Alien species in South Africa's national parks

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Online Checklist. Checklist of alien species in South Africa's 19 national parks. The list is organised by kingdom, class, then family. Common names can be seen in the Online Index. Information sources for the data are provided below the checklist.

National Parks: AE: Addo Elephant, AG: Agulhas, AF: Augrabies Falls, BO: Bontebok, CA: Camdeboo, GG: Golden Gate Highlands, GR: Garden Route, KG: Kalahari Gemsbok, KA: Karoo, KR: Kruger, MO: Mokala, MP: Mapungubwe, MR: Marakele, MZ: Mountain Zebra, NA: Namaqua, RI: Richtersveld, TK: Tankwa Karoo, TM: Table Mountain, WC: West Coast

Data sources are divided into publications, grey literature and databases. The specialists and park staff that provided information are listed in the acknowledgements of the paper. Publications include peer-reviewed literature and books. Grey literature includes reports. Databases include the Working for Water Information Management System, online databases such as the Birds in Reserves Project and National Parks databases such as CyberTracker data.

^{SA} South African species, now outside its historical distribution range (extralimital), * Range expanded, ^{BC} Biocontrol agents

Checklist of alien species in South Africa's 19 national parks

[illegible]

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Animalia																			
Insecta																			
Crambidae																			
<i>Niphograptus albiguttalis</i> ^{BC}										1									
<i>Pseudopyrausta acutangulalis</i> ^{BC}										1									
<i>Sameodes albiguttalis</i> ^{BC}										1									
Curculionidae																			
<i>Cyrtobagous salviniae</i> ^{BC}										1									
<i>Erytenna consputa</i> ^{BC}						1													
<i>Melanterius maculatus</i> ^{BC}	1					1													
<i>Melanterius servilus</i> ^{BC}		1				1											1		
<i>Neochetina bruchi</i> ^{BC}										1									
<i>Neochetina eichhorniae</i> ^{BC}										1									
<i>Neodiplogrammus quadrivittatus</i> ^{BC}										1									
<i>Neohydronomus affinis</i> ^{BC}										1									
<i>Rhyssomatus marginatus</i> ^{BC}										1									
Dactylopiidae																			
<i>Dactylopius opuntiae</i> ^{BC}										1									
<i>Dactylopius tomentosus</i> ^{BC}					1														
Formicidae																			
<i>Camponotus rufoglaucus</i> ^{SA}										1									
<i>Lepisiota incisa</i> ^{SA}										1									
<i>Linepithema humile</i>																	1		
Gracillariidae																			
<i>Parectopa thalassias</i> ^{BC}		1				1													
Gryllidae																			
<i>Gryllodes supplicans</i>										1									
Lepismatidae																			
<i>Ctenolepisma longicaudata</i>										1									
Mirid																			
<i>Eccritotarsus catarinensis</i> ^{BC}										1									
<i>Falconia intermedia</i> ^{BC}										1									
Noctuidae																			
<i>Hypena strigata</i> ^{BC}										1									
Ortheziidae																			
<i>Orthezia insignis</i>										1									
Pieridae																			
<i>Pieris brassicae</i>																	1		
Pyralidae																			
<i>Cactoblastis cactorum</i> ^{BC}					1					1			1						

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Animalia																			
Insecta																			
Tingidae																			
<i>Teleonemia scrupulosa</i> ^{BC}										1									
Vespidae																			
<i>Vespula germanica</i>																		1	
Malacostraca																		3	
Armadillidiidae																			
<i>Armadillidium vulgare</i>																		1	
Porcellionidae																			
<i>Porcellio scaber</i>																		1	
<i>Porcellionides pruinosus</i>																		1	
Mammalia	12	6	2	1	4		7	1	8	3	4	2	5	3	2	3	7	2	8
Bovidae																			
<i>Aepyceros melampus</i> ^{SA}	1								1				1						
<i>Antidorcas marsupialis</i> ^{SA}		1																	1
<i>Bos taurus</i>	1	1			1		1		1		1								
<i>Capra hircus</i>	1		1		1		1		1		1				1	1		1	
<i>Connochaetes taurinus</i> ^{SA}	1																		1
<i>Damaliscus pygargus</i> ^{SA}	1								1								1		1
<i>Hemitragus jemlahicus</i>																	1		
<i>Hippotragus niger</i> ^{SA}													1						
<i>Kobus ellipsiprymnus</i> ^{SA}	1												1						
<i>Oryx gazella</i> ^{SA}																			1
<i>Ovis aries</i>		1																	
<i>Tragelaphus angasii</i> ^{SA}	1											1	1						
<i>Tragelaphus strepsiceros</i> ^{SA}																			1
Canidae																			
<i>Canis familiaris</i>	1	1			1		1		1					1		1	1		
Cervidae																			
<i>Dama dama</i>		1					1		1								1		
<i>Rusa unicolor</i>																	1		
Equidae																			
<i>Equus asinus</i>	1		1				1				1								
<i>Equus burchellii</i> ^{SA}	1																		
<i>Equus caballus</i>									1										
Felidae																			
<i>Felis catus</i>	1			1	1		1	1	1	1	1	1	1	1	1	1	1	1	1
Leporidae																			
<i>Oryctolagus cuniculus</i>																			1

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC			
Animalia																						
Mammalia																						
Muridae																						
Mus musculus			1							1									1			
Rattus rattus										1												
Sciuridae																						
Sciurus carolinensis																	1					
Suidae																						
Phacochoerus africanus ^{SA}														1								
Sus scrofa		1					1															
Maxillopoda																						
Balanidae																						
Balanus glandula																			1			
Oligochaeta																						
Lumbricidae																	4					
Aporrectodea caliginosa																	1					
Dendrobaena cognetti																	1					
Lumbricus eiseni																	1					
Lumbricus rubellus																	1					
Reptilia																						
Gekkonidae		1																				
Lygodactylus capensis ^{SA}		1																				
Bacteria																						
										1												
<u>Bacilli</u>										1												
Bacillaceae																						
Bacillus anthracis												1										
Fungi																						
						1					1											
<u>Dothideomycetes</u>										1												
Mycosphaerellaceae																						
Cercospora piaropi ^{BC}												1										
<u>Sordariomycetes</u>										1												
Glomerellaceae																						
Colletotrichum gloeosporioides ^{BC}											1											

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Plantae	106	75	39	54	44	171	56	12	22	350	37	19	21	69	18	8	239	24	14
<u>Cycadopsida</u>										3									
Cycadaceae																			
<i>Cycas circinalis</i>										1									
<i>Cycas revoluta</i>										1									
Zamiaceae																			
<i>Encephalartos ferox</i> ^{SA}										1									
<u>Magnoliopsida</u>	103	69	38	54	42	162	51	12	22	341	36	19	21	68	18	8	228	24	13
Acanthaceae																			
<i>Acanthus mollis</i>										1							1		
<i>Hypoestes phyllostachya</i>										1									
<i>Justicia brandegeana</i>										1									
<i>Megaskepasma erythrochlamys</i>										1									
<i>Odontonema tubaeforme</i>										1									
<i>Sanchezia oblonga</i>										1									
<i>Strobilanthes dyerianus</i>										1									
<i>Thunbergia alata</i>						1				1									
Adoxaceae																			
<i>Sambucus canadensis</i>						1													
Agapanthaceae																			
<i>Agapanthus praecox</i> ^{SA}																	1		
Agavaceae																			
<i>Agave americana</i>					1								1		1		1	1	
<i>Agave attenuata</i>										1									
<i>Agave sisalana</i>	1	1			1	1			1	1	1		1	1			1	1	
<i>Agave vivipara</i>										1									
<i>Yucca aloifolia</i>																	1		
<i>Yucca gloriosa</i>																	1		
Aizoaceae																			
<i>Zaleya pentandra</i> ^{SA}										1									
Alliaceae																			
<i>Allium neapolitanum</i>										1									
<i>Allium triquetrum</i>						1													
<i>Nothoscordum gracile</i>						1				1									
Alstroemeriaceae																			
<i>Alstroemeria pelegrina</i>										1									
Amaranthaceae																			
<i>Achyranthes aspera</i>	1					1	1			1	1						1		
<i>Alternanthera ficoidea</i>										1									
<i>Alternanthera pungens</i>										1	1			1					
<i>Alternanthera sessilis</i>										1									

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Plantae																			
Amaranthaceae																			
Amaranthus deflexus																	1		
Amaranthus hybridus	1																		
Amaranthus spinosus										1									
Amaranthus viridis																	1		
Atriplex lindleyi					1				1				1		1				1
Atriplex nummularia	1				1				1				1		1		1	1	
Atriplex semibaccata						1								1					
Chenopodium album	1		1			1		1		1							1	1	
Chenopodium mucronatum														1					
Chenopodium murale						1							1				1		
Chenopodium polyspermum										1									
Dysphania ambrosioides			1			1				1									
Dysphania carinata	1										1								
Dysphania schraderiana														1					
Gomphrena celosioides	1									1									
Guilleminea densa										1							1		
Hymenocallis littoralis										1									
Iresine herbstii										1									
Pupalia lappacea ^{SA}	1									1									
Salsola kali	1		1		1			1	1					1	1	1	1	1	
Anacardiaceae																			
Harpephyllum caffrum ^{SA}										1									
Mangifera indica										1									
Rhus lancea ^{SA}										1									
Schinus molle	1				1			1	1				1	1	1	1	1	1	
Schinus terebinthifolia																	1		
Annonaceae										1									
Annona reticulata																			
Apiaceae																			
Ammi majus														1					
Apium graveolens						1											1		
Cyclospermum leptophyllum	1					1								1					
Foeniculum vulgare																	1		
Torilis arvensis ^{SA}	1																		
Apocynaceae																			
Allamanda cathartica										1									
Araujia sericifera						1											1		
Asclepias curassavica										1									
Beaumontia grandiflora										1									

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Plantae																			
Aristolochiaceae																			
<i>Aristolochia littoralis</i>							1			1	1								
Asphodelaceae																			
<i>Aloe arborescens</i> ^{SA}																	1		
<i>Aloe greatheadii</i> ^{SA}										1									
Asteraceae																			
<i>Acanthospermum australe</i>										1									
<i>Acanthospermum hispidum</i>										1									
<i>Ageratina adenophora</i>																	1		
<i>Ageratum conyzoides</i>										1									
<i>Ageratum houstonianum</i>										1									
<i>Anthemis cotula</i>														1					
<i>Aster subulatus</i>						1													
<i>Bidens bipinnata</i>																	1		
<i>Bidens biternata</i>										1									
<i>Bidens pilosa</i>	1				1	1				1	1			1			1		
<i>Brachylaena discolor</i> ^{SA}																	1		
<i>Campuloclinium macrocephalum</i>												1							
<i>Carduus tenuiflorus</i>	1																		
<i>Centaurea melitensis</i>	1																		
<i>Chromolaena odorata</i>							1			1									
<i>Cirsium vulgare</i>	1	1		1	1	1	1		1	1				1				1	
<i>Conyza albida</i>																		1	
<i>Conyza bonariensis</i>			1			1				1								1	
<i>Conyza canadensis</i>						1												1	
<i>Conyza scabrida</i> ^{SA}								1											
<i>Conyza sumatrensis</i>						1				1									
<i>Cosmos bipinnatus</i>										1									
<i>Dittrichia graveolens</i>						1													
<i>Eclipta prostrata</i>										1									
<i>Facelis retusa</i>						1													
<i>Flaveria bidentis</i>										1	1								
<i>Galinsoga ciliata</i>	1																		
<i>Galinsoga parviflora</i>						1													
<i>Gamochaeta purpurea</i>	1																		
<i>Helianthus annuus</i>										1									
<i>Hypochoeris brasiliensis</i>	1																		
<i>Hypochoeris glabra</i>		1		1															
<i>Hypochoeris radicata</i>	1	1		1		1												1	
<i>Lactuca inermis</i> ^{SA}														1					

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Plantae																			
Asteraceae																			
<i>Parthenium hysterophorus</i>							1			1									
<i>Pseudognaphalium luteoalbum</i>						1				1									
<i>Schkuhria pinnata</i>	1									1	1			1					
<i>Senecio tamoides</i> ^{SA}																	1		
<i>Sonchus asper</i>						1				1							1		
<i>Sonchus dregeanus</i> ^{SA}						1													
<i>Sonchus oleraceus</i>	1		1			1				1							1		
<i>Sphagneticola trilobata</i>										1									
<i>Symphyotrichum squamatum</i>	1																		
<i>Tagetes minuta</i>	1									1				1					
<i>Taraxacum officinale</i>						1											1		
<i>Tithonia diversifolia</i>						1				1									
<i>Tragopogon dubius</i>						1													
<i>Tridax procumbens</i>										1									
<i>Verbesina encelioides</i>	1		1					1			1			1					
<i>Xanthium spinosum</i>	1				1				1		1			1				1	
<i>Xanthium strumarium</i>			1		1		1			1	1		1				1		
<i>Zinnia peruviana</i>										1									
Balsaminaceae																			
<i>Impatiens walleriana</i>										1									
Basellaceae																			
<i>Anredera cordifolia</i>	1					1				1							1		
<i>Basella alba</i> ^{SA}										1									
<i>Basella paniculata</i>										1									
Berberidaceae																			
<i>Nandina domestica</i>										1									
Betulaceae																			
<i>Alnus viridis</i>															1				
Bignoniaceae																			
<i>Amphilophium buccinatorium</i>										1									
<i>Campsis grandiflora</i>										1									
<i>Dolichandra unguis-cati</i>	1						1			1	1								
<i>Fridericia mollis</i>										1									
<i>Jacaranda mimosifolia</i>	1						1			1		1					1		
<i>Pyrostegia venusta</i>										1									
<i>Spathodea campanulata</i>										1									
<i>Tabebuia ochracea</i>										1									
<i>Tecoma stans</i>										1	1								

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Plantae																			
Boraginaceae																			
<i>Echium plantagineum</i>		1	1														1		
<i>Echium vulgare</i>				1			1										1		
<i>Heliotropium indicum</i>										1									
Brassicaceae																			
<i>Capsella bursa-pastoris</i>	1		1			1								1			1		
<i>Coronopus integrifolius</i>			1																
<i>Descurainia sophia</i>														1					
<i>Eruca vesicaria</i>	1																		
<i>Lepidium bonariense</i>										1									
<i>Lepidium didymum</i>	1																		
<i>Lepidium draba</i>														1					
<i>Lepidium ruderales</i>										1									
<i>Nasturtium officinale</i>																	1		
<i>Neslia paniculata</i>																	1		
<i>Raphanus raphanistrum</i>	1	1		1		1											1		
<i>Rapistrum rugosum</i>																	1		
<i>Sisymbrium orientale</i>	1													1					
Bromeliaceae																			
<i>Tillandsia usneoides</i>										1									
Cactaceae																			
<i>Austrocylindropuntia cylindrica</i>									1	1				1					
<i>Cereus jamacaru</i>	1	1			1		1		1	1	1	1	1	1			1		
<i>Cylindropuntia fulgida</i>					1						1								
<i>Cylindropuntia imbricata</i>	1				1	1			1	1		1		1					
<i>Cylindropuntia leptocaulis</i>										1									
<i>Cylindropuntia tunicata</i>					1														
<i>Echinopsis oxygona</i>										1									
<i>Echinopsis spachiana</i>	1				1		1						1	1					
<i>Harrisia martinii</i>										1									
<i>Hylocereus undatus</i>										1									
<i>Myrtillocactus geometrizans</i>	1																		
<i>Opuntia articulata</i>			1															1	
<i>Opuntia aurantiaca</i>	1				1		1			1				1					
<i>Opuntia engelmannii</i>													1						
<i>Opuntia ficus-indica</i>	1	1		1	1	1			1	1	1	1	1	1	1		1	1	
<i>Opuntia humifusa</i>					1													1	
<i>Opuntia monacantha</i>		1		1						1									1
<i>Opuntia robusta</i>																	1		
<i>Opuntia stricta</i>					1					1	1	1					1		

[illegible]

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Plantae																			
Crassulaceae																			
<i>Bryophyllum daigremontianum</i>										1									
<i>Bryophyllum delagoense</i>		1		1		1				1									
<i>Bryophyllum gastonis-bonnierii</i>										1									
<i>Bryophyllum pinnatum</i>										1									
<i>Kalanchoe beharensis</i>										1									
<i>Kalanchoe fedtschenkoi</i>										1									
Cucurbitaceae																			
<i>Luffa cylindrica</i>										1									
<i>Momordica charantia</i>										1									
Cyperaceae																			
<i>Cyperus compressus</i>										1									
<i>Cyperus cyperoides</i>										1									
<i>Cyperus esculentus</i>																	1		
<i>Cyperus rotundus</i>														1			1		
<i>Schoenoplectus triqueter</i>						1													
Ericaceae																			
<i>Erica blenna</i> ^{SA}																	1		
<i>Erica glandulosa</i> ^{SA}																	1		
<i>Erica speciosa</i> ^{SA}																	1		
<i>Erica versicolor</i> ^{SA}																	1		
Euphorbiaceae																			
<i>Acalypha wilkesiana</i>										1									
<i>Codiaeum variegatum</i>										1									
<i>Euphorbia cyathophora</i>										1									
<i>Euphorbia helioscopia</i>																	1		
<i>Euphorbia heterophylla</i>										1									
<i>Euphorbia hirta</i>																	1		
<i>Euphorbia hypericifolia</i>										1									
<i>Euphorbia inaequilatera</i>																	1		
<i>Euphorbia leucocephala</i>										1									
<i>Euphorbia milii</i>										1									
<i>Euphorbia peplus</i>				1													1		
<i>Euphorbia prostrata</i>										1							1		
<i>Euphorbia pulcherrima</i>										1									
<i>Euphorbia tithymaloides</i>										1									
<i>Homalanthus populifolius</i>																	1		
<i>Jatropha podagrica</i>										1									
<i>Manihot esculenta</i>										1									
<i>Ricinus communis</i>	1	1	1	1	1	1	1			1	1				1	1	1	1	

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Plantae																			
Fabaceae																			
<i>Acacia baileyana</i>	1	1				1	1										1		
<i>Acacia cyclops</i>	1	1		1		1			1						1		1	1	1
<i>Acacia dealbata</i>		1		1			1			1							1		
<i>Acacia decurrens</i>						1	1												
<i>Acacia elata</i>						1											1		
<i>Acacia implexa</i>																	1		
<i>Acacia longifolia</i>	1	1				1	1										1		1
<i>Acacia mearnsii</i>	1	1		1	1	1	1		1								1		
<i>Acacia melanoxylon</i>	1			1		1						1					1		
<i>Acacia paradoxa</i>																	1		
<i>Acacia podalyriifolia</i>						1											1		
<i>Acacia pycnantha</i>		1				1											1		
<i>Acacia saligna</i>	1	1		1		1	1								1		1		1
<i>Acacia stricta</i>						1													
<i>Adenanthera pavonina</i>										1									
<i>Aeschynomene indica</i>										1									
<i>Bauhinia purpurea</i>	1									1									
<i>Bauhinia variegata</i>										1									
<i>Caesalpinia decapetala</i>										1									
<i>Caesalpinia gilliesii</i>										1									
<i>Caesalpinia pulcherrima</i>										1									
<i>Cajanus cajan</i>										1									
<i>Calliandra brevipes</i>										1									
<i>Clitoria ternatea</i>										1									
<i>Delonix regia</i>										1	1	1							
<i>Erythrina pallida</i>										1									
<i>Genista monspessulana</i>																	1		
<i>Gleditsia triacanthos</i>					1														
<i>Gliricidia sepium</i>										1									
<i>Leucaena leucocephala</i>			1							1									
<i>Lotus subbiflorus</i>						1													
<i>Lupinus angustifolius</i>																	1		
<i>Medicago polymorpha</i>						1											1		
<i>Medicago sativa</i>						1													
<i>Melilotus albus</i>			1			1													
<i>Melilotus indicus</i>						1													
<i>Mimosa pigra</i>							1			1									
<i>Ornithopus sativus</i>						1													
<i>Paraserianthes lophantha</i>	1	1				1	1										1		

[illegible]

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Plantae																			
Haloragaceae																			
<i>Myriophyllum aquaticum</i>										1									
<i>Myriophyllum spicatum</i>						1													
Hemerocallidaceae																			
<i>Dianella tasmanica</i>																	1		
<i>Phormium tenax</i>																	1		
Hyacinthaceae																			
<i>Ornithogalum thyrsoides</i> ^{SA}																			1
Hypericaceae																			
<i>Hypericum perforatum</i>																	1		
Hypoxidaceae																			
<i>Molineria capitulata</i>										1									
Iridaceae																			
<i>Iris domestica</i>										1									
<i>Neomarica caerulea</i>										1									
Lamiaceae																			
<i>Ajuga reptans</i>										1									
<i>Cedronella canariensis</i>																	1		
<i>Clerodendrum splendens</i>										1									
<i>Clerodendrum thomsoniae</i>										1									
<i>Lamium amplexicaule</i>				1															
<i>Plectranthus barbatus</i>			1			1											1		
<i>Plectranthus scutellarioides</i>										1									
<i>Salvia microphylla</i>										1									
<i>Vitex trifolia</i>										1									
Lauraceae																			
<i>Cassytha filiformis</i>		1								1									
<i>Cinnamomum camphora</i>										1	1						1		
<i>Litsea glutinosa</i>										1									
<i>Persea americana</i>										1									
Liliaceae																			
<i>Cordyline fruticosa</i>										1									
Lythraceae																			
<i>Heimia myrtifolia</i>				1															
<i>Lagerstroemia indica</i>										1									
<i>Lythrum salicaria</i>																	1		
Malvaceae																			
<i>Brachychiton populneus</i>										1									
<i>Ceiba pentandra</i>										1									
<i>Corchorus tridens</i>										1									

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Plantae																			
Myrtaceae																			
<i>Eucalyptus sideroxylon</i>		1				1													
<i>Eugenia uniflora</i>										1									
<i>Leptospermum laevigatum</i>		1				1											1		
<i>Melaleuca leucadendra</i>										1									
<i>Metrosideros excelsa</i>																	1		
<i>Psidium guajava</i>	1					1				1		1	1				1		
<i>Syzygium cumini</i>										1									
<i>Syzygium paniculatum</i>						1				1							1		
Nyctaginaceae																			
<i>Boerhavia diffusa</i>								1		1									
<i>Bougainvillea glabra</i>										1									
<i>Bougainvillea spectabilis</i>										1									
<i>Mirabilis jalapa</i>										1									
Oleaceae																			
<i>Fraxinus americana</i>										1							1		
<i>Ligustrum japonicum</i>																	1		
<i>Ligustrum sinense</i>																	1		
<i>Ligustrum vulgare</i>										1									
Onagraceae																			
<i>Fuchsia c.f. regia</i>						1													
<i>Oenothera indecora</i>	1																		
<i>Oenothera jamesii</i>						1													
<i>Oenothera parodiana</i>	1																		
<i>Oenothera rosea</i>						1													
<i>Oenothera stricta</i>						1													
Orchidaceae																			
<i>Epidendrum obrienianum</i>										1									
<i>Vanilla roscheri</i>										1									
Orobanchaceae																			
<i>Orobanche minor</i>		1																	
Oxalidaceae																			
<i>Oxalis corniculata</i>	1					1				1									
<i>Oxalis latifolia</i>						1				1							1		
Pandanaceae																			
<i>Pandanus tectorius</i>										1									
<i>Pandanus utilis</i>										1									
Papaveraceae																			
<i>Argemone mexicana</i>	1		1				1		1	1			1		1		1	1	
<i>Argemone ochroleuca</i>	1		1		1			1		1	1		1	1	1	1	1	1	

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Plantae																			
Papaveraceae																			
<i>Papaver aculeatum</i> ^{SA}																	1		
Passifloraceae																			
<i>Passiflora caerulea</i>		1		1		1											1		
<i>Passiflora edulis</i>				1		1				1									
<i>Passiflora mollissima</i>						1													
Phyllanthaceae																			
<i>Breynia disticha</i>										1									
Phytolaccaceae																			
<i>Phytolacca dioica</i>										1							1		
<i>Phytolacca octandra</i>																	1		
<i>Rivina humilis</i>										1									
Piperaceae																			
<i>Peperomia marmorata</i>										1									
Pittosporaceae																			
<i>Pittosporum undulatum</i>						1											1		
Plantaginaceae																			
<i>Plantago lanceolata</i>	1					1											1		
<i>Plantago major</i>						1				1				1					
<i>Plantago virginica</i>	1																		
Platanaceae																			
<i>Platanus acerifolia</i>																	1		
Plumbaginaceae																			
<i>Plumbago zeylanica</i>											1								
Poaceae																			
<i>Agrostis avenacea</i>						1													
<i>Aira cupaniana</i>		1		1															
<i>Ammophila arenaria</i>		1																	
<i>Arundo donax</i>		1	1	1	1	1	1		1	1	1			1			1	1	
<i>Avena fatua</i>						1											1		
<i>Axonopus fissifolius</i>										1									
<i>Bambusa balcooa</i>										1									
<i>Bambusa multiplex</i>										1									
<i>Bambusa vulgaris</i>										1									
<i>Brachypodium distachyon</i>						1													
<i>Briza maxima</i>		1		1		1				1				1			1		
<i>Briza minor</i>		1		1		1											1		
<i>Bromus catharticus</i>	1					1								1			1		
<i>Bromus diandrus</i>						1											1		
<i>Bromus pectinatus</i> ^{SA}														1					

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Plantae																			
Poaceae																			
<i>Bromus rigidus</i>																			1
<i>Cenchrus brownii</i>										1									
<i>Cenchrus incertus</i>				1													1		
<i>Chloris virgata</i> ^{SA}														1					
<i>Cortaderia jubata</i>						1													
<i>Cortaderia selloana</i>		1		1		1				1				1			1		
<i>Cynodon dactylon</i>						1											1		
<i>Digitaria nuda</i>										1									
<i>Digitaria sanguinalis</i>						1				1									
<i>Diplotaxis muralis</i>	1									1									
<i>Echinochloa crus-galli</i>										1								1	
<i>Echinochloa pyramidalis</i>																		1	
<i>Eleusine coracana</i> ^{SA}														1					
<i>Eragrostis barrelieri</i>										1				1					
<i>Eragrostis pilosa</i> ^{SA}				1															
<i>Eragrostis tef</i>				1															
<i>Eragrostis virescens</i>				1															
<i>Hordeum murinum</i>		1		1														1	
<i>Hordeum stenostachys</i>														1					
<i>Lagurus ovatus</i>						1												1	
<i>Lolium multiflorum</i>						1												1	
<i>Lolium perenne</i>						1													
<i>Lolium rigidum</i>	1																		
<i>Lolium temulentum</i>						1													
<i>Melinis repens</i> ^{SA}														1					
<i>Nasella trichotoma</i>					1													1	
<i>Panicum maximum</i> ^{SA}																		1	
<i>Panicum schinzii</i> ^{SA}																		1	
<i>Paspalum dilatatum</i>	1	1		1		1								1					
<i>Paspalum distichum</i>						1													
<i>Paspalum urvillei</i>										1									
<i>Pennisetum clandestinum</i>		1	1	1	1	1				1				1				1	
<i>Pennisetum purpureum</i>									1	1								1	
<i>Pennisetum setaceum</i>		1	1	1	1	1			1	1	1	1	1	1				1	
<i>Phalaris arundinacea</i>	1					1													
<i>Phalaris minor</i>	1	1		1														1	
<i>Poa annua</i>		1		1		1								1				1	
<i>Poa pratensis</i>						1													
<i>Polypogon monspeliensis</i>	1		1	1		1								1			1	1	

[illegible]

[illegible]

AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Plantae

Rutaceae

Agathosma crenulata^{SA}

1

Citrus aurantiifolia

1

Citrus limon

1

Citrus sinensis

1

Salicaceae

Populus alba

1

1

1

1

Populus canescens

1

1

1

1

1

1

1

1

Populus deltoides

1

Populus nigra

1

Salix babylonica

1

1

1

1

1

1

Salix fragilis

1

Sapindaceae

Acer negundo

1

Cardiospermum grandiflorum

1

1

1

1

Cardiospermum halicacabum

1

Litchi chinensis

1

Scrophulariaceae

Buddleja madagascariensis

1

1

Myoporum insulare

1

1

1

Myoporum montanum

1

1

1

1

Verbascum virgatum

1

Veronica persica

1

Simaroubaceae

Ailanthus altissima

1

Solanaceae

Browallia americana

1

Brugmansia arborea

1

Brunfelsia pauciflora

1

Capsicum annuum

1

Cestrum diurnum

1

Cestrum elegans

1

Cestrum laevigatum

1

1

1

Datura ferox

1

1

1

1

1

1

1

1

1

1

Datura innoxia

1

1

1

Datura stramonium

1

1

1

1

1

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1

1

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1

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1

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1

1

Nicandra physalodes

1

1

1

Nicotiana glauca

1

1

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1

1

1

1

1

1

1

1

1

1

1

Physalis angulata

1

Physalis peruviana

1

1

1

1

[illegible]

	AE	AG	AF	BO	CA	GR	GG	KG	KA	KR	MP	MR	MO	MZ	NA	RI	TM	TK	WC
Plantae																			
Zingiberaceae																			
<i>Alpinia zerumbet</i>						1				1									
<i>Hedychium coccineum</i>										1							1		
<i>Hedychium coronarium</i>										1									
<i>Hedychium gardnerianum</i>										1									
<i>Zingiber zerumbet</i>										1									
Zygophyllaceae																			
<i>Tribulus terrestris</i> ^{SA}																	1		
Pinopsida	1	6			1	5	3							1			9		1
Cupressaceae																			
<i>Cryptomeria japonica</i>																	1		
<i>Cupressus macrocarpa</i>																	1		
Pinaceae																			
<i>Pinus canariensis</i>		1				1											1		
<i>Pinus halepensis</i>		1			1		1										1		
<i>Pinus patula</i>							1												
<i>Pinus pinaster</i>		1				1							1				1		1
<i>Pinus pinea</i>		1															1		
<i>Pinus radiata</i>	1	1				1											1		
<i>Pinus roxburghii</i>		1				1											1		
<i>Pinus taeda</i>						1	1												
Podocarpaceae																			
<i>Afrocarpus falcatus</i> ^{SA}																	1		
Pteridopsida	2		1		1	4	2			6	1						2		
Aspleniaceae																			
<i>Asplenium nidus</i>										1									
Azollaceae																			
<i>Azolla filiculoides</i>	1		1		1		1			1	1								
Cyatheaceae																			
<i>Cyathea australis</i>										1									
<i>Sphaeropteris cooperi</i>						1													
Lomariopsidaceae																			
<i>Nephrolepis exaltata</i>						1				1							1		
Polypodiaceae																			
<i>Phlebodium aureum</i>										1									
Pteridaceae																			
<i>Adiantum raddianum</i>	1					1													
Salviniaceae																			
<i>Salvinia adnata</i>						1	1			1							1		
	130	88	44	69	54	199	68	15	35	400	45	27	28	75	23	14	291	30	35

Data sources by park

Addo Elephant National Park

Publications:

Branch, W.R. & Braack, H.H. 1987. Reptiles and amphibians of the Addo Elephant National Park. *Koedoe* 30, 61-111.

Robinson, T.B., Griffiths, C.L., McQuaid, C.D. & Rius, M. 2005. Marine alien species of South Africa – status and impacts. *African Journal of Marine Science* 27, 297-306.

van Wyk, B.E., van Wyk, C.M. & Novellie, P.A. 1988. Flora of the Zuurberg National Park. 2. An annotated checklist of ferns and seed plants. *Bothalia* 18, 221 – 232.

Grey Literature:

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Bezuidenhout, H. 1993. Alfabetiese lys van Addo Nasionale Park. Ongepubliseerde interne verslag. AERU kantore, Kimberley.

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Databases: Birds in Reserves Project, CyberTracker data, ISCU Biocontrol Database, Working for Water Information Management System

Agulhas National Park

Publications:

Rouget, M. & Richardson, D.M. 2003. Inferring process from pattern in plant invasions: a semimechanistic model incorporating propagule pressure and environmental factors. *American Naturalist* 162, 713-724.

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Grey Literature:

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Bickerton, I.B. 1984. Heuningnes (CSW 19). Report No. 25. In: Heydorn, A.E.F. & J.R. Grindley (Eds.). Estuaries of the Cape. Part II: Synopsis of available information on individual systems. Council for Scientific and Industrial Research (CSIR Research report no. 424).

Skinner, J.D. & Smithers, R.H.N. 1990. The mammals of the southern African subregion. University of Pretoria, Pretoria.

Walsh, B.N. 1968. Some notes on the incidence and control of driftsands along the Caledon, Bredasdorp and Riversdale coastline of South Africa. Department of Forestry.

Databases: CyberTracker data, ISCU Biocontrol Database, Working for Water Information Management System

Augrabies Falls National Park

Publications:

Zietsman, P.C. & Bezuidenhout, H. 1999. Flowering plant biodiversity of Augrabies Falls National Park: a comparison between Augrabies Falls National Park, Kalahari Gemsbok National Park, Vaalbos National Park and Goegap Nature Reserve. *Koedoe* 42, 95-112.

Grey Literature:

Augrabies National Park. 2008. Park Management Plan. March 2008. South African National Parks.

Birds of Augrabies Falls National Park. Compiled September 2004. <http://www.sanparks.org/groups/birders/checklists/birds-augrabies.pdf> Accessed 20 September 2010.

Databases: Birds in Reserves Project, CyberTracker data, Kimberly South African National Park Herbarium, Working for Water Information Management System

Bontebok National Park

Publications:

Braack, H.H. 1981. Lower vertebrates of the Bontebok National Park. *Koedoe* 24, 67-77.

Cambray, J.A. & Stuart, C.T. 1985. Aspects of the biology of a rare redbin minnow, *Barbus burchellii* (Pisces, Cyprinidae), from South Africa. *South African Journal of Zoology* 20, 155-165.

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Grey Literature:

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Bontebok National Park. 2008. Park Management Plan. March 2008. South African National Parks.

De Moor, J. & Bruton, M.N. 1988. Atlas of alien and translocated indigenous aquatic animals in southern Africa. South African National Scientific Programmes Report 144. Council for Scientific and Industrial Research, Pretoria.

Databases: Birds in Reserves Project, Working for Water Information Management System

Camdeboo National Park

Publications:

Masubelele, M.L., Foxcroft, L.C. & Milton, S.J. 2009. Alien plant species list and distribution for Camdeboo National Park, Eastern Cape Province, South Africa. *Koedoe* 51, 80-89.

Grey Literature:

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Camdeboo National Park. 2008. Park Management Plan. March 2008. South African National Parks.

Databases: CyberTracker data, ISCU Biocontrol Database, Working for Water Information Management System

Garden Route National Park

Publications:

- Coates, T.J. 1970. Checklist of the Collembola of South African parks (Part 1), *Koedoe* 13, 181-184.
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Grey Literature:

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- Tsitsikamma National Park. 2008. Park Management Plan. March 2008. South African National Parks.
- Wilderness National Park. 2008. Park Management Plan. March 2008. South African National Parks.

Databases: Birds in Reserves Project, ISCU Biocontrol Database, Working for Water Information Management System

Golden Gate Highlands National Park

Publications:

- Russell, I.A. & Skelton, P.H. 2005. Freshwater fishes of Golden Gate Highlands National Park. *Koedoe* 48, 87-94.

Grey Literature:

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Databases: Birds in Reserves Project, CyberTracker data, Kimberly South African National Park Herbarium, Working for Water Information Management System

Kalahari Gemsbok National Park

Publications:

- van Rooyen, N. & Bezuidenhout, H. 1997. New records of flowering plants and ferns from the Kalahari Gemsbok National Park. *Koedoe* 40, 105-116.

Grey Literature:

- Birds of Kgalagadi Transfrontier Park. September 2004. <http://www.sanparks.org/groups/birders/checklists/birds-kgalagadi.pdf> Accessed 20 September 2010.
- Kalahari Gemsbok National Park. 2008. Park Management Plan. March 2008. South African National Parks.

Databases: Birds in Reserves Project, CyberTracker data, Kimberly South African National Park Herbarium

Karoo National Park

Grey Literature:

Birds of Karoo National Park. Compiled September 2004. <http://www.sanparks.org/groups/birders/checklists/birds-karoo.pdf> Accessed 20 September 2010.
Gaylard, A. & Johnson, N. 2008. Karoo National Park - Park Management Plan. March 2008. South African National Parks.

Databases: Birds in Reserves Project, CyberTracker data, Kimberly South African National Park Herbarium, Working for Water Information Management System

Kruger National Park

Publications:

Braack, L.E.O., Maggs, K.A.R., Zeller, D.A. & Horak, I.G. 1995. Exotic arthropods in the Kruger National Park, South Africa: modes of entry and population status. *African Entomology* 3, 39-48.
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