cane breaks
<i>Dactyloctenium australe</i>	Crowsfoot / Berea grass / Durban grass	Shady lawns
<i>Digitaria diagonalis</i>	Brown-seed finger grass	Sourveld and forest margins
<i>D. diversinervis</i>	Richmond finger grass	Shady lawns
<i>D. eriantha</i>	Tall finger grass	Vleis and forest margins
<i>D. sanguinalis</i>	Crab finger grass	Gardens and disturbed areas
<i>D. swazilandensis</i>	Swazi finger grass	Lawn
<i>D. tricholaenoides</i>	Sourveld finger grass	Sourveld and forest margins
<i>D.zeyheri (horizontalis)</i>	Bloody finger grass	Annual weed, disturbed areas
<i>Diheteropogon amplexens</i>	Broad-leafed bluestem	Rocky sourveld
<i>Echinochloa pyramidalis</i>	Antelope grass / Jamvu	Wet areas
<i>Eleusine coracana</i> subsp. <i>africana</i>	Goose grass / Jongospolgras / Munyankoma	Disturbed areas
<i>Elionuris muticus</i>	Wire grass / Koperdraad	Sourveld and forest margins
<i>Eragrostis capensis</i>	Heart-seed love grass / Hartjiesgras	Sourveld and disturbed areas
<i>E. curvula</i>	Weeping love grass	Cane breaks
<i>E. gummiflua</i>	Gum grass / Gomgras	Sourveld and cane breaks
<i>E. plana</i>	Tough love grass / Mtshigi	Cane breaks
<i>Harporchloa falx</i>	Caterpillar grass / Ruspergras	Sourveld
<i>Hermarthria altissima</i>	Rooikweek	Wet areas
<i>Heteropogon contortus</i>	Spear grass / Assegaaigras	Sourveld
<i>Hyparrhenia anamesa</i>	Bundle thatching grass / Tamboekiegras	Roadside
<i>H. dichroa</i>	Red thatching grass / Rooitamboekiegras	Roadside
<i>H. filipendula</i> var. <i>pilosa</i>	Fine thatching grass	Roadside
<i>H. hirta</i>	Common thatching grass / dekgras	Roadside
<i>Imperata cylindrica</i> var. <i>africana</i>	Spear grass / Cottonwool grass / Steekgras	Wet areas
<i>Melica racemosa</i>	Fluffy grass / Flossiegras	Forest margins

<i>Melinis repens</i>	Natal red top	Disturbed areas
<i>Miscanthidium capense</i>	Pretty lady (Miss Canthidium)	Forest margins and riverbanks
<i>Monocymbium cerasiiforme</i>	Wild oat grass / Boat grass	Sourveld
<i>Panicum deustum</i>	Velvet leaves	Coastal dunes, Greenpoint
<i>P. dregeanum</i>	Plum Panicum / Ubabe	Weed of cane fields
<i>P. maximum</i>	Guinea grass / Buffelsgras / Ubabe	Weed of cane fields
<i>P. natalense</i>	Natal Panicum	Cane breaks
<i>Poa annua</i>	Annual blue grass	Winter lawns
<i>Paspalum commersonii</i>	Veld Paspalum	Sourveld and cane breaks
<i>P. dilatatum</i>	Common Paspalum	Cane breaks
<i>P. distichum</i>	Creeping Paspalum / Vleikweek	Wet areas and cane fields
<i>P. notatum</i>	Sports field Paspalum	Lawns and cane breaks
<i>P. urvillei</i>	Swamp Paspalum	Wet areas and cane fields
<i>Pennisetum clandestinum</i>	Kikuyu	Lawns pastures & waterways
<i>P. purpurium</i>	Napier fodder	Roadside and breaks
<i>Phragmites australis</i>	Common reed / Fluitjiesriet	Wetland and estuaries
<i>Pogonarthria squarrosa</i>	Herringbone grass / Sekelgras	Disturbed areas
<i>Rottboellia cochinchinensis</i>	Guinea-fowl grass / Itch grass	Weed of cane fields
<i>Saccharum</i> varieties	Sugarcane	Cultivated fields
<i>Setaria nigresata</i>	Vlei bristle grass	Wet areas
<i>S. megaphylla</i>	Ribbon grass / Riffelblaarmannegras	Forest and forest margins
<i>S. Pallide-fusca</i>	Garden bristle grass	Gardens and fallow fields
<i>S. sphacelata</i> var <i>sericea</i>	Golden bristle grass / Cat's tail grass	Cane breaks
<i>S. verticillata</i>	Bur bristle grass / Klitsgras	Gardens
<i>Sorghum bicolor</i>	Common wild sorghum / Qangaport	Cane fields
<i>Sporobolus africanus</i>	Ratstail / Dropseed / Taaipol	Cane breaks & disturbed areas
<i>S. fimbriatus</i>	Bushveld dropseed / Bosveldfynsaadgras	Disturbed areas & riverbanks
<i>S. pyramidalis</i>	Dropseed / Fynsaadgras	Cane breaks & disturbed areas

S. virginicus	Dune kweek	Coastal dunes & saline areas
Stenium concinnum	Sickle grass / Sekelgras	Sourveld
Stenotaphrum secundatum	Coastal buffalo grass / Buffelkweek	Lawn
Themeda triandra	Red grass / Rooigras	Good veld
Trachypogon spicatus	Giant spear grass / Bokbaardgras	Sourveld
Tragus berteronianus	Common carrot-seed grass	Cane breaks & disturbed areas
Tristachya leucothrix	Hairy trident Grass / Drieblomgras	Good veld
Urochloa panicoides	Garden signal grass / Tuinbeesgras	Gardens and disturbed areas
Vetiveria zizanioides	Vetiver grass / Khas-khas	Contour banks & open drains
Zea mays	Maize / Mealies	Cultivated crop

Weeds / Alien Vegetation List:

Please note: If any listed weed found in Clansthal is not shown in this list, please email the details to info@clansthalconservancy.org.za

A Little Info:

Alien or invasive weeds in South Africa are governed by the Conservation of Agricultural Resources Act, 1983 (CARA). Plants that threaten South Africa's agricultural resources are split into two groups, namely declared weeds and plant invaders, and are categorized as listed in the Key below.

For more information refer to:

Name	Email Address	Phone Number	Website address
Working for Water	info@wfw@dwaf.gov.za weedbuster@dwaf.gov.za	0800 005 376	www.dwaf.gov.za
Agricultural Geo-Referenced Information System			www.agis.agric.za/wip
Department of Agriculture	declareweedsandinvasion@nda.za		www.doa.agric.za





Key:

Description

- Category 1 : Weeds which may not be grown and must be controlled
- Category 2 : Invader plants with commercial or utility value, which may only be grown under permit controlled circumstances

Category 3 : Invader plants that have amenity value and which may be grown, but not planted, propagated, imported or traded. Category 3 plants may not be grown within 30m of watercourses and the Dept. of Agriculture may instruct you to control Category 3 plants in other areas.

ERRADICATION METHODS:

Symbol	Method	Safety	Comments
	Herbicide	Use all herbicides with caution. Wear gloves and clothing to cover the body. If spraying (not recommended) wear appropriate respirators. Do not allow anyone to stand downwind. Preferably use a brush to apply herbicide. Comply with manufacturer's instructions. Dispose of excess herbicide appropriately (not down drains, storm-water runoff or in streams). Store herbicide safely.	Only use registered herbicides. Refer to Department of Agriculture, Directorate of Land Use and Soil Management, (033) 345 3557 for advice. If the weeds are removed by cutting out, allow re-growth to show before applying herbicide.
	Cut out	Use correct, sharp tools. Wear appropriate personal protective equipment (PPE). Ensure people are trained in tools use. Protect yourself from insect bites, Beware of snakes. Dispose of cut weeds appropriately.	Get the roots out. Keep on coming back after removal as the seed load in the soil will cause re-invasion of cleared areas. May need to do this several times a year over several years.
	Bio Control	Only carried out by government agencies i.e. Agricultural Research Institute (ARC)	
	Poisonous	Plants and weeds marked with this icon are poisonous. Wear appropriate PPE and clothing. Do not eat, drink or smoke when working with these plants. Wash off any sap or plant fluids as soon as possible. Do not allow children to put any part of these plants in their mouths.	Replace these plants in your garden with indigenous plants.

WEED LIST:

Scientific name has been linked to photograph and plant information in MS Word documents.

Common Name	Scientific Name	Category	Origin
			   

Brazilian Guavas & Durban Guavas	Psidium guineense & Psidium durbanensis	3 & 1	Tropical America & South Africa	x	x	
Bugweed, Bugtree	<i>Solanum mauritanium</i>	1	South America	x	x	x
Caster-oil bush	Ricinus communis	2	Tropical Africa	x	x	x
Cat's Claw creeper	Macfadyena unguis-cati	1	Mexico-Argentina	x	x	
Cherry Hedge, Surinam Cherry	Eugenia uniflora	1 / 3	Brazil & Guyana	x	x	
Coral bush	Ardisia crenata	1	South-east Asia	x	x	
Crofton weed	Ageratina adenophora	1	Central America	x	x	
Elephant grass, Napier Fodder	Pennisetum purpureum	Not Declared	Tropical Africa	x	x	
Giant or Spanish reed	Arundo donax	1	Mediterranean	x	x	
Guava	Psidium guajava	2	Tropical America	x	x	
Invading Ageratum & Mexican Ageratum	Ageratum conyzoides	1	South & Central America	x	x	x
Jacaranda	Jacaranda mimosifolia	3	North-west Argentina	x	x	
Red Ginger Lily, Kahili Ginger Lily	Hedychium coccineum	1	Himalayas	x	x	
White Ginger Lily Yellow Ginger Lily	<i>Hedychium coronarium</i> Hedychium flavescens	1	India to Indonesia Himalayas	x	x	
St. Josephs Lily	Lilium formosanum	3	Taiwan		x	x
Madeira Weed	Anredera cordifolia	1	South America	x	x	x
Mexican Sunflower	<i>Tithonia diversifolia</i>	1	South America	x	x	
Moonflower, Morning Glory	Ipomoea alba Ipomoea indica	1 / 3	Tropical Americas	x	x	x
Oleander	Nerium oleander	1	Mediterranean	x	x	x
Jointed Cactus	Opuntia aurantiaca	1	Argentina	x	x	
Pampas Grass	Cortaderia selloana	1	South America	x	x	
Peanut Butter Casia	<i>Senna didymobotrya</i>	3	Africa	x	x	x
Queensland Umbrella tree	<i>Schefflera actinophylla</i>	Not declared	Tropical Australia, New Guinea	x	x	
Rivina, Rouge Plant,	Rivina humilis	1	USA		x	

Bloodberry						
Slash Pine	Pinus elliotii	2	North America		x	
Syringa	Melia azedarach	3	Asia	x	x	
Triffid Weed	Chromolaena odorata	1	Central & South America	x	x	
Yellow Bells	Tecoma stans	1	Tropical America	x	x	x