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## GENERAL NOTICES

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### NOTICE 78 OF 2014

#### DEPARTMENT OF ENVIRONMENTAL AFFAIRS

#### NATIONAL ENVIRONMENTAL MANAGEMENT: BIODIVERSITY ACT 2004 (ACT NO, 10 OF 2004) DRAFT ALIEN AND INVASIVE SPECIES LISTS, 2014

I, Bomo Edith Edna Molewa, Minister of Water and Environmental Affairs, hereby publish for public comments, the following draft Alien and Invasive Species Lists published in terms of Sections 66(1), 67(1), 70(1)(a), 71(3) and 71A of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004) as set out in the Schedule hereto.

Any person who wishes to submit representations or comments in connection with the draft regulations is invited to do so within thirty (30) days after the publication of the notice in the *Gazette* and by no later than 16h00 on the last day of comments. Comments received after this time may not be considered. All representations and comments must be submitted in writing to the Deputy Director-General of the Department of Environmental Affairs, Branch Environmental Programmes.

**Hand-deliver to:** The Deputy Director-General  
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Attention: Dr Guy Preston  
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**MRS B E E MOLEWA, MP**  
**MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS**

## **NOTICES AND LISTS IN TERMS OF SECTIONS 66(1), 67(1), 70(1)(a), 71(3) and 71A**

**Notice 1:** Notice in respect of Categories 1a, 1b, 2 and 3, Listed Invasive Species, in terms of which certain Restricted Activities are Prohibited in terms of Section 71A(1); Exempted in terms of Section 71(3); Require a Permit in terms of Section 71(1).

**Notice 2:** Notice in terms of Section 66(1) – Exempted Alien Species

**Notice 3:** National Lists of Invasive Species in terms Section 70(1)(A)

List 1: National list of Invasive Plant Species

List 2: National List of Invasive Mammal Species

List 3: National List of Invasive Bird Species

List 4: National List of Invasive Reptile Species

List 5: National List of Invasive Amphibian Species

List 6: National List of Invasive Fresh-water Fish Species

List 7: National List of Invasive Marine Fish Species

List 8: National List of Invasive Terrestrial Invertebrate Species

List 9: National List of Invasive Fresh-water Invertebrate Species

List 10: National List of Invasive Marine Invertebrate Species

List 11: National List of Invasive Microbial Species

**Notice 4:** Prohibited Alien Species

**NOTICE 1:****NOTICE IN RESPECT OF CATEGORIES 1a, 1b, 2 AND 3 LISTED INVASIVE SPECIES, IN TERMS OF WHICH CERTAIN RESTRICTED ACTIVITIES ARE PROHIBITED IN TERMS OF SECTION 71A(1); EXEMPTED IN TERMS OF SECTION 71(3); REQUIRE A PERMIT IN TERMS OF SECTION 71(1)**

Notice in respect of Categories 1a, 1b, 2 and 3 Listed Invasive Species, in terms of which certain Restricted Activities are—

- (a) prohibited in terms of Section 71A(1);
- (b) exempted in terms of Section 71(3); or
- (c) require a permit in terms of Chapter 7, read with the lists in Notice 3.

Note that the species specific exemptions and prohibitions in Notice 3 take precedence over Notice 1 in the event of any conflict.

<b>Restricted Activities</b>	<b>Category 1a</b>	<b>Category 1b</b>	<b>Category 2</b>	<b>Category 3</b>
a. Importing into the Republic, including introducing from the sea, any specimen of a listed invasive species.	Prohibited	Prohibited	Permit Required	Prohibited
b. Having in possession or exercising physical control over any specimen of a listed invasive species.	Exempted	Exempted	Permit Required	Exempted
c. Growing, breeding or in any other way propagating any specimen of a listed invasive species, or causing it to multiply.	Prohibited	Prohibited	Permit Required	Prohibited
d. Conveying, moving or otherwise translocating any specimen of a listed invasive species.	Prohibited but Exempted for a period of only 3 months from the date of listing in the notice for the purpose of conveying a specimen to a zoological or botanical institution	Prohibited but Exempted for a period of only 3 months from the date of listing in the notice for the purpose of conveying a specimen to a zoological or botanical institution	Permit Required	Prohibited but Exempted for a period of only 3 months from the date listing in the notice for the purpose of conveying a specimen to a zoological or botanical institution
e. Selling or otherwise trading in, buying, receiving, giving, donating or accepting as a gift, or in any way acquiring or disposing of any specimen of a listed invasive species.	Prohibited	Prohibited	Permit Required	Prohibited

f. Spreading or allowing the spread of any specimen of a listed invasive species.	Prohibited	Prohibited	Prohibited	Permit Required	Exempted
g. Releasing any specimen of a listed invasive species.	Prohibited	Prohibited	Prohibited	Permit Required	Prohibited
h. The transfer or introduction of specimens of a listed invasive fresh-water species from one discrete catchment system in which it occurs, to another discrete catchment system in which it does not occur; or, from within a part of a discrete catchment system where it does occur to another part where it does not occur as a result of a natural or artificial barrier.	Prohibited	Prohibited	Prohibited	Permit Required	Prohibited
i. Discharging of or disposing into any waterway or the ocean water from an aquarium, tank or other receptacle that has been used to keep a prohibited alien species or a listed invasive species.	Prohibited	Prohibited	Prohibited	Prohibited	Prohibited
j. The introduction of any a listed invasive species to South Africa's off-shore islands.	Prohibited	Prohibited	Prohibited	Prohibited	Prohibited
k. Catch and release of a listed invasive fresh-water fish or listed fresh-water invertebrate	Prohibited	Prohibited	See Notice 3	See Notice 3	See Notice 2
l. The introduction of a listed invasive fish specimen, or listed fresh-water invertebrate specimen, into a river system	Prohibited	Prohibited	Prohibited	Permit Required	Exempted

**NOTICE 2:****NOTICE IN TERMS OF SECTION 66(1) – EXEMPTED ALIEN SPECIES**

The following categories of alien species are exempted from the provisions of section 65(1) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004):

1. Dead specimens of any alien species.
2. Any alien species that has been legally introduced into South Africa, or introduced into South Africa before a requirement to be legally introduced, prior to the commencement of the Regulations and that is not a listed invasive species in terms of section 70(1)(a) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004), including any species imported for agricultural purposes.
3. Any alien species that-
  - (a) has been subjected to a risk assessment and deemed suitable for importation; and
  - (b) is listed in a register established and maintained by the Institute of alien species legally imported into the Republic for the first time after the date of publication of the regulations.
4. Exempted specimens or combined groups of specimens must nevertheless be accompanied by either Veterinary Health certificates or Phytosanitary certificates as proof that the specimens have been treated as potential vectors of invasive diseases, pathogens and other problems.
5. Indigenous mammal species that are also extra-limital species in South Africa (outside their natural distribution ranges and therefore classified as alien) are exempted from these Regulations for a period of two years from the date upon which they take effect, during which time the distribution maps of these species will be finalized, and potential listing as invasive species will be considered. During this period, for these extra-limital mammal species:
  - (a) all species listed in terms of section 56(1) of the National Environmental Management Biodiversity Act, 2004 (Act No. 10 of 2004), will be regulated in terms of the Threatened or Protected Species (TOPS) Regulations; and,
  - (b) all species not listed in terms of section 56(1) the National Environmental Management Biodiversity Act, 2004 (Act No. 10 of 2004), all existing permits in terms of Provincial Ordinances will be valid for the period indicated on the permit, up to a maximum of two years, and new permits (up to a date not exceeding two years after these Regulations take effect) may be applied for in terms of the Provincial Ordinances.
6. Indigenous animal species (other than mammals) that are also extra-limital species in South Africa (outside of their natural distribution ranges and therefore classified as alien), that are not listed as Invasive Animal Species.
7. Indigenous plant species that are also extra-limital species in South Africa (outside of their natural distribution ranges and therefore classified as alien), that are not listed as Invasive Plant Species.
8. Indigenous microbial species that are also extra-limital species in South Africa (outside of their natural distribution ranges and therefore classified as alien), that are not listed as Invasive

**NOTICE 3:****NATIONAL LIST OF INVASIVE SPECIES IN TERMS SECTION 70(1)(A)**

“Fish Sanctuary Areas” means the fish sanctuary areas demarcated in the National Freshwater Ecosystem Priority Area maps for critically endangered and endangered species published by the Water Research Commission in Report TT500/11 as amended from time to time;

“Urban area” means the area within the proclaimed urban edge, as delineated in the Municipal Spatial Development Framework in terms of the Spatial Land Use Management Act 2013 (Act No. 16 of 2013).

**List 1: National list of Invasive Plant Species**

NO.	SPECIES	ENGLISH COMMON NAMES	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
1.	<i>Acacia adunca</i> A.Cunn. ex Don	Cascade wattle, Wallangarra wattle	1a	
2.	<i>Acacia baileyana</i> F.Muell.	Bailey's wattle	3	
3.	<i>Acacia cyclops</i> A.Cunn. ex G.Don	Red eye	1b	
4.	<i>Acacia dealbata</i> Link	Silver wattle	2	
5.	<i>Acacia decurrens</i> Willd.	Green wattle	2	
6.	<i>Acacia elata</i> A.Cunn. ex Benth. ( <i>Acacia terminalis</i> misapplied in South Africa)	Pepper tree wattle	1b	
7.	<i>Acacia fimbriata</i> A.Cunn. ex G.Don	Fringed wattle, Brisbane wattle	1a	
8.	<i>Acacia implexa</i> Benth.	Screw pod wattle	1a	
9.	<i>Acacia longifolia</i> (Andrews) Willd.	Long-leaved wattle	1b	
10.	<i>Acacia mearnsii</i> De Wild.	Black wattle	2	
11.	<i>Acacia melanoxylon</i> R.Br.	Australian blackwood	2	
12.	<i>Acacia paradoxa</i> DC. (= <i>A. armata</i> R.Br.)	Kangaroo thorn, Kangaroo wattle	1a	
13.	<i>Acacia podalyriifolia</i> A.Cunn. ex G.Don	Pearl acacia	1b	
14.	<i>Acacia pycnantha</i> Benth.	Golden wattle	1b	
15.	<i>Acacia saligna</i> (Labill.) H.L. Wendl.	Port Jackson, Port Jackson willow	1b	
16.	<i>Acacia stricta</i> (Andrews) Willd.	Hop wattle	1a	
17.	<i>Acer buergerianum</i> Miq.	Chinese maple	3 in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga, North-West, Northern Cape and Western Cape.	



18.	<i>Acer negundo</i> L.	Ash-leaved maple, Box elder	Not listed elsewhere	3
19.	Agavaceae: all alien species	Agaves	2 for fibre or beverage crops 3 in Western Cape. Not listed elsewhere	1b
20.	<i>Agave americana</i> L. var. <i>expansa</i> (Jacobi) Gentry	Spreading century-plant		2
21.	<i>Agave sisalana</i> Perrine	Sisal hemp, Sisal		1b
22.	<i>Ageratina adenophora</i> (Spreng.) R.M.King & H.Rob. (= <i>Eupatorium adenophorum</i> Spreng.)	Crofton weed		1b
23.	<i>Ageratina riparia</i> (Regel) R.M.King & H.Rob. (= <i>Eupatorium riparium</i> Regel)	Mistflower		1b
24.	<i>Ageratum conyzoides</i> L.	Invading ageratum		1b
25.	<i>Ageratum houstonianum</i> Mill.	Mexican ageratum		1b
26.	<i>Agrimonia procera</i> Wallr. (= <i>A. odorata</i> Mill.)	Scented agrimony		1b
27.	<i>Agrostis castellana</i> Boiss. & Reut.	Bent grass	1a Prince Edward Island; 1b Marion Island Not listed on mainland or other off-shore islands	
28.	<i>Agrostis gigantea</i> Roth	Black bent grass, redtop	1a Prince Edward and Marion Islands Not listed on mainland or other off-shore islands.	
29.	<i>Agrostis stolonifera</i> L.	Creeping bent grass	1a Prince Edward Island; 1b Marion Island Not listed on mainland or other off-shore islands.	
30.	<i>Ailanthus altissima</i> (Mill.) Swingle	Tree-of-heaven		1b
31.	<i>Albizia lebbek</i> (L.) Benth.	Lebeck tree		1b
32.	<i>Albizia procera</i> (Roxb.) Benth.	False lebeck		1b
33.	<i>Alhagi maurorum</i> Medik. (= <i>A. camelorum</i> Fisch.)	Camel thorn bush		1b
34.	<i>Alisma plantago-aquatica</i> L.	Mud plantain, Water alisma		1b
35.	<i>Alopecurus geniculatus</i> L. (= <i>A. australis</i> Nees)	Marsh foxtail, Water foxtail	1a Prince Edward and Marion Islands Not listed on mainland or other off-shore islands.	

36.	<i>Alpinia zerumbet</i> (Pers.) B.L. Burt & R.M. Sm. (= <i>A. speciosa</i> (J.C. Wendl.) Schum.)	Shell ginger, Pink porcelain lily	3	
37.	<i>Ammophila arenaria</i> (L.) Link	Marram grass	3	
38.	<i>Anredera cordifolia</i> (Ten.) Steenis ( <i>A. baselloides</i> misapplied in South Africa)	Madeira vine, Bridal wreath	1b	
39.	<i>Antigonon leptopus</i> Hook. & Arn.	Coral creeper	1b	
40.	<i>Araujia sericifera</i> Brot.	Moth catcher	1b	
41.	<i>Ardisia crenata</i> Sims ( <i>Ardisia crispata</i> misapplied in South Africa)	Coralberry tree, Coral Bush	1b	
42.	<i>Ardisia elliptica</i> Thunb. (= <i>A. humilis</i> Vahl)	Shoebutt on ardisia	1b	
43.	<i>Argemone mexicana</i> L.	Yellow-flowered Mexican poppy	1b	
44.	<i>Argemone ochroleuca</i> Sweet	White-flowered Mexican poppy	1b	
45.	<i>Aristolochia elegans</i> Mast.	Dutchman's pipe	1b	
46.	<i>Arundo donax</i> L.	Giant reed	1b	
47.	<i>Atriplex inflata</i> F. Muell. (= <i>A. lindleyi</i> Moq. subsp. <i>inflata</i> (F. Muell.) Paul G. Wilson)	Sponge-fruit saltbush	1b	
48.	<i>Atriplex nummularia</i> Lindl. subsp. <i>nummularia</i>	Old man saltbush	2	
49.	<i>Austrocyllindropuntia subulata</i> (Muehlenpf.) Backeb. (= <i>Opuntia exaltata</i> A. Berger)	Long spine cactus	1b	
50.	<i>Azolla cristata</i> Kaulf. (= <i>A. microphylla</i> Kaulf.)	Tropical red water fern	1b	
51.	<i>Azolla filiculoides</i> Lam.	Azolla, Red water fern	1b	
52.	<i>Azolla pinnata</i> R.Br. subsp. <i>asiatica</i> R.M.K. Saunders & K. Fowler (= <i>A. imbricata</i> (Roxb. ex Griff.) Nakai)	Mosquito fern	1b	
53.	<i>Bartlettia sordida</i> (Less.) R.M. King & H. Rob. (= <i>Eupatorium afrorubens</i> (Lem.) G. Nicholson, <i>E. sordidum</i> Less.)	Bartlettia	1b	
54.	<i>Bauhinia purpurea</i> L.	Butterfly orchid tree	1b in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. 3 in Free State, Gauteng, North-West, Northern Cape and Western Cape.	

55.	<i>Bauhinia variegata</i> L.	Orchid tree	1b in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. 3 in Free State, Gauteng, North-West, Northern Cape and Western Cape.	
56.	<i>Berberis thunbergii</i> DC.	Japanese barberry	3	Sterile cultivars or hybrids exempted
57.	<i>Billardiera heterophylla</i> (Lindl.) L.W.Cayzer & Crisp (= <i>Sollya heterophylla</i> Lindl.) <i>Bryophyllum delagoense</i> (Eckl. & Zeyh.) Schinz (= <i>B. tubiflorum</i> Harv., <i>Kalanchoe tubiflora</i> (Harv.) Raym.-Hamet, <i>K. delagoensis</i> Eckl. & Zeyh.)	Bluebell creeper	1a	
58.	<i>Bryophyllum pinnatum</i> (Lam.) Oken <i>Bryophyllum proliferum</i> Bowie (= <i>Kalanchoe proliferata</i> (Bowie) Raym.-Haymet) <i>Buddleja davidii</i> Franch. <i>Buddleja madagascariensis</i> Lam. <i>Cabomba caroliniana</i> A.Gray	Chandelier plant	1b	
59.	<i>Bryophyllum pinnatum</i> (Lam.) Oken	Cathedral bells	1b	
60.	<i>Bryophyllum proliferum</i> Bowie (= <i>Kalanchoe proliferata</i> (Bowie) Raym.-Haymet)	Green mother of millions	1b	
61.	<i>Buddleja davidii</i> Franch.	Chinese sagewood, Summer lilac	3	
62.	<i>Buddleja madagascariensis</i> Lam.	Madagascar sagewood	3	
63.	<i>Cabomba caroliniana</i> A.Gray	Cabomba, Carolina fanwort	1a	
64.	Cactaceae: all alien species	Cacti	1b	
65.	<i>Caesalpinia decapetala</i> (Roth) Alston (= <i>C. sepiaria</i> Roxb.)	Mauritius thorn	2 for drought fodder crops	
66.	<i>Caesalpinia gilliesii</i> (Hook.) D.Dietr.	Bird-of-paradise flower	1b	
67.	<i>Callisia repens</i> (Jacq.) L.	Creeping inch plant	1b	
68.	<i>Callistemon citrinus</i> (Curtis) Skeels (= <i>Melaleuca citrina</i> (Curtis) Dum.Cours.)	Lemon bottlebrush	3	
69.	<i>Callistemon rigidus</i> R.Br.	Stiff-leaved bottlebrush	1b in Eastern Cape and Western Cape. 3 in Free State, Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga, North-West and Northern Cape.	
70.	<i>Callistemon viminalis</i> (Sol. ex Gaertn.) G.Don	Weeping bottlebrush	1b in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga.	Sterile cultivars or hybrids exempted

71.	<i>Calotropis procera</i> (Aiton) W.T.Aiton	Calotropis, Giant- milkweed		3 in Free State, Gauteng, North-West, Northern Cape and Western Cape.	1b	
72.	<i>Campuloclinium macrocephalum</i> (Less.) DC. (= <i>Eupatorium macrocephalum</i> Less.)	Pompom weed			1b	
73.	<i>Canna indica</i> L.	Indian shot			1b	Sterile cultivars or hybrids exempted
74.	<i>Cardiospermum grandiflorum</i> Sw.	Balloon vine			1b	
75.	<i>Cardiospermum halicacabum</i> L.	Lesser balloon vine			3	
76.	<i>Carduus nutans</i> L. (= <i>C. macrocephalus</i> Desf.)	Nodding thistle			1b	
77.	<i>Casuarina cunninghamiana</i> Miq.	Beefwood		1b within 100 metres of any natural ecosystem (including riparian areas or untransformed land)	2	
78.	<i>Casuarina equisetifolia</i> L.	Horsetail tree			2	
79.	<i>Catharanthus roseus</i> (L.) G.Don	Madagascar periwinkle			1b	Sterile cultivars or hybrids exempted
80.	<i>Celtis australis</i> L.	Nettle tree, European hackberry			3	
81.	<i>Celtis occidentalis</i> L.	Common hackberry			3	
82.	<i>Celtis sinensis</i>	Chinese netelboom		3 in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga, North-West, Northern Cape and Western Cape. Not listed elsewhere		
83.	<i>Centranthus ruber</i> (L.) DC.	Red valerian, Devil's beard		1b in Western Cape Not listed elsewhere		
84.	<i>Cerastium fontanum</i> Baumg.	Common mouse-ear chickweed		1b Prince Edward and Marion Islands Not listed on mainland or other off-shore islands.		
85.	<i>Cereus jamacaru</i> DC.	Queen of the night		1b		
86.	<i>Cereus hexagonus</i> (L.) Mill., <i>Cereus hildmannianus</i> K. Schum. (= <i>C. peruvianus</i> auct. pl., <i>C. uruguayanus</i> R.Kiesling)	Queen of the night		1b		
87.		Queen of the night		1b		

88.	<i>Cestrum aurantiacum</i> Lindl.	Orange cestrum	1b	
89.	<i>Cestrum elegans</i> (Brongn.) Schtdl. (= <i>C. purpureum</i> (Lindl.) standl.)	Crimson cestrum	1b	
90.	<i>Cestrum laevigatum</i> Schtdl.	Inkberry	1b	
91.	<i>Cestrum parqui</i> L'Hér.	Chilean cestrum	1b	
92.	<i>Cestrum</i> species not specifically listed	<i>Cestrum</i> species	3	Sterile cultivars or hybrids exempted
93.	<i>Chondrilla juncea</i> L.	Skeleton weed	1a	
94.	<i>Chromolaena odorata</i> (L.) R.M.King & H.Rob. (= <i>Eupatorium odoratum</i> L.)	Triffid weed, Chromolaena	1b	
95.	<i>Cinnamomum camphora</i> (L.) J.Presi	Camphor tree	1b in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga.  2 for individual specimens that are declared as National Heritage Trees or National Monuments in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga.  3 in Western Cape Not listed elsewhere	
96.				
97.	<i>Cirsium vulgare</i> (Savi) Ten. (= <i>C. lanceolatum</i> (L.) Scop.)	Spear thistle, Scotch thistle	1b	
98.	<i>Convolvulus arvensis</i> L.	Field bindweed, Wild morning-glory	1b	
99.	<i>Coreopsis lanceolata</i> L.	Tickseed	1a	Sterile cultivars or hybrids exempted
100.	<i>Cortaderia jubata</i> (Lemoine ex Carrière) Stapf	Pampas grass	1b	
101.	<i>Cortaderia selloana</i> (Schult.) Asch. & Graebn.	Pampas grass	1b	Sterile cultivars or hybrids exempted
102.	<i>Cotoneaster franchetii</i> Bois	Cotoneaster	1b	
103.	<i>Cotoneaster glaucophyllus</i> Franch.	Late cotoneaster	1b	
104.	<i>Cotoneaster pannosus</i> Franch.	Silver leaf cotoneaster	1b	
105.	<i>Cotoneaster salicifolius</i> Franch.	Willow-leaved showberry	1b	

106.	<i>Cotoneaster simonsii</i> Baker	Himalayan cotoneaster, Simon's cotoneaster	1b	
107.	<i>Crotalaria agatiflora</i> Schweinf.	Canarybird bush, Bird flower	1b	
108.	<i>Cryptostegia grandiflora</i> R.Br.	Rubber vine	1b	
109.	<i>Cryptostegia madagascariensis</i> Bojer ex Decne.	Madagascar rubber vine	1b	
110.	<i>Cuscuta campestris</i> Yunc.	Common dodder	1b	
111.	<i>Cuscuta suaveolens</i> Ser.	Lucerne dodder	1b	
112.	<i>Cylindropuntia fulgida</i> (Engelm.) F.M.Knuth var. <i>fulgida</i> (= <i>Opuntia fulgida</i> Engelm.) (O. rosea misapplied in South Africa).	Chain-fruit cholla (previously known as rosea cactus)	1b	
113.	<i>Cylindropuntia fulgida</i> (Engelm.) F.M.Knuth var. <i>mammillata</i> (Schott ex Engelm.) Backeb.	Boxing-glove cactus, Mammillate cactus	1b	
114.	<i>Cylindropuntia imbricata</i> (Haw.) F.M.Knuth (= <i>Opuntia imbricata</i> (Haw.) DC.	Imbricate cactus, Imbricate prickly pear	1b	
115.	<i>Cylindropuntia leptocaulis</i> (DC.) F.M.Knuth	Pencil cactus	1b	
116.	<i>Cylindropuntia pallida</i> (Rose) F.M.Knuth	Pink-flowered sheathed cholla	1a	
117.	<i>Cytisus scoparius</i> (L.) Link (= <i>Genista scoparia</i> (L.) Lam.)	Scotch broom	1a	
118.	<i>Datura ferax</i> L.	Large thorn apple	1b	
119.	<i>Datura innoxia</i> Mill.	Downy thorn apple	1b	
120.	<i>Datura stramonium</i> L.	Common thorn apple	1b	
121.	<i>Diplocyclos palmatus</i> (L.) C.Jeffrey	Lollipop-climber	1a	
122.	<i>Dolichandra unguis-cati</i> (L.) L. G. Lohmann (= <i>Macfadyena unguis-cati</i> (L.) A.H.Gentry	Cat's claw creeper	1b	
123.	<i>Duchesnea indica</i> (Andrews) Focke	Wild strawberry	1b	
124.	<i>Duranta erecta</i> L. (= <i>D. repens</i> L., <i>D. plumieri</i> Jacq.)	Forget-me-not-tree, Pigeon berry	3	Sterile cultivars or hybrids exempted
125.	<i>Echinodorus cordifolius</i> (L.) Griseb.	Creeping burhead	1b	
126.	<i>Echinodorus tenellus</i> (Mart. ex Schult.f.) Buchenau	Amazon sword plant	1b	
127.	<i>Echinopsis schickendantzii</i> F.A.C.Weber (= <i>E. spachiana</i> (Lem.) Friedrich & G.D.Rowley	Torch cactus	1b	

128.	<i>Echium plantagineum</i> L. (= <i>E. lycopsis</i> L.)	Patterson's curse	1b	
129.	<i>Echium vulgare</i> L.	Blue echium	1b	
130.	<i>Egeria densa</i> Planch. (= <i>Elodea densa</i> (Planch.) Casp.)	Dense water weed	1b	
131.	<i>Eichhornia crassipes</i> (Mart.) Solms	Water hyacinth	1b	
132.	<i>Elodea canadensis</i> Michx.	Canadian water weed	1b	
133.	<i>Ellytrigia repens</i> (L.) Desv. ex Nevski (= <i>Agropyron repens</i> (L.) P. Beauv., <i>Elymus repens</i> (L.) Gould)	Couch grass	1a Prince Edward and Marion Islands Not listed on mainland or other off-shore islands.	
134.	<i>Equisetum hyemale</i> L.	Rough horsetail, Common scouring-rush	1a	
135.	<i>Eriobotrya japonica</i> (Thunb.) Lindl.	Loquat	3	
136.	<i>Eucalyptus camaldulensis</i> Dehnh. And hybrids with <i>E. tereticornis</i> Sm.	River red gum	(a) Category 1b within-  (i) riparian areas;  (ii) a Protected Area declared in terms of the Protected Areas Act; or,  (iii) within a Listed Ecosystem or an ecosystem identified for conservation in terms of a Bioregional Plan or Biodiversity Management Plans published under the Act	
137.	<i>Eucalyptus cladocalyx</i> F.Muell.	Sugar gum	(b) Not listed within Nama-Karoo, Succulent Karoo and Desert biomes, excluding within any area mentioned in (a) above.	
138.	<i>Eucalyptus conferruminata</i> D.J.Carr & S.G.M.Carr ( <i>E. lehmannii</i> misapplied in South Africa)	Spider gum	(c) Category 1b in Fynbos, Grassland, Savanna, Albany Thicket, Forest and	

			Indian Coastal Belt biomes, but-	
139.	<i>Eucalyptus diversicolor</i> F. Muell.	Karri	(i) Category 2 in those areas that are demarcated by permit for plantations, woodlots, bee-fore areas, wind-rows and the lining of avenues.	
140.	<i>Eucalyptus grandis</i> W. Hill ex Maiden ( <i>E. saligna</i> Sm. in part) and hybrids	Saligna gum, Rose gum	(ii) Not listed within "cultivated land", as defined in the Conservation of Agricultural Resources Act (Act 43 of 1983), that is at least 50 metres away from natural vegetation, but excluding within any area in (a) above.	
141.	<i>Eucalyptus tereticornis</i> Sm. and hybrids with <i>E. camaldulensis</i> Dehnh.	Forest red gum	(iii) Not listed within 50 metres of farmsteads, but excluding in (a) above.	
142.	<i>Eugenia uniflora</i> L.	Pitanga, Surinam cherry	(iv) Not listed for trees with a diameter of more than 400 mm at 1000 mm height at the time of publishing, in urban areas, excluding in (a) above; or Category 1b for trees with a smaller diameter in these urban areas.	1b
143.	<i>Euphorbia esula</i> L. (= <i>E. xpseudovirgata</i> (Schur) Soó, <i>E. formosaminiana</i> Bertol., <i>E. virgata</i> Waldst. &	Leafy spurge		1a



	Kit)						
144.	<i>Euphorbia leucocephala</i> Lotz <i>Fallopia sachalinensis</i> (F. Schmidt) Ronse Decr. (= <i>Polygonum sachalinense</i> F. Schmidt, <i>Reynoutria sachalinensis</i> (F. Schmidt) Nakai)	White poinsettia		1b			
145.		Giant knotweed		1a			
146.	<i>Festuca rubra</i> L.	Creeping red fescue		1a Prince Edward and Marion Islands			
147.	<i>Flaveria bidentis</i> (L.) Kuntze	Smelter's-bush		1b			
148.	<i>Fraxinus americana</i> L.	American ash		3 in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga and Western Cape not listed elsewhere			
149.	<i>Fraxinus angustifolia</i> Vahl	Algerian ash		3 in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga and Western Cape Not listed elsewhere			
150.	<i>Genista monspessulana</i> (L.) L.A.S. Johnson (= <i>Cytisus monspessulanus</i> L., <i>candicans</i> (L.) DC.)	Montpellier broom		1a			
151.	<i>Gleditsia triacanthos</i> L. Excluding cultivars under investigation	Honey locust		1b			Sterile cultivars or hybrids exempted
152.	<i>Glyceria maxima</i> (Hartm.) Holmb. (= <i>Poa aquatica</i> L., <i>Glyceria aquatica</i> (L.) Wahlb.)	Reed meadow grass, Reed sweet grass		1b in wetlands Not listed elsewhere			
153.	<i>Grevillea banksii</i> R.Br.	Australian crimson oak, Red flowering silky oak		1b			
154.	<i>Grevillea robusta</i> A.Cunn. ex R.Br.	Australian silky oak		3			
155.	<i>Grevillea rosmarinifolia</i> A.Cunn.	Rosemary grevillea		3			
156.	<i>Hakea drupacea</i> (C.F. Gaertn.) Roem. & Schult. (= <i>H. suaveolens</i> R.Br.)	Sweet hakea		1b			
157.	<i>Hakea gibbosa</i> (Sm.) Cav.	Rock hakea		1b			
158.	<i>Hakea salicifolia</i> (Vent.) B.L. Burtt	Willow hakea		1b in Western Cape Not listed elsewhere			
159.	<i>Hakea sericea</i> Schrad. & J.C. Wendl.	Silky hakea		1b			

160.	<i>Harrisia balansae</i> (K. Schum.) N.P. Taylor & Zappi		1a	
161.	<i>Harrisia martinii</i> (Labour.) Britton (= <i>Eriocereus martinii</i> (Labour.) Riccob.)	Moon cactus, <i>Harrisia cactus</i>	1b	
162.	<i>Harrisia pomanensis</i> (F.A.C. Weber) Britton & Rose	Midnight-lady	1a	
163.	<i>Harrisia tortuosa</i> (J. Forbes ex Otto & A. Dietr.) Britton & Rose		1b	
164.	<i>Hedera canariensis</i> Willd. (= <i>Hedera helix</i> L. subsp. <i>canariensis</i> (Willd.) Cout.)	Canary ivy, Madeira ivy, Algerian ivy	3	Sterile cultivars or hybrids exempted
165.	<i>Hedera helix</i> L. (= <i>Hedera helix</i> L. subsp. <i>helix</i> )	English ivy	3	Sterile cultivars or hybrids exempted
166.	<i>Hedychium coccineum</i> Buch.-Ham. Ex Sm.	Red ginger lily	1b	
167.	<i>Hedychium coronarium</i> J. König	White ginger lily	1b	
168.	<i>Hedychium flavescens</i> Carey ex Roscoe	Yellow ginger lily	1b	
169.	<i>Hedychium gardnerianum</i> Sheppard ex Ker Gawl.	Kahlili ginger lily	1b	
170.	<i>Homalanthus populifolius</i> Graham	Bleeding-heart tree	1b	
171.	<i>Houttuynia cordata</i> Thunb.	Chameleon plant	3	
172.	<i>Hydrilla verticillata</i> (L.f.) Royle	Hydrilla	1a	
173.	<i>Hydrocleys nymphoides</i> (Humb. & Bonpl. ex Willd.) Buchenau	Water poppy	1a	
174.	<i>Hylocereus undatus</i> (Haw.) Britton & Rose	Night-blooming cereus, Dragon fruit, Pitahaya	2	
175.	<i>Hypericum androsaemum</i> L.	Tutsan	1b	
176.	<i>Hypericum perforatum</i> L.	St. John's wort, Tipton weed	2	
177.	<i>Ipomoea alba</i> L.	Moonflower	1b	
178.	<i>Ipomoea carnea</i> Jacq. subsp. <i>fistulosa</i> (Mart. ex Choisy) D.F. Austin (= <i>I. fistulosa</i> Mart. ex Choisy)	Morning-glory bush	1b	
179.	<i>Ipomoea indica</i> (Burm.) Merr. (= <i>I. congesta</i> R.Br.)	Morning glory	1b	Sterile cultivars or hybrids exempted
180.	<i>Ipomoea purpurea</i> (L.) Roth	Morning glory	1b	Sterile cultivars or hybrids exempted
181.	<i>Iris pseudacorus</i> L.	Yellow flag	1a	

182.	<i>Jacaranda mimosifolia</i> D. Don	Jacaranda	1b in Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga and North-West Not listed elsewhere.	Exempted in urban areas in Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga and North-West.
183.	<i>Jatropha curcas</i> L.	Physic nut	2	
184.	<i>Jatropha gossypifolia</i> L.	Cotton-leaf physic nut	1b	
185.	<i>Juniperus virginiana</i> L.	Red cedar	3 in Eastern Cape and Free State Not listed elsewhere	
186.	<i>Kunzea ericoides</i> (A. Rich.) Joy Thoms. (= <i>Leptospermum ericoides</i> A. Rich.)	Burgan, White teatree	1a	
187.	All seed producing species or seed producing hybrids of <i>Lantana</i> that are non-indigenous to Africa	Lantana, Tickberry, Cherry pie	1b	
188.	<i>Lepidium draba</i> L. (= <i>Cardaria draba</i> (L.) Desv.)	Hoary cardaria	1b	
189.	<i>Leptospermum laevigatum</i> (Gaerth.) F. Muell.	Australian myrtle	1b	
190.	<i>Leucaena leucocephala</i> (Lam.) de Wit (= <i>L. glauca</i> Benth.)	Leucaena	2	
191.	<i>Ligustrum japonicum</i> Thunb.	Japanese wax-leaved privet	1b in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga, North-West and Western Cape. 3 in Free State, Gauteng and Northern Cape.	Sterile cultivars or hybrids exempted
192.	<i>Ligustrum lucidum</i> W.T. Aiton	Chinese wax-leaved privet	1b in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga, North-West and Western Cape. 3 in Free State, Gauteng and Northern Cape.	Sterile cultivars or hybrids exempted
193.	<i>Ligustrum ovalifolium</i> Hassk.	Californian privet	1b in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga, North-West and Western Cape. 3 in Free State, Gauteng and Northern Cape.	Sterile cultivars or hybrids exempted

194.	<i>Ligustrum sinense</i> Lour.	Chinese privet	1b in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga, North-West and Western Cape. 3 in Free State, Gauteng and Northern Cape.
195.	<i>Ligustrum vulgare</i> L.	Common privet	1b in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga, North-West and Western Cape. 3 in Free State, Gauteng and Northern Cape.
196.	<i>Lilium formosanum</i> Wallace (= <i>L. longiflorum</i> Thunb. var. <i>formosanum</i> Baker)	Formosa lily	1b
197.	<i>Limonium sinuatum</i> (L.) Mill.	Statice, Sea lavender	1b in Northern Cape and Western Cape Not listed elsewhere
198.	<i>Linaria dalmatica</i> (L.) Mill. (= <i>Antirrhinum dalmaticum</i> L., <i>Linaria genisifolia</i> subsp. <i>dalmatica</i> (L.) Maire & Petitm.	Dalmatian toadflax, Broadleaf toadflax	1b
199.	<i>Linaria vulgaris</i> Mill.	Common toadflax, Butter- and-eggs	1b
200.	<i>Litsea glutinosa</i> (Lour.) C.B.Rob. (= <i>Litsea sebifera</i> Pers.)	Indian laurel	1b
201.	<i>Lonicera japonica</i> Thunb. 'Halliana'	Japanese or Hall's honeysuckle	3
202.	<i>Ludwigia peruviana</i> (L.) H. Hara	Water-primrose, Peruvian primrosebush	1a
203.	<i>Luzula</i> sp.	Woodrush	1a Prince Edward and Marion Islands Not listed on mainland or other off-shore islands.
204.	<i>Lythrum hyssopifolia</i> L.	Hyssop loosestrife	1b
205.	<i>Lythrum salicaria</i> L.	Purple loosestrife	1a
206.	<i>Malva dendromorpha</i> M.F.Ray (= <i>Lavatera arborea</i> L.)	Tree mallow	1b
207.	<i>Malva verticillata</i> L.	Mallow	1b
208.	<i>Malvastrum coromandelianum</i> (L.) Garcke	Prickly malvastrum	1b
209.	<i>Marsilea mutica</i> Meit.	Nardoo, Australian water-clover	1a
210.	<i>Melaleuca hypericifolia</i> Sm.	Red-flowering tea tree	1a

211.	<i>Melaleuca quinquenervia</i> (Cav.) S.T. Blake	Bottle brush tree, Broadleaf paperbark tree	1a	
212.	<i>Melia azedarach</i> L.	Seringa	1b 3 in urban areas	
213.	<i>Metrosideros excelsa</i> Sol. ex Gaertn. (= <i>M. tomentosa</i> A.Rich.)	New Zealand Christmas tree	1a in Overstrand District Not listed elsewhere	Sterile cultivars or hybrids exempted
214.	<i>Mimosa pigra</i> L.	Giant sensitive plant	1b	
215.	<i>Mirabilis jalapa</i> L.	Four-o'clock, Marvel-of-Peru	1b	
216.	<i>Montanoa hibiscifolia</i> Benth.	Tree daisy	1b	
217.	<i>Morus alba</i> L.	White mulberry, Common mulberry	3	Sterile cultivars or hybrids exempted
218.	<i>Murraya paniculata</i> (L.) Jack. (= <i>M. exotica</i> L.)	Orange Jessamine	1b	
219.	<i>Myoporum insulare</i> R.Br.	Manatoka, Boobyalla	3	
220.	<i>Myoporum laetum</i> G.Forst. <i>M. montanum</i> R.Br. (= <i>Myoporum tenuifolium</i> G.Forst. subsp. <i>montanum</i> (R.Br.) Chinnock)	New Zealand manatoka Manatoka	3	
222.	<i>Myriophyllum aquaticum</i> (Vell.) Verdc.	Parrot's feather	1b	
223.	<i>Myriophyllum spicatum</i> L.	Spiked water-milfoil	1b	
224.	<i>Nassella tenuissima</i> (Trin.) Barkworth (= <i>Stipa tenuissima</i> Trin.)	White tussock	1b	
225.	<i>Nassella trichotoma</i> (Nees) Hack. ex Arechav. (= <i>Stipa trichotoma</i> Nees)	Nassella tussock	1b	
226.	<i>Nasturtium officinale</i> R.Br. (= <i>Rorippa nasturtium-aquaticum</i> (L.) Hayek)	Watercress	2	
227.	<i>Nephrolepis cordifolia</i> (L.) C.Presl (= <i>Polypodium cordifolium</i> L.)	Erect sword fern, Ladder sword fern	1b in Eastern Cape, KwaZulu-Natal, Mpumalanga, Limpopo and Western Cape. 3 in Free State, Gauteng, KwaZulu-Natal, North-West and Northern Cape	Sterile cultivars or hybrids exempted
228.	<i>Nephrolepis exaltata</i> (L.) Schott	Sword fern, Boston sword fern	1b in Eastern Cape, KwaZulu-Natal,	Sterile cultivars or hybrids exempted

	(= <i>Polypodium exaltatum</i> L.)		Mpumalanga, Limpopo and Western Cape. 3 in Free State, Gauteng, KwaZulu-Natal, North-West and Northern Cape	
229.	<i>Nerium oleander</i> L.	Oleander	1b	Sterile cultivars or hybrids exempted
230.	<i>Nicandra physalodes</i> (L.) Gaertn.	Apple-of-Peru	1b	
231.	<i>Nicotiana glauca</i> Graham	Wild tobacco	1b	
232.	<i>Nuphar lutea</i> (L.) Sm. (= <i>N. minor</i> Dumort., <i>N. sericea</i> Láng, <i>N. spathulifera</i> Rchb., <i>N. tenella</i> Rchb., <i>Nymphaea lutea</i> L., <i>N. umbilicalis</i> Salisb., <i>Nymphozanthus luteus</i> (L.) Fernald, <i>N. sericeus</i> (Láng) Fernald, <i>N. vulgaris</i> Rich.)	Yellow water-lily	1a	
233.	<i>Nymphaea mexicana</i> Zucc.	Yellow water lilies	1b	
234.	<i>Nymphoides peltata</i> (S.G.Gmel.) Kuntze (= <i>Limnanthemum peltatum</i> S.G.Gmel.)	Gringed waterlily, Yellow floating-heart	1a	
235.	<i>Oenothera sinuosa</i> W.L. Wagner & Hoch (= <i>Gaura sinuata</i> Nutt. ex Ser.)	Wavy-leaf gaura	3	
236.	<i>Opuntia aurantiaca</i> Lindl.	Jointed cactus	1b	
237.	<i>Opuntia elata</i> Link & Otto ex Salm-Dyck var. <i>elata</i>	Orange tuna	1b	
238.	<i>Opuntia engelmannii</i> Salm-Dyck ex Engelm. (= <i>O. lindheimeri</i> Engelm., <i>O. tardospina</i> Griffiths)	Small round-leaved prickly pear	1b	
239.	<i>Opuntia ficus-indica</i> (L.) Mill. (= <i>O. megacantha</i> Salm-Dyck)	Mission prickly pear, Sweet prickly pear	1b	Excluding all spineless cactus pear cultivars and selections (these species are not listed)
240.	<i>Opuntia humifusa</i> (Raf.) Raf. ( <i>O. compressa</i> misapplied in South Africa)	Large flowered prickly pear, Creeping prickly pear	1b	
241.	<i>Opuntia leucotricha</i> DC.	Aaron's-beard prickly-pear	1b	
242.	<i>Opuntia microdasys</i> (Lehm.) Pfeiff.	Yellow bunny-ears, Teddy- bear cactus	1b	
243.	<i>Opuntia monacantha</i> Haw.	Cochineal prickly pear, Drooping prickly	1b	

	( <i>O. vulgaris</i> misapplied in South Africa)	pear		
244.	<i>Opuntia pubescens</i> J.C.Wendl. ex Pfeiff. (= <i>O. pesifera</i> Britton & Rose)		1a	
245.	<i>Opuntia robusta</i> H.L.Wendl. ex Pfeiff.	Blue-leaf cactus	1a Excluding all spineless cultivars and selections (these species are not listed)	
246.	<i>Opuntia salmiana</i> J. Parm. ex Pfeiff.	Bur cactus	1a	
247.	<i>Opuntia spinulifera</i> Salm-Dyck	Saucepan cactus, Large roundleaved prickly pear	1b	
248.	<i>Opuntia stricta</i> (Haw.) Haw. var. <i>stricta</i> and var. <i>dillenii</i> (Ker Gawl.) L.D.Benson (= <i>O. dillenii</i> (Ker Gawl.) Haw.)	Pest pear of Australia	1b	
249.	<i>Opuntia tomentosa</i> Salm-Dyck	Velvet opuntia, Velvet tree-pear	1b	
250.	<i>Orobancha minor</i> Sm.	Lesser broomrape, Clover broomrape	1b	
251.	<i>Orobancha ramosa</i> L.	Blue broomrape, Branched broomrape	1b	
252.	<i>Paraserianthes lophantha</i> (Willd.) I.C.Nielsen (= <i>Albizia lophantha</i> (Willd.) Benth.)	Australian albizia, Stink bean	1b	
253.	<i>Parkinsonia aculeata</i> L.	Jerusalem thorn	1b	
254.	<i>Parthenium hysterophorus</i> L.	Famine weed	1b	
255.	<i>Paspalum quadrifarium</i> Lam.	Tussock paspalum	1a	
256.	<i>Passiflora caerulea</i> L.	Blue passion flower	1b	
257.	<i>Passiflora edulis</i> Sims	Purple granadilla, Passion fruit	2 in Eastern Cape, Gauteng, KwaZulu-Natal, Mpumalanga, Limpopo and North-West. 3 in urban areas in Eastern Cape, Gauteng, KwaZulu-Natal, Mpumalanga, Limpopo and North-West. Not listed elsewhere	
258.	<i>Passiflora tripartita</i> (Juss.) Poir. var. <i>mollissima</i> (Kunth) Holm-Nielsen & P. Jorg. (= <i>P. mollissima</i> (Kunth) L.H.Bailey)	Banana poka, Bananadilla	1b	
259.	<i>Passiflora suberosa</i> L.	Devil's pumpkin, Indigo berry	1b	
260.	<i>Passiflora subpeltata</i> Ortega	Granadina	1b	

261.	<i>Paulownia tomentosa</i> (Thunb.) Steud. (= <i>Paulownia imperialis</i> Siebold & Zucc.)	Empress tree, Princess tree, Royal Paulownia	1a	
262.	<i>Peniocereus serpentinus</i> (Lag. & Rodr.) N.P. Taylor	Serpent cactus, Snake cactus	1b	
263.	<i>Pennisetum clandestinum</i> Hochst. ex Chiov.	Kikuyu grass	1b in protected areas and wetlands Not listed elsewhere	
264.	<i>Pennisetum purpureum</i> Schumacher.	Elephant grass, Napier grass	1b	
265.	<i>Pennisetum setaceum</i> (Forssk.) Chiov.	Fountain grass	1b	Sterile cultivars or hybrids exempted
266.	<i>Pennisetum villosum</i> R.Br. ex Fresen.	Feathertop	1b	
267.	<i>Pereskia aculeata</i> Mill.	Pereskia, Barbados gooseberry	1b	
268.	<i>Persicaria capitata</i> (Buch.-Ham. ex D. Don) H. Gross (= <i>Polygonum capitatum</i> Buch.-Ham. ex D. Don)	Knotweed	1b	
269.	<i>Phytolacca americana</i> L. (= <i>P. decandra</i> L.)	American pokeweed	1b	
270.	<i>Phytolacca dioica</i> L.	Belhambra	3	
271.	<i>Phytolacca icosandra</i> L. (= <i>P. octandra</i> L.)	Forest inkberry	1b	
272.	<i>Pinus canariensis</i> C.Sm.	Canary pine	3	
273.	<i>Pinus eliotti</i> Engelm.	Slash pine	2 for sterile specimens 1b for non-sterile specimens	
274.	<i>Pinus halepensis</i> Mill.	Aleppo pine	2	
275.	<i>Pinus patula</i> Schiede ex Schltdl. & Cham.	Patula pine	2	
276.	<i>Pinus pinaster</i> Aiton	Cluster pine	2 for permitted plantations and wind-rows  2 for individual specimens that are declared as National Heritage Trees or National Monuments in terms of the National Heritage Act 1999, (Act No. 25 of 1999)	
277.	<i>Pinus pinea</i> L.	Umbrella or Stone pine	1b where no permits granted 3	Specimens with a diameter (calliper width) greater than 300 mm at a height of 1000 mm at the date of promulgation are exempted in urban
278.	<i>Pinus radiata</i> D. Don	Radiata pine, Monterey pine	2 for permitted plantations and wind-rows 1b	



				2 for individual specimens that are declared as National Heritage Trees or National Monuments in terms of the National Heritage Act 1999, (Act No. 25 of 1999)	areas in the Cape Town Metro, Overberg District Council and Winelands District Council, except when in riparian areas where they remain Category 1b.
279.	<i>Pinus roxburghii</i> Sarg. (= <i>P. longifolia</i> Roxb. ex Lamb.)	Chir pine, Longifolia pine		2	
280.	<i>Pinus taeda</i> L.	Loblolly pine		2	
281.	<i>Pistia stratiotes</i> L.	Water lettuce		1b	
282.	<i>Pittosporum crassifolium</i> Banks & Sol. ex A. Cunn.	Karo, Stiff-leaved cheeseewood		3	
283.	<i>Pittosporum undulatum</i> Vent.	Australian cheeseewood, Sweet pittosporum		1b	
284.	<i>Plectranthus barbatus</i> var. <i>grandis</i> (= <i>P. comosus</i> Sims)	'Abyssinian' coleus, Woolly plectranthus		1b	
285.	<i>Poa pratensis</i> L.	Kentucky bluegrass		1a Prince Edward Island; 1b Marion Island Not listed on mainland or other off-shore islands.	
286.	<i>Polypodium aureum</i> (L.) J. Sm.	Rabbits-foot fern		3 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. Not listed elsewhere	
287.	<i>Pontederia cordata</i> L.	Pickereel weed		1b	
288.	<i>Populus alba</i> L.	White poplar		2	
289.	<i>Populus ×canescens</i> (Aiton) Sm.	Grey poplar, Matchwood poplar		2	
290.	<i>Prosopis glandulosa</i> Torr. var. <i>torreyana</i> (Benson) Johnst. and hybrids	Honey mesquite		1b in Eastern Cape, Free State, North-West and Western Cape. 2 in Northern Cape Not listed elsewhere	
291.	<i>Prosopis velutina</i> Wootton and hybrids	Velvet mesquite		1b in Eastern Cape, Free State, North-West and Western Cape.	

292.	<i>Prunus serotina</i> Ehrh.	Black cherry	2 in Northern Cape Not listed elsewhere	1b	
293.	<i>Psidium cattleianum</i> Sabine (= <i>P. littorale</i> Raddi var. <i>longipes</i> (O.Berg.) Fosberg)	Strawberry guava	2 in Eastern Cape, KwaZulu-Natal, Limpopo, Mpumalanga and North-West	1b	
294.	<i>Psidium guajava</i> L.	Guava	Not listed elsewhere	1b	
295.	<i>Psidium guineense</i> Sw.	Brazilian guava	Not listed elsewhere	1b	
296.	<i>Psidium xdurbanensis</i> Baijnath ined.	Durban guava	Not listed elsewhere	1b	
297.	<i>Pueraria montana</i> (Lour.) Merr. var. <i>lobata</i> (Willd.) Maesen & S.M.Ameida (= <i>P. lobata</i> (Willd.) Ohwi)	Kudzu vine	1a		
298.	<i>Pyracantha angustifolia</i> (Franch.) C.K.Schneid.	Yellow firethorn	1b		Sterile cultivars or hybrids exempted
299.	<i>Pyracantha coccinea</i> M.Roem. Excluding cultivars under investigation	Red firethorn	1b		Sterile cultivars or hybrids exempted
300.	<i>Pyracantha crenatoserrata</i> (Hance) Rehder (= <i>P. fortuneana</i> misapplied)	Chinese firethorn, Broad leaf firethorn	1b		Sterile cultivars or hybrids exempted
301.	<i>Pyracantha crenulata</i> (D.Don) M.Roem; including var. <i>rogersiana</i> (= <i>P. rogersiana</i> (A.B.Jacks.) Chitt.)	Himalayan firethorn	1b		Sterile cultivars or hybrids exempted
302.	<i>Pyracantha koidzumii</i> (Hayata) Rehder	Formosa firethorn	1b		Sterile cultivars or hybrids exempted
303.	<i>Rhus glabra</i> L.	Scarlet sumach, Vinegar bush	3		
304.	<i>Ricinus communis</i> L.	Castor-oil plant	2		
305.	<i>Rivina humilis</i> L.	Rivina, Bloodberry	1b		
306.	<i>Robinia pseudoacacia</i> L.	Black locust	1b		
307.	<i>Rosa rubiginosa</i> L. (= <i>R. eglanteria</i> L.)	Eglantine, Sweetbriar	1b		

308.	<i>Rubus cuneifolius</i> Pursh and hybrid <i>R. × proteus</i> C.H. Stirt.	American bramble	1b	
309.	<i>Rubus ellipticus</i> Sm.	Asian wild raspberry, Yellow Himalayan raspberry	1a	
310.	<i>Rubus flagellaris</i> Willd.	Bramble	1b	
311.	<i>Rubus fruticosus</i> L. agg.	European blackberry	2	
312.	<i>Rubus immixtus</i> Gust.	Hogback raspberry	1b	
313.	<i>Rubus niveus</i> Thunb.	Ceylon raspberry, Mysore raspberry	1b	
314.	<i>Rumex acetosella</i> L.	Sheep sorrel, Red sorrel	1a Prince Edward and Marion Islands Not listed on mainland or other off-shore islands.	
315.	<i>Rumex usambarensis</i> (Dammer) Dammer (= <i>R. nervosus</i> Vahl var. <i>usambarensis</i> Dammer)	East African dock	1b	
316.	<i>Sagina procumbens</i> L.	Birdseye pearlwort	1b Prince Edward and Marion Islands Not listed on mainland or other off-shore islands.	
317.	<i>Sagittaria platyphylla</i> (Engelm.) J.G.Sm.	Slender arrowhead	1a	
318.	<i>Salsola kali</i> L.	Tumbleweed	1b	
319.	<i>Salsola tragus</i> L. (= <i>S. australis</i> R.Br.)	Russian tumbleweed	1b	
320.	<i>Salvia triifolia</i> Vahl	Lindenleaf sage	1b	
321.	<i>Salvinia minima</i> Baker	Small salvinia	1b	
322.	<i>Salvinia molesta</i> D.S.Mitch. and other species of the Family Salviniaceae	Kariba weed, Salvinia	1b	
323.	<i>Sambucus canadensis</i> L.	Canadian elder	1b	
324.	(= <i>S. nigra</i> L. subsp. <i>canadensis</i> (L.) Bollen) <i>Sambucus nigra</i> L.	European elder	1b	
325.	<i>Sasa ramosa</i> (Makino) Makino & Shibata (= <i>Arundinaria vagans</i> Gamble)	Dwarf yellow-striped bamboo	3	
326.	<i>Schefflera actinophylla</i> (Endl.) Harms	Australian cabbage tree, Queensland umbrella tree	1b in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. Not listed elsewhere	
327.	<i>Schefflera arboricola</i> (Hayata) Merr.	Dwarf umbrella tree	3 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. Not listed elsewhere	

328.	<i>Schefflera elegantissima</i> (hort. Veitch ex Mast.) Lowry & Frodin (= <i>Dizygotheca elegantissima</i> (hort. Veitch ex Mast.) R. Vig. & Guillaumin)	False aralia	3 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga.	
329.	<i>Schinus terebinthifolius</i> Raddi	Brazilian pepper tree	1b in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. 3 in Free State, Gauteng, North-West, Northern Cape and Western Cape.	
330.	<i>Senna bicapsularis</i> (L.) Roxb. (= <i>Cassia bicapsularis</i> L.)	Rambling cassia	1b	
331.	<i>Senna didymobotrya</i> (Fresen.) H.S. Irwin & Barneby (= <i>Cassia didymobotrya</i> Fresen.)	Peanut butter cassia	1b in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga.	
332.	<i>Senna hirsuta</i> (L.) H.S. Irwin & Barneby (= <i>Cassia hirsuta</i> L.)		1b	
333.	<i>Senna occidentalis</i> (L.) Link (= <i>Cassia occidentalis</i> L.)	Stinking weed, Wild coffee	1b	
334.	<i>Senna pendula</i> (Willd.) H.S. Irwin & Barneby var. <i>glabrata</i> (Vogel) H.S. Irwin & Barneby (= <i>Cassia coluteoides</i> Collad.)		1b	
335.	<i>Senna septemtrionalis</i> (Viv.) H.S. Irwin & Barneby (= <i>Cassia floribunda</i> sensu Brenan non Cav., C. <i>laevigata</i> Willd.)	Arsenic bush, Smooth senna	1b	
336.	<i>Sesbania punicea</i> (Cav.) Benth.	Red sesbania	1b	
337.	<i>Solanum betaceum</i> Cav. (= <i>Cyphomandra betacea</i> (Cav.) Sendtn.)	Tree tomato	3 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. Not listed elsewhere	
338.	<i>Solanum chrysotrichum</i> Schlttd. (S. <i>hispidum</i> misapplied in South Africa)	Giant devil's fig	1b	
339.	<i>Solanum elaeagnifolium</i> Cav.	Silver-leaf bitter apple	1b	
340.	<i>Solanum mauritanium</i> Scop.	Bugweed	1b	
341.	<i>Solanum pseudocapsicum</i> L.	Jerusalem cherry	1b	
342.	<i>Solanum seaforthianum</i> Andrews	Potato creeper	1b	
343.	<i>Solanum sisymbriifolium</i> Lam.	Wild tomato, Dense-thorned bitter	1b	

			apple		
344.	<i>Sorghum halepense</i> (L.) Pers.		Johnson grass, Aleppo grass	2	
345.	<i>Spartina alterniflora</i> Loisel.		Smooth cordgrass, Salt-water cordgrass	1a	
346.	<i>Spartium junceum</i> L.		Spanish broom	1b in Eastern Cape and Western Cape. 3 in Free State, Gauteng, KwaZulu-Natal, Limpopo, Mpumalanga, North-West and Northern Cape.	
347.	<i>Spathodea campanulata</i> P.Beauv.		African flame tree	3 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. Not listed elsewhere	
348.	<i>Sphagneticola trilobata</i> (L.) Pruski (= <i>Thelechiton trilobata</i> (L.) H.Rob. & Cuatrec., <i>Wedelia trilobata</i> (L.) Hitchc.)		Singapore daisy	1b in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. 3 in Free State, Gauteng, North-West, Northern Cape and Western Cape.	
349.	<i>Stachytarpheta cayennensis</i> (Rich.) Vahl (= <i>S. urticifolia</i> Sims)		Blue snakeweed, Cayenne snakeweed	3	
350.	<i>Stachytarpheta mutabilis</i> (Jacq.) Vahl		Pink snakeweed	3	
351.	<i>Stellaria media</i> (L.) Vill.		Common chickweed	1a Prince Edward Island; 1b Marion Island Not listed on mainland or other off-shore islands.	
352.	<i>Syngonium podophyllum</i> Schott		Goose foot, Arrow-head vine	1b in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. Not listed elsewhere	
353.	<i>Syzygium cumini</i> (L.) Skeels		Jambolan	1b	
354.	<i>Syzygium jambos</i> (L.) Alston		Rose apple	3	
355.	<i>Tamarix aphylla</i> (L.) H.Karst. Not to be confused with indigenous <i>Tamarix usneoides</i> E.Mey. ex Bunge <i>Tamarix chinensis</i> Lour.		Athel tree, Desert tamarisk	1b	
356.	Not to be confused with indigenous <i>Tamarix usneoides</i> E.Mey. ex Bunge		Chinese tamarisk	1b	
357.	<i>Tamarix gallica</i> L. Not to be confused with indigenous <i>Tamarix usneoides</i> E.Mey. ex Bunge		French tamarisk	1b	
358.	<i>Tamarix ramosissima</i> Ledeb.		Pink tamarisk	1b	

	Not to be confused with indigenous <i>Tamarix usneoides</i> E.Mey. ex Bunge			
359.	<i>Tecoma stans</i> (L.) Juss. ex Kunth	Yellow bells	1b	
360.	<i>Tephrocactus articulatus</i> (Pfeiff.) Backeb. (= <i>Opuntia articulata</i> (Pfeiff.) D.R.Hunt)	Pine cone cactus, Paper-spine cholla	1a	
361.	<i>Thevetia peruviana</i> (Pers.) K.Schum. (= <i>T. nerifolia</i> Juss. ex Steud.)	Yellow oleander	1b	
362.	<i>Tipuana tipu</i> (Benth.) Kuntze (= <i>T. speciosa</i> Benth.)	Tipu tree	3	
363.	<i>Tithonia diversifolia</i> (Hemsl.) A.Gray	Mexican sunflower	1b	
364.	<i>Tithonia rotundifolia</i> (Mill.) S.F.Blake	Red sunflower	1b	
365.	<i>Toona ciliata</i> M.Roem. (= <i>Cedrela toona</i> Roxb. ex Willd.)	Toon tree	3	
366.	<i>Toxicodendron succedaneum</i> (L.) Kuntze (= <i>Rhus succedanea</i> L.)	Wax tree	1b	
367.	<i>Tradescantia fluminensis</i> Vell.	Wandering Jew	1b	
368.	<i>Tradescantia zebрина</i> hort. ex Bosse (= <i>Zebrina pendula</i> Schnizl.)	Wandering Jew	1b	
369.	<i>Triplaris americana</i> L.	Triplaris, Ant tree	1b	
370.	<i>Tropaeolum speciosum</i> Poepp. & Endl.	Chilean flame creeper, Flame nasturtium	3	
371.	<i>Ulex europaeus</i> L.	European gorse	1b	
372.	<i>Undaria pinnatifida</i> (Harvey) Suringar	Asian kelp	1b	
373.	<i>Verbena bonariensis</i> L.	Wild verbena, Tall verbena, Purple top	1b	
374.	<i>Verbena brasiliensis</i> Vell.	Brazilian verbena	1b	
375.	<i>Verbena rigida</i> Spreng. (= <i>V. venosa</i> Gillies & Hook.)	Veined verbena	1b	
376.	<i>Vinca major</i> L.	Greater periwinkle	1b	Sterile cultivars or hybrids exempted
377.	<i>Vinca minor</i> L.	Lesser periwinkle	1b	Sterile cultivars or hybrids exempted
378.	<i>Vitex trifolia</i> L.	Indian three-leaf vitex	1b	
379.	<i>Wigandia urens</i> (Ruiz & Pav.) Kunth var. <i>caracasana</i> (Kunth) D.N.Gibson (= <i>W. caracasana</i> Kunth)	Wigandia	3	
380.	<i>Xanthium spinosum</i> L.	Spiny cocklebur	1b	
381.	<i>Xanthium strumarium</i> L.	Large cocklebur	1b	

List 2: Listed Invasive Mammal Species

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
1	<i>Addax nasomaculatus</i>	Addax	2	
2	<i>Aepyceros melampus petersi</i>	Black-faced impala	2	
3	<i>Ammotragus lervia</i>	Barbary sheep	2	
4	<i>Antilope cervicapra</i>	Indian blackbuck	2	
5	<i>Axis axis</i>	Axis deer (Chital)	2	
6	<i>Axis porcinus</i>	Hog deer	2	
7	<i>Boselaphus tragocamelus</i>	Nilgai	2	
8	<i>Capra hircus</i>	Feral goat	1a for off-shore islands	
9	<i>Cervus elaphus</i>	Red deer	2	
10	<i>Cervus nippon</i>	Sika deer	2	
11	<i>Dama dama</i>	Fallow deer	2	
12	<i>Diceros bicornis michaeli</i>	Black rhinoceros (Kenya)	2	
13	<i>Elaphurus davidianus</i>	Pere David's deer	2	
14	<i>Erythrocebus patas</i>	Patas monkey	1a in KwaZulu-Natal; 1b elsewhere	
15	<i>Felis catus</i>	Domestic cat	1a for off-shore islands	
16	<i>Hemitragus jemlahicus</i>	Himalayan tahr	1b	
17	<i>Hippotragus koba</i>	Western roan	2	
18	<i>Hydrochaeris hydrochaeris</i>	Cappybara	3	
19	<i>Kobus kafuensis</i>	Kafue lechwe	2	
20	<i>Kobus ellipsiprymnus crawshayi</i>	Crawshay's waterbuck, (Zambia)	2	
21	<i>Kobus ellipsiprymnus defassa</i>	Defassa waterbuck (Kenya)	3	
22	<i>Kobus lechwe</i>	Red lechwe	2	
23	<i>Kobus vardonii</i>	Puku	2	
24	<i>Madoqua kirkii</i>	Damara dik-dik	1a	
25	<i>Mus musculus</i>	House mouse	1b for off-shore islands	
26	<i>Myocastor coypus</i>	Coypu	3	
27	<i>Oryctolagus cuniculus</i>	European rabbit	1b for off-shore islands	
28	<i>Oryx dammah</i>	Oryx, scimitar-horned	2	
29	<i>Ovis musimon</i>	Mouflon	2	
30	<i>Rattus norvegicus</i>	Brown rat	1b for off-shore islands	
31	<i>Rattus rattus</i>	House rat	1b for off-shore islands	

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
32	<i>Rusa unicolor</i>	Sambar deer	2	
33	<i>Sciurus carolinensis</i>	Grey squirrel	1a in KwaZulu-Natal;	
34	<i>Sus scrofa</i>	Feral pig	3 elsewhere	
35	<i>Tragelaphus derbianus</i>	Derby eland	1b	
36	<i>Tragelaphus euryceros</i>	Bongo	3	
37	<i>Tragelaphus imberbis</i>	Lesser kudu	1a	
38	<i>Tragelaphus livingstonii</i>	Livingstone's eland	1a	
39	<i>Tragelaphus speki</i>	Sitatunga	2	
40	All hybrids between indigenous and introduced species		1a Excludes hybrids between two indigenous species (including hybrids of extra-limital species).	



List 3: National List of Invasive Bird Species

NO.	SPECIES	COMMON NAME	CATEGORY	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
1.	<i>Acridotheres tristis</i>	Indian myna	1b	
2.	<i>Alectoris chukar</i>	Chukar partridge	2 on mainland; 1b on off-shore islands	
3.	<i>Anas platyrhynchos</i>	Mallard duck	1b	
4.	<i>Columa livia</i>	Rock dove, Feral pigeon	1b	
5.	<i>Corvus splendens</i>	Indian house crow	1b	
6.	<i>Dendrocygna eyfoni</i>	Plumed whistling duck	1b	
7.	<i>Fringilla coelebs</i>	Chaffinch	1b	
8.	<i>Numida meleagris galeata</i>	West African helmeted guineafowl	3	
9.	<i>Passer domesticus</i>	House sparrow	1b	
10.	<i>Pavo cristata</i>	Common peafowl	2	
11.	<i>Psittacula krameri</i>	Rose-ringed parakeet	1b	
12.	<i>Psittacula cyanocephala</i>	Plum-headed parakeet	1b	
13.	<i>Sturnus vulgaris</i>	Eurasian starling	1b	
14.	All hybrids between indigenous and introduced species			
			1a	

List 4: National List of Invasive Reptile Species

NO.	SPECIES	COMMON NAME	CATEGORY / AREAS	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
1.	<i>Anolis carolinensis</i>	Green anole	2 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga 1b	
2.	<i>Apalone</i> species	Soft-shell terrapins		
3.	<i>Basiliscus plumifrons</i>	Plumed basilisk		
4.	<i>Bitis gabonica</i> x <i>Bitis</i> sp.	Gaboon adder x Any other <i>Bitis</i> species	2 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga 1b	
5.	<i>Calotes versicolor</i>	Changeable lizard	1b	
6.	<i>Chamaeleo jacksonii</i>	Jackson's chameleon	2 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga	
7.	<i>Chamaeleo melleri</i>	Meller's chameleon	2 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga	
8.	<i>Chelydra serpentina</i>	Common snapping turtle	1b	
9.	<i>Crotalus</i> species	Rattlesnakes	2	
10.	<i>Cuora</i> species	Chinese box terrapins	1b	
11.	<i>Emys orbicularis</i>	European pond turtle	1b	
12.	<i>Furcifer oustaleti</i>	Oustalet's chameleon	2	
13.	<i>Furcifer pardalis</i>	Panther chameleon	2	
14.	<i>Gehyra mutilata</i>	Stump-tailed gecko	1b	
15.	<i>Gekko gekko</i>	Tokay gecko	2	
16.	<i>Lepidodactylus lugubris</i>	Mourning gecko; Common smooth-scaled gecko	1b	
17.	<i>Morelia amethistina</i>	Amethystine python	2 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga	
18.	<i>Morelia spilotes</i>	Carpet/diamond python	2	
19.	<i>Pelodiscus</i> species	Chinese softshell terrapins	1b	
20.	<i>Python molurus</i>	Indian/Burmese python	2	
21.	<i>Python natalensis</i> x <i>Python molurus</i>	Southern African python x Burmese python	1a	
22.	<i>Trachemys</i> species	Turtles / Sliders native to the Americas	1b	
23.	<i>Varanus salvator</i>	Indonesian water monitor	1b	
24.	Unless otherwise listed, all hybrids between indigenous and introduced species of reptiles		1b	

List 5: National List of Invasive Amphibian Species

NO.	SPECIES	COMMON NAME	CATEGORY / AREAS	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
1.	<i>Amietophrynus gutturalis</i>	Guttural toad	1b in Western Cape	
2.	<i>Hyperolius marmoratus</i>	Painted reed frog	3 in Western Cape	
3.	<i>Dendrobates</i> species	Poison arrow frogs	1b	
4.	<i>Pelophylax</i> species <i>Dendrobatidae</i> Family	Marsh frog; Edible frog; Pool frog	1b	
5.	<i>Triturus cristatus</i>	Italian crested newt	1b	
6.	<i>Xenopus laevis</i> x <i>Xenopus gilli</i>	African clawed toad x Cape platanna	1b	
7.	Unless otherwise listed, all hybrids between indigenous and introduced species of amphibians		1b	

## List 6: National List of Invasive Fresh-water Fish Species

“Fish sanctuary areas” means areas fish sanctuary areas in the National Freshwater Ecosystem Priority Area maps, as shown in Notice 5.

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
1	<i>Ctenopharyngodon idella</i>	Grass carp	1b for the country.	Catch and release is prohibited in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in the Protected Areas and Fish Sanctuary Areas, except if done in accordance with an existing permit (where it must then be in the same area in which it was caught).
2	<i>Ctenopharyngodon idella</i>	Triploid grass carp	2 in Fish Sanctuary Areas and National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves declared in terms of the Protected Areas.  Not listed for other parts of the country, but may only be introduced into fresh-water systems in which it is has been formally documented to occur.  1b in Fish Sanctuary Areas and National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves declared in terms of the Protected Areas Act.	
3	<i>Cyprinus carpio</i>	Common carp	Not listed for other parts of the country, but may not be introduced into rivers, and may only be introduced into dams within fresh-water systems in which it is has been formally documented to occur.	Catch and release is prohibited in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas and Fish Sanctuary Areas.
4	<i>Gambusia affinis</i>	Mosquito-fish	1b for the country.	
5	<i>Hypophthalmichthys molitrix</i>	Silver carp	1b for the country.	Catch and release is exempted in all other areas.
6	<i>Lepomis macrochirus</i>	Bluegill sunfish	1b for the country.	
7	<i>Micropterus dolomieu</i>	Small-mouth bass	1 b in Fish Sanctuary Areas and National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves declared in terms of the Protected Areas.	Catch and release is prohibited in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas and Fish Sanctuary Areas.

			1b in all rivers and wetlands  Not listed for other parts of the country, but may not be introduced into rivers, and may only be introduced into dams within fresh-water systems in which it is has been formally documented to occur.	Catch and release, is exempted in dams and impoundments.  In all other areas, catch and release is prohibited, except if done in accordance with an existing permit (where it must then be in the same area in which it was caught).
8	<i>Micropterus floridanus</i>	Florida bass	1 b in Fish Sanctuary Areas and National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves declared in terms of the Protected Areas.  Not listed for other parts of the country, but may not be introduced into rivers, and may only be introduced into dams within fresh-water systems in which it is has been formally documented to occur.	Catch and release is prohibited in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas and Fish Sanctuary Areas.
9	<i>Micropterus floridanus</i> x <i>Micropterus salmoides</i>	Hybrids of Florida bass and large-mouth bass	1b for the country	Catch and release is prohibited in all other areas.
10	<i>Micropterus punctulatus</i>	Spotted bass	1b	Catch and release is prohibited in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas and Fish Sanctuary Areas, except if done in accordance with an existing permit (where it must then be in the same area in which it was caught).
11	<i>Micropterus salmoides</i>	Large-mouth bass	1 b in Fish Sanctuary Areas and National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves declared in terms of the Protected Areas Act.  Not listed for other parts of the country, but may not be introduced into rivers, and may only be introduced into dams within fresh-water systems in which it is has been formally documented to occur.	Catch and release is prohibited in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas and Fish Sanctuary Areas, except if done in accordance with an existing permit (where it must then be in the same area in which it was caught).
12	<i>Oncorhynchus mykiss</i>	Rainbow trout	2 in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas Act and Fish Sanctuary Areas.  2 for introduction into rivers.  Not listed for other parts of the country, and may only be introduced into dams within fresh-water systems in which it is has been formally	Catch and release is allowed in the rest of the country.

				documented to occur.		Catch and release is prohibited, except if done in accordance with an existing permit (where it must then be in the same area in which it was caught).
13	<i>Oreochromis niloticus</i>	Nile tilapia		1 b in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas Act and Fish Sanctuary Areas. 2 in rest of the country		Catch and release is prohibited in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas Act and Fish Sanctuary Areas. Catch and release, is exempted in all other areas.
14	<i>Perca fluviatilis</i>	Perch		1b for the country		
15	<i>Pterygoplichthys disjunctivus</i>	Vermiculated sailfin catfish		1b for the country		
16	<i>Salmo trutta</i>	Brown trout		2 in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas Act and Fish Sanctuary Areas. 2 for introduction into rivers. Not listed for other parts of the country, and may only be introduced into dams within fresh-water systems in which it is has been formally documented to occur.		Catch and release is prohibited in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas Act and Fish Sanctuary Areas, except if done in accordance with an existing permit (where it must then be in the same area in which it was caught). Catch and release is allowed in the rest of the country.
17	<i>Tinca tinca</i>	Tench		1b		Catch and release is prohibited in National Parks, Provincial Reserves, Mountain Catchment areas and Forestry Reserves specified in terms of the Protected Areas Act and Fish Sanctuary Areas. Catch and release is exempted in all other areas.

List 7: National List of Terrestrial Invasive Invertebrate Species

NO.	SPECIES	COMMON NAME	CATEGORY	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
1.	<i>Acarapis woodi</i>	Tracheal mite	1b	
2.	<i>Bactrocera invadens</i>	Asian fruit-fly	1a	
3.	<i>Bemisia tabaci</i>	Sweet potato whitefly	1b	
4.	<i>Cinara cupressi</i>	Cypress aphid	1b	
5.	<i>Coptotermes formosanus</i>	Formosan subterranean termite	1b	
6.	<i>Cosmopolites sordidus</i> (Germar)	Banana root borer	1b	
7.	<i>Dirofilaria immitis</i> Leidy, 1856	Heartworm nematode	1b	
8.	<i>Ditylenchus destructor</i> Thorne, 1945	Potato rot nematode	1b	
9.	<i>Ditylenchus dipsaci</i> (Kühn, 1857) Filip'ev, 1936	Stem and bulb nematode	1b	
10.	<i>Globodera rostochiensis</i> (Wollenweber, 1923), Behrens, 1975	Golden cyst nematode; potato cyst nematode.	1b	
11.	<i>Harmonia axyridis</i> (Pallas)	Asian ladybeetle	1b	
12.	<i>Linepithema humilis</i>	Argentine ant	1b	
13.	<i>Meloidogyne paritityla</i> Kleynhans, 1986	"Pecan nut" nematode	1b	
14.	Phasmatodid species	Stick insect	1b	
15.	<i>Pheidole magacephala</i>	Big-headed ant, Brown house-ant, Coastal brown-ant	1b	
16.	<i>Polistes dominula</i>	European Paper Wasp	1b	
17.	<i>Prostephanus truncates</i>	Larger grain borer	1a	
18.	<i>Phenacoccus madeirensis</i>	Pseudococcidae	1b	
19.	<i>Pseudococcus calceolariae</i>	Pseudococcidae	1b	
20.	<i>Radopholus similis</i> (Cobb, 1893) Thorne, 1949	Burrowing nematode	1b	
21.	<i>Trogoderma granarium</i>	Khapra beetle	1b	
22.	<i>Varroa destructor</i> Anderson & Trueman	Varroa mite	1b	
23.	<i>Vespula germanica</i> (Fabricius)	European wasp	1b	

List 8: National List of Invasive Fresh-water Invertebrate Species

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
1	<i>Aedes albopictus</i>	Asian tiger mosquito	1b	Catch and release is prohibited
2	<i>Apfexa marmorata</i>	Marbled tadpole snail	1b	Catch and release is prohibited
	<i>Anopheles</i>	Mosquito	1b	
3	<i>Astacus leptodactylus</i>	Danube/Galician Crayfish	1a	Catch and release is prohibited
4	<i>Cherax destructor</i>	Yabby	1a	Catch and release is prohibited, except if done in accordance with an existing permit (where it must then be in the same area as where it was caught).
5	<i>Cherax quadricarinatus</i>	Redclaw crayfish	1b	Catch and release is prohibited
6	<i>Cherax tenuimanus</i>	Marron	2	Catch and release is prohibited
7	<i>Lymnaea columella</i>	Amphibious pond snail	1b	Catch and release is prohibited
8	<i>Tarebia granifera</i>	Quilted malania	1b	Catch and release is prohibited



List 9: National List of Invasive Marine Invertebrate Species

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
1	<i>Argopecten purpuratus</i> Lamarck	Chilean Scallop	1b	
2	<i>Carcinus maenas</i>	European shore crab / Green crab	1b	
3	<i>Crassostrea gigas</i>	Japanese oyster	2	
4	<i>Disciniscus tenuis</i> Disc	Lamp shell	1b	
5	<i>Fenneropenaeus indicus</i>	White prawn	2 in all provinces except KwaZulu-Natal Indigenous to KwaZulu-Natal, and therefore not listed there.	Exempted outside of KwaZulu-Natal, in approved aquaculture facilities.
6	<i>Fenneropenaeus monodon</i>	Tiger prawn	2 in all provinces except KwaZulu-Natal Indigenous to KwaZulu-Natal, and therefore not listed there.	Exempted outside of KwaZulu-Natal, in approved aquaculture facilities.
7	<i>Ficopomatus enigmaticus</i>	Estuarine tube-worm	1b	
8	<i>Litopenaeus vannamei</i>	White shrimp, Whiteleg shrimp	1b 2 in approved aquaculture facilities	1b
9	<i>Mytilus galloprovincialis</i>	Mussels	2	
10	<i>Ostrea edulis</i>	European flat oyster	2	
11	<i>Perna viridis</i>	Green mussel	1b	
12	<i>Semimytilus algosus</i>	Pacific mussel	1b	
13	<i>Tetrapygus niger</i>	Black sea-urchin	1a	

List 10: National List of Invasive Microbial Species

NO.	SPECIES	COMMON NAME	CATEGORY	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION
1.	<i>Kirramyces destructans</i>		1b	
2.	<i>Kirramyces eucalypti</i>		1b	
3.	<i>Phytophthora kernoviae</i>	Fungus-like pathogen	1b	
4.	<i>Phytophthora pinifolia</i>	Fungus-like pathogen	1b	
5.	<i>Phytophthora cinnamomi</i>	Fungus-like pathogen	1b	
6.	<i>Teratosphaeria cryptica</i>	Eucalyptus leaf blotch	1b	
7.	<i>Fusarium circinatum</i> genotypes		1b	

## NOTICE 4:

## LIST OF PROHIBITED ALIEN SPECIES IN TERMS OF SECTION 67(1)

No.	Scientific Name	Common Name
<b>PROHIBITED PLANTS</b>		
1.	<i>Acaena pallida</i> (Kirk) Allan	Pale biddy-biddy
2.	<i>Achnatherum brachychaetum</i> (Godr.) Barkworth (= <i>Nassella brachychaeta</i> (Godr.) Barkworth, <i>Stipa brachychaeta</i> Godr.)	Puna grass
3.	<i>Achnatherum caudatum</i> (Trin.) S.W.L. Jacobs & J.Everett	Speat grass
4.	<i>Aegilops cylindrica</i> Host (= <i>Cylindropyrum cylindricum</i> (Host) A.Löve, <i>Triticum cylindricum</i> (Host) Ces.)	Jointed goat grass
5.	<i>Aegilops geniculata</i> Roth (= <i>A. ovata</i> auct., <i>Triticum ovatum</i> auct.)	Ovate goat grass
6.	<i>Aegilops</i> species	Goat grasses
7.	<i>Aegilops triuncialis</i> L. (= <i>A. squarrosa</i> L., <i>Triticum triunciale</i> (L.) Raspail)	Barb goat grass
8.	<i>Aeginetia</i> species	<i>Aeginetia</i> species
9.	<i>Aeschynomene rudis</i> Benth.	Rough joint-vetch
10.	<i>Allium paniculatum</i> L.	Panicled onion
11.	<i>Allium vineale</i> L. (= <i>A. kochii</i> Lange)	Wild garlic
12.	<i>Alternanthera philoxeroides</i> (Mart.) Griseb.	Alligator weed
13.	<i>Ambrosia trifida</i> L.	Giant ragweed
14.	<i>Andropogon bicornis</i> L.	West Indian foxtail grass
15.	<i>Andropogon virginicus</i> L.	Broom-sedge
16.	<i>Annona glabra</i> L.	Pond apple
17.	<i>Artemisia verticillatum</i> Lamotte	Mugwort
18.	<i>Arundinaria</i> species	Arundinaria reeds / bamboos
19.	<i>Azolla</i> species except <i>A. pinnata</i> R.Br. var. <i>africana</i> (Desv.) Baker which may be indigenous	<i>Azolla</i> species
20.	<i>Baccharis halimifolia</i> L.	Groundsel bush
21.	<i>Berberis glaucocarpa</i> Stapf	Barberry
22.	<i>Bifora fesciculata</i> (L.) Spreng. (= <i>Coriandrum fesciculatum</i> L.)	Bifora
23.	<i>Cabomba</i> species	<i>Cabomba</i> species
24.	<i>Callistachys lanceolata</i> Vent. (= <i>Oxylobium lanceolatum</i> (Vent.) Druce)	<i>Oxylobium</i>
25.	<i>Calluna vulgaris</i> (L.) Hull	Heather
26.	<i>Calotis lappulacea</i> Benth.	Bur-daisy
27.	<i>Carduus acanthoides</i> L.	Plumeless thistle
28.	<i>Carduus pycnocephalus</i> L.	Italian thistle
29.	<i>Carthamus leucocaulos</i> Sm.	White-stem distaff thistle, Saffron thistle

No.	Scientific Name	Common Name
30.	<i>Carthamus oxyacanthus</i> M.Bieb. (= <i>C. flavescens</i> Willd.)	Wild safflower
31.	<i>Cassinia arcuata</i> R.Br.	Chinese shrub, Drooping cassinia
32.	<i>Caulerpa taxifolia</i> (Vahl) C.Agardh	Notched caulerpa, Feather caulerpa, Killer alga
33.	<i>Celastrus orbiculatus</i> Thunb. (= <i>C. articulatus</i> Thunb.)	Climbing spindleberry, Oriental bittersweet
34.	<i>Cenchrus echinatus</i> L.	Southern sandbur grass, Mossman River grass
35.	<i>Cenchrus longispinus</i> (Hack.) Fernald	Mat sandbur, Spiny bur grass
36.	<i>Centaurea diffusa</i> Lam.	Diffuse knapweed
37.	<i>Centaurea iberica</i> Trevir. ex Spreng.	Iberian star thistle
38.	<i>Centaurea stoebe</i> L. subsp. <i>micranthos</i> (Gugler) Hayek (= <i>Centaurea biebersteinii</i> auct., <i>C. maculosa</i> auct.)	Spotted knapweed
39.	<i>Centaurea sulphurea</i> Willd.	Sicilian star thistle
40.	<i>Centaurea virgata</i> Lam. subsp. <i>squarrosa</i> (Boiss.) Gugler (= <i>C. squarrosa</i> Willd., <i>C. virgata</i> auct.)	Squarrose knapweed
41.	<i>Choripora tenella</i> (Pall.) DC.	Purple mustard
42.	<i>Chrysopogon aciculatus</i> (Retz.) Trin. (= <i>Andropogon acicularis</i> Retz. ex Roem. & Schult., <i>A. aciculatus</i> Retz., <i>Rhaphis acicularis</i> (Retz. ex Roem. & Schult.) Desv., <i>R. aciculata</i> (Retz.) Honda)	Pilpilulua
43.	<i>Cirsium japonicum</i> Fisch. ex DC.	Japanese thistle
44.	<i>Cirsium ochrocentrum</i> A.Gray	Yellow-spine thistle
45.	<i>Cirsium undulatum</i> (Nutt.) Spreng.	Wavy-leaf thistle
46.	<i>Clematis vitalba</i> L.	Old man's beard
47.	<i>Cnidemia hirta</i> (L.) D.Don (= <i>Melastoma hirtum</i> L.)	Koster's curse
48.	<i>Coccinia grandis</i> (L.) Voigt (= <i>C. cordifolia</i> auct., <i>C. indica</i> Wight & Arn.)	Ivy gourd
49.	<i>Cortaderia richardii</i> (Endl.) Zotov	New Zealand pampas grass
50.	<i>Crassula helmsii</i> (Kirk) Cockayne	Swamp stonecrop
51.	<i>Crataegus sinaica</i> Boiss.	Azzarola
52.	<i>Crupina vulgaris</i> Cass.	Common crupina, Bearded creeper
53.	<i>Cupaniopsis anacardioides</i> (A.Rich.) Radlk. (= <i>Cupania anacardioides</i> A.Rich.)	Carrotwood
54.	<i>Cuscuta indecora</i> Choisy (= <i>C. jepsonii</i> Yunck.)	Large-seeded dodder
55.	<i>Cuscuta reflexa</i> Roxb.	Giant dodder, Indian dodder
56.	<i>Cylindropuntia</i> species not in South Africa	
57.	<i>Cymbopogon refractus</i> (R.Br.) A.Camus (= <i>Andropogon refractus</i> R.Br.)	Barbwire grass
58.	<i>Datura leichhardtii</i> F.Muell. ex Benth. (= <i>D. pruinosa</i> Greenm.)	Leichhardt's thorn apple
59.	<i>Datura wrightii</i> Regel (= <i>D. meteloides</i> auct.)	Hairy thorn apple
60.	<i>Dioscorea alata</i> L. (= <i>D. rubella</i> Roxb.)	White yam
61.	<i>Diploaxis tenuifolia</i> (L.) DC. (= <i>Sisymbrium tenuifolium</i> L.)	Sand rocket
62.	<i>Dipsacus fullonum</i> L. (= <i>D. sylvestris</i> Huds.)	Wild teasel
63.	<i>Drymaria arenarioides</i> Humb. & Bonpl. ex Schult.	Alfombrilla, Lightningweed
64.	<i>Echium italicum</i> L.	Italian bugloss

No.	Scientific Name	Common Name
65.	<i>Eichhornia azurea</i> (Sw.) Kunth	Anchored water hyacinth
66.	<i>Eichhornia</i> species	Water hyacinth species
67.	<i>Elephantopus mollis</i> Kunth (= <i>E. tomentosus</i> auct. nonn.)	Elephantopus, Elephant's foot
68.	<i>Emex spinosa</i> (L.) Campd. (= <i>Rumex spinosus</i> L.)	Spiny emex, Devil's thorn, Lesser jack
69.	<i>Equisetum arvense</i> L.	Field horsetail, Common horsetail
70.	<i>Erica lusitanica</i> Rudolphi	Spanish heath, Portuguese heath
71.	<i>Euphorbia oblongata</i> Griseb.	Oblong spurge
72.	<i>Euphorbia terracina</i> L.	Geraldton carnation
73.	<i>Fallopia japonica</i> (Houtt.) Ronse Decr. (= <i>Polygonum cuspidatum</i> Siebold & Zucc., <i>Polygonum reynoutria</i> Makino, <i>Reynoutria japonica</i> Houtt.)	Japanese knotweed
74.	<i>Fallopia X bohemica</i> (Chrtek. & Chrtková) J.P. Bailey	Japanese knotweed hybrid
75.	<i>Gaura drummondii</i> (Spach) Torr. & A. Gray (= <i>G. odorata</i> auct.)	Drummond's gaura
76.	<i>Gmelina asiatica</i> L.	Badhara bush
77.	<i>Gymnocoronis spilanthoides</i> DC.	Senegal tea plant, Temple plant
78.	<i>Halimodendron halodendron</i> (Pall.) Voss (= <i>Caragana argentea</i> Lam., <i>Halimodendron argenteum</i> (Lam.) DC., <i>Robinia halodendron</i> Pall.)	Russian salt tree
79.	<i>Halogeton glomeratus</i> (M.Bieb.) C.A.Mey. (= <i>Anabasis glomerata</i> M.Bieb.)	Halogeton
80.	<i>Harrisia</i> species not in South Africa	
81.	<i>Harungana madagascariensis</i> Lam. ex Poir. (= <i>Harongna madagascariensis</i> (Lam. ex Poir.) Chois)	Harungana, Haronga, Dragon's-blood-tree
82.	<i>Helianthus ciliaris</i> DC.	Blueweed, Texas blueweed
83.	<i>Hieracium aurantiacum</i> L. (= <i>Pilosella aurantiaca</i> (L.) F.W.Schultz & Sch. Bip.)	Orange hawkweed
84.	<i>Hieracium pilosella</i> L. (= <i>Pilosella officinarum</i> F.W. Schultz & Sch. Bip.)	Mouse-ear hawkweed
85.	<i>Hieracium praealtum</i> Gochn.	King devil
86.	<i>Hydrocharis morsus-ranae</i> L.	Frog's-bit
87.	<i>Hydrodictyon reticulatum</i> Lagerh.	Water net
88.	<i>Hygrophila costata</i> Nees et al. (= <i>H. brasiliensis</i> (Spreng.) Lindau, <i>H. guianensis</i> Nees, <i>Ruellia brasiliensis</i> Spreng.)	Hygrophila
89.	<i>Hygrophila polysperma</i> (Roxb.) T. Anderson (= <i>Justicia polysperma</i> Roxb.)	Miramar weed, Hygrophila
90.	<i>Hymenachne amplexicaulis</i> (Rudge) Nees	Olive hymenachne, West Indian marsh grass
91.	<i>Hypericum triquetrifolium</i> Turra (= <i>H. crispum</i> L.)	Tangled hypericum
92.	<i>Hypericum X inodorum</i> Mill. (= <i>H. elatum</i> Aiton)	Tall St John's wort, Tall tutsan
93.	<i>Hyptis capitata</i> Jacq.	Knobweed
94.	<i>Hyptis pectinata</i> (L.) Poit. (= <i>Nepeta pectinata</i> L.)	Comb hyptis
95.	<i>Hyptis suaveolens</i> (L.) Poit. (= <i>Ballota suaveolens</i> L.)	Wild spikenard, Hyptis
96.	<i>Imperata brasiliensis</i> Trin.	Brazilian satin-tail
97.	<i>Imperata brevifolia</i> Vasey (= <i>Imperata hookeri</i> (Rupr. ex Andersson) Hack.)	Satin-tail
98.	<i>Ipomoea triloba</i> L.	Little-bell, Alea morning-glory

No.	Scientific Name	Common Name
99.	<i>Ischaemum rugosum</i> Salisb.	Murain-grass
100.	<i>Iva axillaris</i> Pursh	Poverty weed
101.	<i>Iva axillaris</i> Pursh subsp. <i>robustior</i>	Poverty weed
102.	<i>Juncus acutus</i> L. subsp. <i>acutus</i>	Spiny rush
103.	<i>Lagascea mollis</i> Cav.	Acuate
104.	<i>Lepidium appelianum</i> Al-Shehbaz (= <i>Cardaria pubescens</i> (C.A.Mey.) Jarm.)	Globe-pod hoary cress
105.	<i>Lepidium draba</i> L. subsp. <i>chalepense</i> (L.) Thell. (= <i>Cardaria chalepensis</i> (L.) Hand.-Mazz)	Lens podded hoary cress
106.	<i>Lepidium latifolium</i> L.	Perennial pepperweed / Perennial peppergrass
107.	<i>Linnobium spongia</i> (Bosc) Steud. (= <i>Hydrocharis spongia</i> Bosc)	American spongeplant
108.	<i>Linnocharis flava</i> (L.) Buchenau (= <i>Alisma flavum</i> L., <i>Linnocharis emarginata</i> Bonpl.)	Sawah flowering rush, Yellow burrhead
109.	<i>Linnophila indica</i> (L.) Druce (= <i>Hottonia indica</i> L.)	Ambulia
110.	<i>Linnophila sessiliflora</i> (Vahl) Blume (= <i>Hottonia sessiliflora</i> Vahl)	Ambulia
111.	<i>Luciwigia peploides</i> (Kunth) P.H.Raven	Primrose willow, Creeping water-primrose
112.	<i>Malachra alceifolia</i> Jacq.	Malachra
113.	<i>Malvella leprosa</i> (Ortega) Krapov. (= <i>Sida hederacea</i> (Douglas ex Hook.) Torr. ex A.Gray, <i>Sida leprosa</i> var. <i>hederacea</i> (Douglas ex Hook.) K.Schum.)	Alkali mallow, Alkali sida
114.	<i>Martynia annua</i> L. (= <i>M. diandra</i> Gloxin)	Devil's claw
115.	<i>Medinilla venosa</i> (Blume) Blume (= <i>Melastoma venosum</i> Blume)	Indian-rhododendron
116.	<i>Melastoma malabathricum</i> L. (= <i>Melastoma normale</i> D.Don)	Melastoma species
117.	<i>Melastoma</i> species	Bog bean
118.	<i>Menyanthes trifoliata</i> L.	Miconia
119.	<i>Miconia</i> species	Mile-a-minute
120.	<i>Mikania cordata</i> (Burm.f.) B.L.Rob.	Mile-a-minute, Climbing hempweed
121.	<i>Mikania micrantha</i> Kunth	Climbing hempweed
122.	<i>Mikania scandens</i> (L.) Willd. (= <i>Eupatorium scandens</i> L., <i>Willoughbya scandens</i> (L.) Kuntze)	Giant sensitive-plant
123.	<i>Mimosa diplotricha</i> C.Wright (= <i>M. invisa</i> Mart.)	Giant Chinese silver grass, Japanese silver grass
124.	<i>Miscanthus floridulus</i> (Labill.) Warb. ex K.Schum. & Lauterb. (= <i>M. japonicus</i> Andersson, <i>Saccharum floridulum</i> Labill.)	
125.	<i>Monochoria hastata</i> (L.) Solms	Arrow-leaf monochoria, Hastate-leaf-pondweed
126.	<i>Monochoria vaginalis</i> (Burm.f.) C.Presl. ex Kunth (= <i>M. vaginalis</i> var. <i>pauciflora</i> Merr., <i>Pontederia vaginalis</i> Burm.f.)	Oval-leaf monochoria, Oval-leaf-pondweed, Pickerel-weed
127.	<i>Muhlenbergia schreberi</i> J.F.Gmel. (= <i>M. diffusa</i> Willd.)	Nimblewill
128.	<i>Myagrum perfoliatum</i> L.	Muskweed
129.	<i>Najas guadalupensis</i> (Spreng.) Magnus	Southern naiad
130.	<i>Nassella charruana</i> (Arechav.) Barkworth (= <i>Stipa charruana</i> Arechav.)	Lobed needlegrass
131.	<i>Nassella hyalina</i> (Nees) Barkworth (= <i>Stipa hyalina</i> Nees)	Cane needlegrass
132.	<i>Nassella leucotricha</i> (Trin. & Rupr.) R.W.Pohl (= <i>Stipa leucotricha</i> Trin. & Rupr.)	Texas needlegrass

No.	Scientific Name	Common Name
133.	<i>Nechamandra alternifolia</i> (Roxb.) Thwaites (= <i>Vallisneria alternifolia</i> Roxb.)	Burma reed
134.	<i>Neyraudia reynaudiana</i> (Kunth) Keng ex Hitchc. (= <i>Aruno reynaudiana</i> Kunth)	Yellow water-lily
135.	<i>Nuphar lutea</i> (L.) Sm. (= <i>N. minor</i> Dumort., <i>N. sericea</i> Láng, <i>N. spathulifera</i> Rchb., <i>N. tenella</i> Rchb., <i>Nymphaea lutea</i> L., <i>N. umbilicalis</i> Salisb., <i>Nymphocharanthus luteus</i> (L.) Fernald, <i>N. sericeus</i> (Láng) Fernald, <i>N. vulgaris</i> Rich.)	Entire marshwort
136.	<i>Nymphoides geminata</i> (R.Br.) Kuntze (= <i>Villarsia geminata</i> R.Br.)	Water dropwort, Corky-fruit water-dropwort
137.	<i>Oenanthe pimpinelloides</i> L.	Foxtail restharrow
138.	<i>Ononis alopecuroides</i> L.	Stemless thistle
139.	<i>Onopordum acaulon</i> L.	Illyrian thistle
140.	<i>Onopordum illyricum</i> L.	Taurian thistle, Taurian thistle
141.	<i>Onopordum tauricum</i> Willd.	Prickly pear species
142.	<i>Opuntia</i> species not in South Africa	Cooper's broomrape
143.	<i>Orobanche cooperi</i> (A.Gray) A.Heller (= <i>O. ludoviciana</i> Nutt. var. <i>cooperi</i> (A.Gray) Beck)	Red rice, Perennial wild red rice
144.	<i>Oryza rufipogon</i> Griff. (= <i>O. fatua</i> J. König ex Trin., nom. nud., <i>O. Sativa</i> L. var. <i>fatua</i> Prain)	Duck-lettuce, Water-plantain ottelia
145.	<i>Ottelia alismoides</i> (L.) Pers.	Sewer vine
146.	<i>Oxyropa paniculata</i> (D.Don) DC. (= <i>Arthrostemma paniculatum</i> D.Don)	Skunk vine
147.	<i>Paederia crudasiana</i> Prain	Blue panic grass
148.	<i>Paederia foetida</i> L. (= <i>P. magnifica</i> Noronha, nom. nud., <i>P. scandens</i> (Lour.) Merr., <i>P. tomentosa</i> Blume, <i>Gentiana scandens</i> Lour.)	Wall pellitory
149.	<i>Panicum antidotale</i> Retz. (= <i>P. miliare</i> Lam., <i>P. proliferum</i> Lam.)	Wingleaf passionfruit
150.	<i>Parietaria judaica</i> L. (= <i>P. diffusa</i> Mert. & W.D.J. Koch)	Chinese pennisetum, Swamp foxtail grass
151.	<i>Passiflora bicornis</i> Mill. (= <i>P. pulchella</i> Kunth)	Kyasuwa-grass
152.	<i>Pennisetum alopecuroides</i> (L.) Spreng. (= <i>Alopecurus hordeiformis</i> L., <i>Panicum alopecuroides</i> L., <i>Pennisetum compressum</i> R.Br., <i>P. hordeiforme</i> (Thunb.) Spreng., <i>P. japonicum</i> Trin. ex Spreng.)	Mission grass, Thin Napier grass
153.	<i>Pennisetum pedicellatum</i> Trin.	Devil's tail tearthumb, Mile-a-minute-vine, Mile-a-minute-weed
154.	<i>Pennisetum polystachion</i> (L.) Schult.	Himalayan knotweed
155.	<i>Pereskia</i> species not in South Africa	Long-leaf ground-cherry
156.	<i>Persicaria perfoliata</i> (L.) H.Gross (= <i>Polygonum perfoliatum</i> L.)	Soldier thistle
157.	<i>Persicaria wallichii</i> Greuter & Burdet (= <i>P. polystachya</i> (Wall. ex Meisn.) H.Gross, <i>Polygonum polystachyum</i> Wall. ex Meisn., <i>Rubrivena polystachya</i> (Wall. ex Meisn.) M.Král)	Spiked pepper, Piper
158.	<i>Physalis longifolia</i> Nutt. (= <i>P. subglabrata</i> Mack. & Bush, <i>P. virginiana</i> Mill. var. <i>sonorae</i> (Torr.) Waterf.)	Tropical pickrel-weed
159.	<i>Picnemon acarna</i> (L.) Cass.	Clasped pondweed
160.	<i>Piper aduncum</i> L. (= <i>P. angustifolium</i> Ruiz & Pav., <i>P. celtidifolium</i> Kunth, <i>P. elongatum</i> Vahl)	
161.	<i>Pontederia rotundifolia</i> L.f. (= <i>Reussia rotundifolia</i> (L.f.) A.Cast.)	
162.	<i>Potamogeton perfoliatus</i> L.	

No.	Scientific Name	Common Name
163.	<i>Prosopis alpataco</i> Phil.	Mesquite
164.	<i>Prosopis argentina</i> Burkhardt	Mesquite
165.	<i>Prosopis bukartii</i> Muñoz	Mesquite
166.	<i>Prosopis caldenia</i> Burkart	Mesquite
167.	<i>Prosopis calingastana</i> Burkart	Cusqui, Mesquite
168.	<i>Prosopis campestris</i> Griseb.	Mesquite
169.	<i>Prosopis castellanosi</i> Burkart	Mesquite
170.	<i>Prosopis denudans</i> Benth. (= <i>P. patagonica</i> Speg.)	Mesquite
171.	<i>Prosopis elata</i> (Burkart) Burkart (= <i>P. campestris</i> Griseb. var. <i>elata</i> Burkart)	Mesquite
172.	<i>Prosopis farcta</i> (Banks & Sol.) J.F. Macbr. (= <i>Mimosa farcta</i> Banks & Sol.), <i>M. stephaniana</i> (M.Bieb.) Kunth ex Spreng.)	Syrian mesquite
173.	<i>Prosopis ferox</i> Griseb.	Mesquite
174.	<i>Prosopis febrigii</i> Harms	Mesquite
175.	<i>Prosopis hassleri</i> Harms	Mesquite
176.	<i>Prosopis humilis</i> Gillies ex Hook. & Arn.	Mesquite
177.	<i>Prosopis kuntzei</i> Harms	Mesquite
178.	<i>Prosopis palmieri</i> S. Watson	Mesquite
179.	<i>Prosopis reptans</i> Benth. (= <i>P. cinerascens</i> (A. Gray) Benth., <i>Strombocarpa cinerascens</i> A. Gray)	Mesquite
180.	<i>Prosopis rojasiana</i> Burkart	Mesquite
181.	<i>Prosopis ruizleeii</i> Burkart	Mesquite
182.	<i>Prosopis ruscifolia</i> Griseb.	Mesquite
183.	<i>Prosopis sericantha</i> Gillies ex Hook. & Arn.	Mesquite
184.	<i>Prosopis strombulifera</i> (Lam.) Benth. (= <i>Acacia strombulifera</i> (Lam.) Willd., <i>Mimosa strombulifera</i> Lam.)	Argentine screwbean, Creeping mesquite
185.	<i>Prosopis torquata</i> (Cav. ex Lag.) DC. (= <i>Acacia torquata</i> Cav. Ex Lag.)	Mesquite
186.	<i>Pueraria phaseoloides</i> (Roxb.) Benth. (= <i>Dolichos phaseoloides</i> Roxb., <i>Neustanthus javanicus</i> Benth., <i>Pueraria javanica</i> (Benth.) Benth.)	Tropical kudzu
187.	<i>Ranunculus acris</i> L. (= <i>R. friesianus</i> Jord.)	Giant buttercup
188.	<i>Ranunculus sceleratus</i> L.	Celery-leaf buttercup
189.	<i>Reseda phyteuma</i> L.	Ramplon mignonette
190.	<i>Rorippa austriaca</i> (Crantz) Besser (= <i>Nasturtium austriacum</i> Crantz)	Austrian field cress
191.	<i>Rorippa sylvestris</i> (L.) Besser	Creeping yellow field cress
192.	<i>Rubus anglocardicans</i> A. Newton	Blackberry
193.	<i>Rubus argutus</i> Link	Prickly Florida blackberry
194.	<i>Rubus moluccanus</i> L. (= <i>R. hillii</i> F. Muell.)	Wild blackberry, Wild raspberry
195.	<i>Rubus sieboldii</i> Blume	Molucca raspberry
196.	<i>Saccharum spontaneum</i> L. (= <i>S. arenicola</i> Ohwi, <i>S. biflorum</i> Forssk.)	Wild sugarcane



No.	Scientific Name	Common Name
197.	<i>Sagittaria montevidensis</i> Cham. & Schltdl. (= <i>Lophotocarpus spongiosus</i> (Engelm.) J.G.Sm., <i>S. calycina</i> Engelm.)	Giant arrowhead
198.	<i>Salsola collina</i> Pall.	Spineless Russian thistle, Tumbleweed
199.	<i>Salsola paulsenii</i> Litv.	Barbwire Russian thistle
200.	<i>Salsola vermiculata</i> L.	Wormleaf salsola, Wormleaf saltwort
201.	<i>Salvia aethiopsis</i> L.	Mediterranean sage
202.	<i>Salvia virgata</i> Jacq. (= <i>S. campestris</i> M.Bieb.)	Meadow sage
203.	<i>Salvinia auriculata</i> Aubl. (= <i>S. Rotundifolia</i> Willd.)	Salvinia, Giant salvinia
204.	<i>Salvinia biloba</i> Raddi	Giant salvinia
205.	<i>Salvinia herzogii</i> de la Sota	Giant salvinia
206.	<i>Sclerolaena birchii</i> (F.Muell.) Domin (= <i>Anisacantha birchii</i> F.Muell.)	Galvanised burr
207.	<i>Scolymus hispanicus</i> L.	Golden thistle
208.	<i>Scolymus maculatus</i> L.	Spotted golden thistle
209.	<i>Senecio jacobaea</i> L.	Tansy ragwort, St James' ragwort
210.	<i>Senecio squaidus</i> L.	Oxford ragwort
211.	<i>Senna tora</i> (L.) Roxb. (= <i>Cassia tora</i> L.)	Java bean, Sicklepod senna
212.	<i>Setaria faberii</i> R.A.W.Herrm.	Chinese foxtail, Giant foxtail
213.	<i>Setaria palmifolia</i> (J.König) Stapf (= <i>Panicum palmifolium</i> Willd. ex Poir., <i>Chaetochloa palmifolia</i> Hitchc. & Chase)	Palm grass
214.	<i>Solanum carolinense</i> L.	Horse nettle, Carolina horse nettle
215.	<i>Solanum dimidiatum</i> Raf. (= <i>S. torreyi</i> A.Gray)	Torrey's nightshade
216.	<i>Solanum lanceolatum</i> Cav.	Lance-leaf nightshade
217.	<i>Solanum marginatum</i> L.f.	White-margined nightshade, White-edged nightshade
218.	<i>Solanum robustum</i> H.L.Wendl. (= <i>S. alatum</i> Seem. & J. C. Schmidt)	Silver-leaf nightshade
219.	<i>Solanum tampicense</i> Dunal	Wetland nightshade
220.	<i>Sonchus arvensis</i> L.	Perennial sow thistle
221.	<i>Sorghum</i> hybrid 'Silk'	Silk forage sorghum
222.	<i>Sorghum X alatum</i> Parodi (= <i>S. bicolor</i> (L.) Moench X <i>S. halepense</i> (L.) Pers.)	Columbus grass
223.	<i>Sparganium erectum</i> L. (= <i>S. chlorocarpum</i> Rydb., <i>S. polyedrum</i> (Asch. & Graebn.) Juz., <i>S. ramosum</i> Huds.)	Exotic bur-reed, Bur reed
224.	<i>Spermacoce alata</i> Aubl. (= <i>Borreria alata</i> (Aubl.) DC.)	Borreria, Buttonweed
225.	<i>Sphaerophysa salsula</i> (Pall.) DC. (= <i>Colutea caspica</i> M.Bieb., <i>Phaca salsula</i> Pall., <i>Swainsona salsula</i> (Pall.) Taub.)	Austrian pea-weed
226.	<i>Sporobolus indicus</i> (L.) R.Br. var. <i>major</i> (Büse) Baaijens (= <i>Agrostis fertilis</i> Steud., <i>S. diandrus</i> (Retz) P.Beauv. var. <i>major</i> Büse, <i>S. elongatus</i> R.Br. var. <i>purpureo-suffusus</i> Ohwi, <i>S. fertilis</i> (Steud.) Clayton, <i>S. indicus</i> var. <i>fertilis</i> (Steud.) Jovet & Guédès, <i>S. indicus</i> var. <i>purpureo-suffusus</i> (Ohwi) T.Koyama)	Giant Parramatta grass
227.	<i>Stratiotes aloides</i> L.	Water-aloë, Soldier plant, Water-soldier
228.	<i>Symphytum asperum</i> Lepsch. (= <i>S. asperinum</i> Sims)	Prickly comfrey, Rough comfrey
229.	<i>Taeniatherum caput-medusae</i> (L.) Nevski (= <i>Cuviera caput-medusae</i> (L.) Koeler var. <i>aspera</i> Simonk., <i>Elymus caput-medusae</i> L., <i>E. crinitus</i> Schreb., <i>Hordeum crinitum</i> (Schreb.) Desf., <i>T. asperum</i> (Simonk.) Nevski, <i>T. crinitum</i> )	Medusa-head, Medusa's-head

No.	Scientific Name	Common Name
	(Schreb.) Nevski	
230.	<i>Themeda quadrivalvis</i> (L.) Kuntze (= <i>Andropogon quadrivalvis</i> L., <i>Anthriscia ciliata</i> L.f., <i>Themeda ciliata</i> (L.f.) Hack.)	Grader grass, Habana grass
231.	<i>Themeda villosa</i> (Poir.) A. Camus (= <i>Anthriscia villosa</i> Poir., <i>Themeda gigantea</i> (Cav.) Hack. subsp. <i>villosa</i> (Poir.) Hack.)	Lyon's grass
232.	<i>Thunbergia annua</i> Hochst.	Thunbergia
233.	<i>Thunbergia fragrans</i> Roxb. (= <i>T. volubilis</i> Pers., <i>Flemingia grandiflora</i> Roxb. ex Rottler)	Fragrant thunbergia, White thunbergia
234.	<i>Tribulus cistoides</i> L. (= <i>T. terrestris</i> L. var. <i>cistoides</i> (L.) Oliv.)	Caltrop
235.	<i>Triumfetta semitriloba</i> Jacq.	Sacramento bur
236.	<i>Vallisneria gigantea</i> Graebn.	Eelgrass
237.	<i>Viscum album</i> L.	European mistletoe
238.	<i>Zizania latifolia</i> (Griseb.) Turcz. ex Stapf (= <i>Z. caduciflora</i> Hand.-Mazz., <i>Hydrophyrum latifolium</i> Griseb.)	Manchurian wild rice
239.	<i>Zygophyllum fabago</i> L. (= <i>Z. fabago</i> L. var. <i>brachycarpum</i> Boiss.)	Syrian bean-caper

Scientific name	Common name
<b>PROHIBITED MAMMALS</b>	
1. <i>Alcelaphus buselaphus</i> (all subspecies with the exception of <i>A.b. caarna</i> )	Red hartebeest
2. <i>Bos frontalis</i>	Gaur
3. <i>Castor species</i> (all species)	Beaver
4. <i>Erinaceus europaeus</i>	European hedgehog
5. <i>Giraffa camelopardalis</i> (all subspecies excluding <i>capensis</i> )	Giraffe
6. <i>Herpestes javanicus</i>	Small Indian mongoose
7. <i>Hippotragus niger varianii</i>	Giant sable
8. <i>Kobus kob</i>	Kob
9. <i>Kobus megaceros</i>	Nile lechwe
10. <i>Macaca fascicularis</i>	Crab-eating macaque
11. <i>Mustela ermine</i>	Short-tailed weasel / Stoat
12. <i>Oryx beisa</i>	Beisa oryx
13. <i>Rattus exulans</i> on off-shore islands	Pacific/Polynesian rat
14. <i>Redunca redunca</i>	Bohor reedbuck
15. <i>Suncus murinus</i>	Asian/Indian musk shrew
16. <i>Trichosurus vulpecula</i>	Brush-tail possum
17. <i>Vulpes vulpes</i>	Red fox
18. <i>Herpestes auropunctatus</i>	Kleiner Mungo, Small Indian mongoose

Scientific name	Common name
<b>PROHIBITED BIRDS</b>	
1. <i>Acridotheres cristatellus</i>	Crested myna
2. <i>Acridotheres fuscus</i>	Jungle myna
3. <i>Alectoris rufa</i>	Red-legged partridge
4. <i>Callipepla californica</i>	California quail
5. <i>Callipepla gambelii</i>	Gambel's quail
6. <i>Callipepla squamata</i>	Scaled quail
7. <i>Carduelis carduelis</i>	European goldfinch
8. <i>Carduelis chloris</i>	European greenfinch
9. <i>Carduelis flammea</i>	Common redpoll
10. <i>Carpodacus mexicanus</i>	House finch
11. <i>Colinus cristatus</i>	Crested quail
12. <i>Colinus virginianus</i>	Northern bobwhite
13. <i>Columba palumbus</i>	Common wood-pigeon
14. <i>Corvus brachyrhynchos</i>	American crow
15. <i>Corvus frugilegus</i>	Rook
16. <i>Corvus monedula</i>	Eurasian jackdaw
17. <i>Emberiza citrinella</i>	Yellowhammer
18. <i>Foudia madagascariensis</i>	Madagascar Red fody
19. <i>Francoelinus pondicerianus</i>	Grey francolin
20. <i>Icterus pectoralis</i>	Spot-breasted oriole
21. <i>Lonchura malacca</i>	Indian Black-headed manikin
22. <i>Lonchura punctulata</i>	Scaly-breasted munia
23. <i>Molothrus ater</i>	Brown-headed cowbird
24. <i>Molothrus bonariensis</i>	Shiny cowbird
25. <i>Oreortyx pictus</i>	Mountain quail
26. <i>Oxyura jamaicensis</i>	Northern ruddy duck
27. <i>Oxyura leucocephala</i>	White-headed duck
28. <i>Passer hispaniolensis</i>	Spanish sparrow
29. <i>Passer montanus</i>	Eurasian tree sparrow
30. <i>Perdix perdix</i>	Grey partridge

Scientific name	Common name
31. <i>Phasianus colchicus</i>	Ring-necked pheasant
32. <i>Pycnonotus cafer</i>	Red-vented bulbul
33. <i>Pycnonotus jocosus</i>	Red-whiskered bulbul
34. <i>Sicalis flaveola</i>	Saffron finch
35. <i>Streptopelia picturata</i>	Madagascar turtle-dove
36. <i>Struthio camelus molybdophanes</i>	North African ostrich
37. <i>Turdus philomelos</i>	Song thrush
38. <i>Turdus merula</i>	Blackbird
39. <i>Zenaidra asiatica</i>	White-winged dove

Scientific name	Common name
<b>PROHIBITED REPTILES</b>	
1. <i>Agama agama</i> (including <i>Agama Africana</i> , <i>Agama lebretoni</i> , <i>Agama paragama</i> , <i>Agama paraficana</i> , <i>Agama wagneri</i> and <i>Agama tassiliensis</i> )	Common agama
2. <i>Anolis distichus</i>	Bark anole
3. <i>Anolis sagrei</i>	Brown anole
4. <i>Basiliscus vittatus</i>	Basilisk
5. <i>Boiga irregularis</i>	Brown tree snake
6. <i>Centrochelys sulcata</i>	Spur-thighed tortoise
7. <i>Chelydra serpentina</i>	Common snapping turtle
8. <i>Hemidactylus frenatus</i>	House gecko
9. <i>Hemidactylus garnotii</i>	Indo-Pacific gecko
10. <i>Hemidactylus turcicus</i>	Mediterranean gecko
11. <i>Leiocephalus carinatus</i>	Northern curlytail lizard
12. <i>Macrochelys temminckii</i>	Alligator snapper turtle
13. <i>Podarcis species</i>	True and Italian wall lizards
14. <i>Tarentola mauritanica</i>	Moorish wall gecko

Scientific name	Common name
<b>PROHIBITED AMPHIBIANS</b>	
1. <i>Ambystoma tigrinum</i>	Tiger salamander
2. <i>Bufo bufo</i>	European toad
3. <i>Eleutherodactylus coqui</i>	Puerto Rican coqui
4. <i>Eleutherodactylus planirostris</i>	Greenhouse frog
5. <i>Lithobates catesbeianus</i>	American bull frog
6. <i>Litoria caerulea</i>	Great green tree-frog
7. <i>Notophthalmus viridescens</i>	Red-spotted newt
8. <i>Osteopilus septentrionalis</i>	Cuban tree-frog
9. <i>Rhinella marina</i>	Cane / Marine toad
10. All other Amphibia not indigenous to South Africa	All other non-indigenous amphibians

No	Scientific Name	Common name
<b>PROHIBITED FRESHWATER FISH</b>		
1.	<i>Abramis species</i>	Bream
2.	<i>Acantharchus species</i>	Mud sunfish
3.	<i>Acheilognathus species</i>	Bitterling
4.	<i>Acipenser species</i>	Sturgeon
5.	<i>Ameiurus species</i>	Bullheads
6.	<i>Amia calva</i>	Bowfin/Mudfish/Dogfish
7.	<i>Amphilius species</i>	Golden African kuhli
8.	<i>Anabas species</i>	Climbing perch/Climbing fish
9.	<i>Anguilla species</i> (except those that are indigenous to South Africa)	Eels
10.	<i>Aphanius species</i>	Minnow
11.	<i>Aplocheilichthys species</i> (except those that are indigenous to South Africa)	Killifish
12.	<i>Arapaima gigas</i>	Arapaima
13.	<i>Bagrus species</i>	Catfish
14.	<i>Barilius species</i> (except those that are indigenous to South Africa)	Barbs
15.	<i>Bathyclarias species</i>	Catfish
16.	<i>Centrarchus species</i>	Sunfish

No	Scientific Name	Common name
17.	<i>Chaca chaca</i>	Frogmouth catfish
18.	<i>Channa species</i>	Snakeheads
19.	<i>Chela species</i>	Minnows
20.	<i>Chetia species</i> (except those that are indigenous to South Africa)	Kurpers
21.	<i>Chiloglanis species</i> (except those that are indigenous to South Africa)	Suckermouth catfishes
22.	<i>Chologaster cornutus</i>	Cavefish
23.	<i>Chondrostoma species</i>	Nasling
24.	<i>Chnysichthys species</i>	Catfish
25.	<i>Cichla species</i>	Peacock cichlid
26.	<i>Colossoma species</i>	Pacu
27.	<i>Coregonus species</i>	Ciscos
28.	<i>Cottus species</i>	Sculpins
29.	<i>Croilia species</i>	Burrowing goby
30.	<i>Cyprinodon species</i>	Pupfish
31.	<i>Docimodus species</i>	Catfish
32.	<i>Elassoma species</i>	Pygmy sunfishes
33.	<i>Electrophorus electricus</i>	Electric eel
34.	<i>Engraulicypris species</i>	Lake sardines
35.	<i>Erneacanthus species</i>	
36.	<i>Esox species</i>	Pike
37.	<i>Eutropius species</i>	Cichlid
38.	<i>Fundulus species</i>	
39.	<i>Galaxias species</i> (except those that are indigenous to South Africa)	Galaxias
40.	<i>Gambusia species</i> (except <i>Gambusia affinis</i> already listed under 1b)	Mosquito-fish
41.	<i>Gasterosteus species</i>	
42.	<i>Gephyroglanis species</i>	
43.	<i>Glossogobius species</i> (except those that are indigenous to South Africa)	
44.	<i>Gobio species</i>	
45.	<i>Gymnallabes species</i>	
46.	<i>Heterobranchius species</i>	Vundu
47.	<i>Hucho hucho</i>	Huchen
48.	<i>Huso huso</i>	Beluga sturgeon
49.	<i>Hydrocynus species</i> (except <i>Hydrocynus vittatus</i> which is indigenous to South Africa)	African tiger fish

No	Scientific Name	Common name
50.	<i>Ictalurus</i> species	Catfish
51.	<i>Idus idus</i>	Silver/Golden orf
52.	<i>Jordanella floridae</i>	American flagfish
53.	<i>Lampetra</i> species	
54.	<i>Lates</i> species (except <i>Lates calcarifer</i> )	Perch and barramundi
55.	<i>Lepomis</i> species (except <i>Lepomis macrochirus</i> listed as 1b)	Sunfishes
56.	<i>Leptoglanis</i> species (except those that are indigenous to South Africa)	Catfishes
57.	<i>Leuciscus</i> species	
58.	<i>Liposarcus</i> species	Plecostomus
59.	<i>Lota lota</i>	Burbot
60.	<i>Luciosoma setigerum</i>	Apollo shark
61.	<i>Malapterurus</i> species (except those that are indigenous to South Africa)	
62.	<i>Marcusenius</i> species (except those that are indigenous to South Africa)	
63.	<i>Mesobola</i> species (except those that are indigenous to South Africa)	
64.	<i>Micropterus</i> species (except the species listed as restricted invasive species)	Bass
65.	<i>Misgurnus</i> species	Weather fish
66.	<i>Myleus</i> species	Brown metynnis
67.	<i>Neochanna</i> species	Mudfish
68.	<i>Neomacheilus</i> species	Loaches
69.	<i>Notemigonus crysoleucas</i>	Golden shiner
70.	<i>Notropis</i> species	Shiner
71.	<i>Oncorhynchus</i> species (excluding rainbow trout)	Trout / Salmon
72.	<i>Ophicephalus</i> species	Snakehead
73.	<i>Opsaridium</i> species (except those that are indigenous to South Africa)	Bairilius
74.	<i>Oreochromis</i> species (excluding species already in South Africa and species indigenous to South Africa)	Tilapias
75.	<i>Oryzias</i> species	Rice fish/Geisha gill/Golden mede
76.	<i>Osmerus eperlanus</i>	Smelt
77.	<i>Paragalaxias</i> species	Paragalaxias
78.	<i>Perca</i> species	Perch
79.	<i>Percina</i> species	Percina darters
80.	<i>Petrocephalus</i> species	Mormyrid
81.	<i>Petromyzon marinus</i>	Lamprey

No	Scientific Name	Common name
82.	<i>Phoxinus species</i>	Minnow
83.	<i>Plecostomus species</i>	Plecostomus
84.	<i>Pogonopoma species</i>	Catfish
85.	<i>Pomoxis species</i>	
86.	<i>Protopterus species</i>	Lung fish
87.	<i>Pseudocrenilabrus species</i>	
88.	<i>Pseudorasbora species</i>	Whiptail sturgeon
89.	<i>Pseudorinelepis species</i>	Catfish
90.	<i>Pterygoplichthys species</i> (except <i>P. disjunctivus</i> listed under 1b)	Plecos
91.	<i>Pungitius species</i>	Stickleback
92.	<i>Pygocentrus species</i>	Piranha
93.	<i>Pygosteus species</i>	Stickleback
94.	<i>Rhinelepis species</i>	Catfish
95.	<i>Rhamdia species</i>	
96.	<i>Rhinichthys atratulus atratulus</i>	Black-nose dance
97.	<i>Rhinichthys atratulus obtusus</i>	
98.	<i>Rhodeus species</i>	
99.	<i>Rooseveltiella species</i>	Piranha
100.	<i>Rutilus species</i>	Roach
101.	<i>Salmo species</i> (except brown trout and Atlantic salmon)	Trout and salmon
102.	<i>Salvelinus species</i>	Char
103.	<i>Sargochromis species</i> (except those that are indigenous to South Africa)	Cichlid
104.	<i>Sarotherodon species</i>	Tilapia
105.	<i>Schilbe species</i> (except those that are indigenous to South Africa)	
106.	<i>Serrasalminus species</i>	Piranha
107.	<i>Silurus glanis</i>	European/Wels/Waller catfish
108.	<i>Thymallus thymallus</i>	Grayling
109.	<i>Tilapia species</i> excluding <i>Tilapia rendalli</i> & <i>Tilapia sparrmanii</i> (regulated by area) and <i>Tilapia bakossiorum</i> & <i>Tilapia snyderae</i> (exempted)	Tilapias
110.	<i>Clarias batrachus</i>	Clarias catfish, Climbing perch, Walking catfish



No	Scientific Name	Common name
<b>PROHIBITED MARINE FISH SPECIES</b>		
1.	<i>Scorpaenidae</i> species	Lion-fishes
No	Scientific Name	Common name
<b>PROHIBITED INVERTEBRATES (MARINE SPECIES)</b>		
2.	<i>Asterias amurensis</i>	Pacific seastar
3.	<i>Eriocheir sinensis</i>	Asian mitten crab
4.	<i>Venerupis philippinarum</i>	Manila clam
No	Scientific Name	Common Name
<b>PROHIBITED INVERTEBRATES (FRESH-WATER)</b>		
1.	<i>Dreissena polymorpha</i>	Zebra mussel, Eurasian zebra mussel
2.	<i>Orconectes limosus</i>	North American Spiny Cheek Crayfish
3.	<i>Orconectes rusticus</i>	Rusty Crayfish
4.	<i>Pacifastacus leniusculus</i>	North American Signal Crayfish
5.	<i>Potamocorbula amurensis</i>	Amur river clam, Asian bivalve, Asian clam
6.	<i>Procambarus clarkii</i>	Red Swamp Crayfish
No	Scientific Name	Common Name
<b>PROHIBITED INVERTEBRATES (TERRESTRIAL)</b>		
<b>Prohibited Mollusca (Snails and Molluscs)</b>		
1	<i>Achatina fulica</i> Bowdich, 1822	Giant African snail
2	<i>Euglandina rosea</i> (Férussac, 1821)	Rosy wolf snail
<b>Prohibited Nematoda (Nematodes)</b>		
3	<i>Aphelenchoides fragariae</i> (Ritzema Bos, 1890) Christie, 1932	Strawberry crimp disease nematode
4	<i>Belonolaimus longicaudatus</i> Rau, 1958	
5	<i>Bursaphelenchus xylophilus</i> (Steiner & Bühner, 1934) Nickel, 1970	Pine wilt or Pine wood nematode
6	<i>Globodera pallida</i> (Stone, 1973) Behrens, 1975	Pale cyst nematode, Potato cyst nematode
7	<i>Heterodera glycines</i> Ichinohe, 1952	Soybean cyst nematode
8	<i>Heterodera goettingiana</i> Liebscher, 1892	Pea cyst nematode
9	<i>Longidorus attenuatus</i> Hooper, 1961	Tomato docking disorder nematode

No	Scientific Name	Common Name
10	<i>Longidorus elongatus</i> (De Man, 1876) Micoletzky, 1922	Sugar beet docking disorder nematode
11	<i>Paratrichodoros nanus</i> (Allen, 1957) Siddiqi, 1974	
12	<i>Paratrichodoros pachydermus</i> (Seinhorst, 1954) Siddiqi, 1974	
13	<i>Paratrichodoros tunisiensis</i> (Siddiqi, 1963) Siddiqi, 1974	
14	<i>Paratylenchus bukowinensis</i> Micoletzky, 1922	
15	<i>Rhadinaphelenchus cocophilus</i> (Cobb, 1919) J.B. Goodey, 1960	Red ring disease nematode
16	<i>Scutellonema bradys</i> (Steiner & Lehew, 1933) Andrassy, 1958	Yam nematode
17	<i>Trichodoros primitivus</i> (De Man, 1880) Micoletzky, 1922	
18	<i>Trichodoros similis</i> Steinhorst, 1963	
19	<i>Trichodoros viruliferus</i> Hooper, 1963	
<b>Prohibited Insecta (Insects)</b>		
20	<i>Aleurodicus destructor</i>	Aleyrodidae
21	<i>Aleurodicus dispersus</i>	Aleyrodidae
22	<i>Amblypelta lutescens</i>	Coccidae
23	<i>Anastrepha ludens</i>	Tephritidae
24	<i>Anastrepha obliqua</i>	Tephritidae
25	<i>Anastrepha pseudoparallela</i>	Tephritidae
26	<i>Anastrepha serpentina</i>	Tephritidae
27	<i>Anastrepha striata</i>	Tephritidae
28	<i>Anastrepha suspensa</i>	Tephritidae
29	<i>Anoplolepis gracilipes</i>	Crazy ant
30	<i>Anoplophora glabripennis</i>	Asian long-horned beetle
31	<i>Archips argyrospilus</i>	Tortricidae
32	<i>Argyrotaenia citrana</i>	Tortricidae
33	<i>Aulacaspis yasumatsui</i>	Asian cycad scale
34	<i>Bactrocera zonata</i>	Tephritidae
35	<i>Bactrocera aquilonis</i>	Tephritidae
36	<i>Bactrocera carambolae</i>	Tephritidae
37	<i>Bactrocera caryeae</i>	Tephritidae
38	<i>Bactrocera correcta</i>	Tephritidae
39	<i>Bactrocera cucurbitae</i>	Tephritidae
40	<i>Bactrocera dorsalis</i>	Tephritidae

No	Scientific Name	Common Name
41	<i>Bactrocera facialis</i>	Tephritidae
42	<i>Bactrocera frauenfeldi</i>	Tephritidae
43	<i>Bactrocera jarvisi</i>	Tephritidae
44	<i>Bactrocera kandiensis</i>	Tephritidae
45	<i>Bactrocera kirki</i>	Tephritidae
46	<i>Bactrocera latifrons</i>	Tephritidae
47	<i>Bactrocera melanotus</i>	Tephritidae
48	<i>Bactrocera musae</i>	Tephritidae
49	<i>Bactrocera neohumeralis</i>	Tephritidae
50	<i>Bactrocera occipitalis</i>	Tephritidae
51	<i>Bactrocera papayae</i>	Tephritidae
52	<i>Bactrocera passiflorae</i>	Tephritidae
53	<i>Bactrocera philippinensis</i>	Tephritidae
54	<i>Bactrocera psidii</i>	Tephritidae
55	<i>Bactrocera pyriformis</i>	Tephritidae
56	<i>Bactrocera tryoni</i>	Tephritidae
57	<i>Bactrocera xanthodes</i>	Tephritidae
58	<i>Castnia licoides</i>	Castniidae
59	<i>Castnia penelope</i>	Castniidae
60	<i>Ceroplastes floridensis</i>	Coccidae
61	<i>Chloropulvinaria polygonota</i>	Coccidae
62	<i>Choristoneura rosaceana</i>	Tortricidae
63	<i>Chrysodeixis eriosoma</i>	Noctuidae
64	<i>Cnephasia jactatana</i>	Tortricidae
65	<i>Colaspis hypochlora</i>	Chrysomelidae
66	<i>Conogethes punctiferalis</i>	Pyralidae
67	<i>Conopomorpha litchiella</i>	Gracillariidae
68	<i>Coptotermes formosanus shiraki</i>	Formosan subterranean termite
69	<i>Cryptophlebia illepidata</i>	Tortricidae
70	<i>Cryptophlebia ombrodelta</i>	Tortricidae
71	<i>Ctenopseustis obliquana</i>	Tortricidae
72	<i>Dudua aprobola</i>	Tortricidae

No	Scientific Name	Common Name
73	<i>Dysmicoccus neobrevipes</i>	Pseudococcidae
74	<i>Epiphyas postvittana</i>	Tortricidae
75	<i>Eriopota thrax</i>	Hesperiidae
76	<i>Holopothrips ananasi</i>	Thripidae
77	<i>Hyphantria cunea</i>	Fall webworm
78	<i>Lachnopus</i> sp. near <i>campechianus</i>	Curculionidae
79	<i>Lobesia aeolopa</i>	Tortricidae
80	<i>Lymantria dispar</i>	Asian gypsy moth
81	<i>Maconellicoccus hirsutus</i>	Pseudococcidae
82	<i>Metamasius callizona</i>	Curculionidae
83	<i>Nacoleia octasema</i>	Pyralidae
84	<i>Neodecadarchis flavistriata</i>	Tineidae
85	<i>Odoiporus longicollis</i>	Curculionidae
86	<i>Oryctes rhinoceros</i>	Asiatic rhinoceros beetle
87	<i>Paratachardina pseudolobata</i>	Lobate lac scale
88	<i>Planococcoides njalensis</i>	Pseudococcidae
89	<i>Planococcus litchi</i>	Pseudococcidae
90	<i>Planococcus minor</i>	Pseudococcidae
91	<i>Planortix excessana</i>	Tortricidae
92	<i>Platynota stultana</i>	Tortricidae
93	<i>Proeulia auraria</i>	Tortricidae
94	<i>Proeulia chrysopteris</i>	Tortricidae
95	<i>Pseudococcus comstocki</i>	Pseudococcidae
96	<i>Pseudococcus cryptus</i>	Pseudococcidae
97	<i>Pseudococcus elisae</i>	Pseudococcidae
98	<i>Pseudococcus jackbeardsleyi</i>	Pseudococcidae
99	<i>Rastrococcus iceryoides</i>	Pseudococcidae
100	<i>Rastrococcus invadens</i>	Pseudococcidae
101	<i>Rastrococcus mangiferae</i>	Pseudococcidae
102	<i>Rastrococcus spinosus</i>	Pseudococcidae
103	<i>Rhipiphorothrips cruentatus</i>	Thripidae
104	<i>Solenopsis invicta</i>	Red imported fire ant (RIFA)

No	Scientific Name	Common Name
105	<i>Spodoptera litura</i>	Noctuidae
106	<i>Sternochetus frigidus</i>	Curculionidae
107	<i>Thecla basilides</i>	Lycaenidae
108	<i>Thecla legota</i>	Lycaenidae
109	<i>Thrips hawaiiensis</i>	Thripidae
110	<i>Thrips palmi</i>	Thripidae
111	<i>Tmolus echion</i>	Lycaenidae
112	<i>Toxotrypana curvicauda</i>	Aleyrodidae
113	<i>Unaspis citri</i>	Diaspididae
114	<i>Vespa velutina</i>	Asian predatory wasp
115	<i>Vespula vulgaris</i>	Common wasp, Common yellowjacket
116	<i>Vinsonia stelfifera</i>	Coccidae
117	<i>Wasmannia auropunctata</i>	Cocoa tree-ant, Little red fire ant
118	<i>Xylosandrus compactus</i>	Ambrosia beetle
119	<i>Xylosandrus multilatus</i>	Camphor shoot beetle
120	All Formicidae, Tephritidae, Apis and Vespula species not in the country, unless for biological control purposes	All ant, fruit-fly, bee, and wasp species not listed, and not in the country, unless for biological control purposes
121	All sub-species of <i>Apis mellifera</i> other than <i>A m scutellata</i> and <i>A m capensis</i>	All sub-species of the African bee and Cape bee
<b>Prohibited Acari (Mites)</b>		
122	<i>Calacarus brionesae</i>	Eriophyidae
123	<i>Cisaberoptus kenyaee</i>	Eriophyidae
124	<i>Oligonychus biharensis</i>	Tetranychidae
125	<i>Oligonychus puniceae</i>	Tetranychidae
126	<i>Oligonychus yothersi</i>	Tetranychidae
127	<i>Tetranychus desertorum</i>	Tetranychidae
128	<i>Tetranychus mexicanus</i>	Tetranychidae
129	<i>Tetranychus piercei</i>	Tetranychidae
130	<i>Tuckerella pavoniformis</i>	Tuckerellidae
131	<i>Any species of the genera Varroa, Euvarroa or Tropilaelaps</i>	
<b>Prohibited Arachnida (Spiders)</b>		
132	<i>Acanthoscurria geniculata</i>	Theraphosidae Brazilian white knee tarantula
133	<i>Avicularia avicularia</i>	Theraphosidae Pink toe tarantula

No	Scientific Name	Common Name
134	<i>Brachypelma albopilosum</i>	Theraphosidae Curly hair tarantula
135	<i>Brachypelma smithi</i>	Theraphosidae Mexican red knee tarantula
136	<i>Brachypelma vagans</i>	Theraphosidae Red rump tarantula
137	<i>Grammostola rosea</i>	Theraphosidae Chilean rose tarantula
138	<i>Haplopelma lividum</i>	Theraphosidae Cobalt blue tarantula
139	<i>Lasiodora parahybana</i>	Theraphosidae Brazilian salmon pink tarantula
140	<i>Poecilotheria regalis</i>	Theraphosidae Indian ornamental tarantula
141	<i>Psalmopoeus cambridgei</i>	Theraphosidae Trinidad chevron tarantula
142	<i>Theraphosa blondi</i>	Theraphosidae Goliath bird eating tarantula
143	<i>Platydemus manokwari</i>	Flatworm (Turbellaria)

**Prohibited Other Invertebrate Species**

No	Scientific Name	Common name
<b>PROHIBITED MICROBES</b>		
1.	<i>Banana bunchy top virus (BBTV)</i>	Banana bunchy top pathogen, Bunchy top virus
2.	<i>Fusarium oxysporum f.sp. cubense</i>	Panama wilt disease
3.	<i>Phytophthora ramorum</i>	Sudden oak death pathogen
4.	<i>Plasmodium relictum</i>	Avian malaria pathogen
5.	<i>Puccinia psidii</i> genotypes introduced by plants in the family Myrtaceae	Myrtaceae Rust
6.	<i>Nosema ceranae</i>	Kiss-of-death bacteria
7.	<i>Paenibacillus larvae</i>	American foulbrood bacteria

**NOTICE 79 OF 2014****DEPARTMENT OF ENVIRONMENTAL AFFAIRS****NATIONAL ENVIRONMENTAL MANAGEMENT: BIODIVERSITY ACT 2004 (ACT NO, 10 OF 2004)  
DRAFT ALIEN AND INVASIVE SPECIES REGULATIONS, 2014**

I, Bomo Edith Edna Molewa, Minister of Water and Environmental Affairs, hereby publish for public comments, the draft Alien and Invasive Species Regulations published in terms of Section 97(1) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004) as set out in the schedule hereto.

Any person who wishes to submit representations or comments in connection with the draft Regulations is invited to do so within thirty (30) days after the publication of the notice in the *Gazette* and by no later than 16h00 on the last day of comments. Comments received after this time may not be considered. All representations and comments must be submitted in writing to the Deputy Director-General of the Department of Environmental Affairs, Branch Environmental Programmes.

**Hand-deliver to:**      **The Deputy Director-General  
Environmental Affairs  
Environmental Programmes  
Attention: Dr Guy Preston  
14 Loop Street, Cape Town**

**By post to:**            **The Deputy Director-General  
Environmental Affairs  
Environmental Programmes  
Attention: Dr Guy Preston  
Private Bag X4390.  
Cape Town  
8001**

**By e-mail to:**        **[NSishuba@environment.gov.za](mailto:NSishuba@environment.gov.za)**

**Enquiries:**            **Ms Nomahlubi Sishuba at 021 441 2700**



**MRS B E E MOLEWA, MP  
MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS**

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**CHAPTER 1**  
**INTERPRETATION**

**1. Definitions**

In these Regulations any word or expression to which a meaning has been assigned in the Act shall have the meaning so assigned and, unless the contents otherwise indicates-

**"biological control"** means the use of specimens of one species for the purpose of preying on, parasitizing on, damaging, killing, suppressing or controlling a specimen of another species,

**"botanical institution"** means an establishment where plants are grown for scientific study and display to the public;

**"Catch and release of a fresh-water animal"** means the catching and release of a live fresh-water animal in the same area in which it was caught;

**"Category 1a Listed Invasive Species"** means invasive species contemplated in Regulation 2;

**"Category 1b Listed Invasive Species"** means invasive species contemplated in Regulation 3;

**"Category 2 Listed Invasive Species"** means invasive species contemplated in Regulation 4;

**"Category 3 Listed Invasive Species"** means invasive species contemplated in Regulation 5;

**"contained"** means actions implemented to prevent the increase in the geographical area and density of the listed invasive species;

**"fish sanctuary areas"** means the fish sanctuary areas demarcated in the National Freshwater Ecosystem Priority Area maps for critically endangered and endangered species published by the Water Research Commission in Report TT500/11 as amended from time to time;

**"inter-basin transfer scheme"** means a man-made conveyance scheme which moves water from one river catchment where it is available, to another catchment where water is less available;

**"invasion"** means the establishment and subsequent spread of a species outside its natural distribution range in a manner or to the extent that it constitutes a threat to biodiversity, ecosystems, habitats, other species, the economy, the environment or human health or well-being;

**"Invasive Species Management Programme"** means a programme contemplated in regulation 7 for the control of a specimen of a Category 1b Listed Invasive Species;

**"Invasive Species Monitoring, Control and Eradication Plan"** means a plan contemplated in section 76 of the Act and regulation 8;

**"Off-shore island"** means the Prince Edward Islands referred to in the Prince Edward Islands Act, 1948 (Act No. 43 of 1948), or any other off-shore island in South Africa's exclusive economic zone;

**"pathway"** means the route by which a specimen of an alien or listed invasive species is transported, introduced into, dispersed or spread within the Republic, whether by natural, unnatural, deliberate or inadvertent means or acts of omissions;

**"prohibited alien species"** means an alien species listed by notice by the Minister, in respect of which a permit may not be issued as contemplated in section 67(1) of the Act;

**"Riparian area"** means within 30 metres of the 1:50 year floodline of a water-course, wetland or estuary.

“**risk assessment**” means a scientific evaluation of the threat or potential threat to ecosystems, habitats, other species, the economy, the environment or human health or well-being posed by a restricted activity involving a specimen of an alien or listed invasive species in terms of Chapter 6 of these Regulations;

“**scientific institution**” means—

- (a) an organ of state that is involved in research;
- (b) a registered research unit of a tertiary institution;
- (c) a museum or herbarium;

“**vector**” means any object by, with or on which a specimen of an alien or listed invasive species is inadvertently or deliberately transported, dispersed or spread; and

“**zoological institution**” means a facility in which animals are confined within enclosures, displayed to the public, and in which they may also be bred.

## **CHAPTER 2** **CATEGORIES OF LISTED INVASIVE SPECIES**

### **2. Category 1a Listed Invasive Species**

- (1) Category 1a Listed Invasive Species are those species listed as such by notice in terms of section 70(1)(a) of the Act as species which must be controlled.
- (2) A landowner upon whose land a Category 1a Listed Invasive Species occurs and which species is under the landowner’s control must—
  - (a) comply with the provisions of section 73(2) of the Act;
  - (b) immediately take steps to control, and maintain the control of, the listed invasive species in compliance with section 75 (1), (2) and (3) of the Act; and
  - (c) allow an authorised official from the Department to enter onto the land to monitor, assist with or implement the control of the listed invasive species.

### **3. Category 1b Listed Invasive Species**

- (1) Category 1b Listed Invasive Species are those species listed as such by notice in terms of section 70(1)(a) of the Act as species which must be contained.
- (2) A landowner upon whose land a Category 1b Listed Invasive Species occurs and which species is under the landowner’s control must—
  - (a) comply with the provisions of section 73(2) of the Act; and
  - (b) contain the listed invasive species in compliance with section 75 (1), (2) and (3) of the Act;
- (3) If an Invasive Species Management Programme has been developed in terms of regulation 7, a landowner must control the listed invasive species in accordance with such programme.
- (4) A landowner contemplated in sub-regulation (2) must allow an authorised official from the Department to enter onto the land to monitor, assist with or implement the containment of the listed invasive species, or compliance with the Invasive Species Management Programme contemplated in regulation 7.

### **4. Category 2 Listed Invasive Species**

- (1) Category 2 Listed Invasive Species are those species listed by notice in terms of section 70(1)(a) of the Act as species which require a permit to carry out a restricted activity within an area specified in the Notice, the Fish

Sanctuary Areas, within National Parks Provincial Reserves, Mountain Catchment areas or Forestry Reserves specified in the Protected Areas Act, or in the Permit as the case may be.

- (2) Unless otherwise indicated in the Notice, no person may carry out a restricted activity in respect of a Category 2 Listed Invasive Species without a permit.
- (3) A landowner on whose land a Category 2 Listed Invasive Species occurs must ensure that the specimens of the species do not spread outside of the land or the area specified in the permit.
- (4) Unless otherwise specified in the List, any species listed as a Category 2 Listed Invasive Species that occurs outside the specified area contemplated in subregulation (1), must, for purposes of these Regulations, be considered to be a Category 1b Listed Invasive Species and must be managed according to regulation 3.
- (5) Individual specimens of listed invasive plant species that are declared as National Heritage Trees or National Monuments, in terms of the National Heritage Act 1999, (Act No. 25 of 1999), are Category 2 specimens.

#### 5. Category 3 Listed Invasive Species

- (1) Category 3 Listed Invasive Species are species that are listed by notice in terms of section 70(1)(a) of the Act, as species which are subject to exemptions in terms of section 71(3) and prohibitions in terms of section 71A of Act, as specified in the notice.
- (2) Any plant species identified as a Category 3 Listed Invasive Species that occurs in riparian areas, must, for the purposes of these Regulations, be considered to be a Category 1b Listed Invasive Species and must be managed according to regulation 3.

### **CHAPTER 3** **RESTRICTED ACTIVITIES**

#### 6. Restricted activities

In addition to those activities defined in terms of section 1 of the Act as restricted activities, the following activities are hereby prescribed as restricted activities:

- (a) spreading or allowing the spread of any specimen of a listed invasive species;
- (b) releasing any specimen of a listed invasive species;
- (c) the transfer or introduction of specimens of alien and listed invasive fresh-water species from one discrete catchment system in which it occurs, to another discrete catchment system in which it does not occur; or, from within a part of a discrete catchment system where it does occur to another part where it does not occur as a result of a natural or artificial barrier;
- (d) release of water through an inter-basin transfer scheme, through which alien and listed invasive species may be transferred;
- (e) discharging of or disposing into any waterway or the ocean water from an aquarium, tank or other receptacle that has been used to keep a prohibited alien species or a listed invasive species;
- (f) the catch and release of fresh-water listed invasive animal species;
- (g) the introduction of any alien or listed invasive species to off-shore islands; and
- (h) the introduction of a listed invasive fish specimen, or listed fresh-water invertebrate specimen, into a river system

**CHAPTER 4**  
**NATIONAL FRAMEWORK DOCUMENTS**

**7. Invasive Species Management Programmes**

- (1) The Minister may develop Invasive Species Management Programmes for Category 1b Listed Invasive Species, and must ensure co-ordination and implementation thereof in terms of Section 75(4) of the Act, in order to assist persons to adhere to their obligations in terms of regulation 3(3)
- (2) An Invasive Species Management Programme contemplated in subregulation (1) must stipulate-
  - (a) the listed invasive species to which it relates;
  - (b) the measures to control the listed invasive species specified in paragraph (a);
  - (c) the areas in which the measures referred to in paragraph (b) are to be applied; and
  - (d) the schemes to fund the measures, if applicable.

**8. Invasive Species Monitoring, Control and Eradication Plans**

- (1) The Minister must-
  - (a) within one year of the date on which these Regulations come into effect, develop guidelines for the development of Invasive Species Monitoring, Control and Eradication Plans for listed invasive species as contemplated in section 76;
  - (b) publish the guidelines contemplated in paragraph (a) on its website; and
  - (c) review, at least every five years and, if necessary, amend the guidelines contemplated in paragraph (a).
- (2) Management authorities of protected areas and organs of state in all spheres of government must submit their Invasive Species Monitoring, Control and Eradication Plans contemplated in section 76 of the Act and based on priorities identified through the guidelines to the Minister and to the Institute within one year of the publication of the guidelines contemplated in subregulation (1).

**9. National Register of Alien and Listed Invasive Species**

- (1) The Minister must establish and maintain a national register of-
  - (a) all and listed invasive species in relation to which a permit has been issued and the conditions subject to which the permit has been issued;
  - (b) all Invasive Species Monitoring, Control and Eradication Plans submitted to the Minister in terms of regulation 8(2);
  - (c) all Invasive Species Management Programmes developed in terms of regulation 7(1); and
  - (d) all research findings and biological control being carried out relating to any aspect of the invasiveness of an alien or listed invasive species or the prevention, eradication or control of these species.
- (2) The Minister must make the national register available for publication on the Department's website.

**10. Invasive species research**

- (1) A proposal on any research and biological control relating to any aspect of the invasiveness or potential invasiveness of an alien species or a listed invasive species or the prevention, eradication or control of such invasive or potentially invasive species must be lodged with the Institute or a body designated by the Institute, by-
  - (a) any organ of state or organisation conducting or funding such research;

- (b) any person in the Republic conducting such research where the research is wholly or partially funded by an organ of state; or
  - (c) any person to whom a permit is issued in terms of section 65(1) or 71(1) of the Act to carry out restricted activities for the purpose of research involving an alien or listed invasive species.
- (2) A proposal in terms of subregulation (1) must-
- (a) be lodged prior to commencing the research;
  - (b) be lodged in writing;
  - (c) contain the following information;
    - (i) The name of the researcher, his or her institution and contact details;
    - (ii) the species, pathway or vector being researched;
    - (iii) the hypothesis being tested;
    - (iv) the source of funding for the research; and
    - (v) the anticipated period of the research.
- (3) Any information provided in terms of subregulation (2)(c)(ii)(iii) or (iv) is confidential.
- (4) A copy of any findings of research referred to in subregulation (1) must, upon completion, be lodged with the Institute.

#### 11. National Status Reports

- (1) The Institute or a body designated by the Institute must, for the purpose of reporting as contemplated in section 11(1)(a)(iii) of the Act, submit a report on the status of listed invasive species to the Minister within three years of the date on which these Regulations came into effect, and at least every three years thereafter.
- (2) A National Status Report contemplated in subregulation (1) must contain a summary and assessment of-
- (a) the status of listed invasive species and other species that have been subject to risk assessment; and
  - (b) the effectiveness of Regulations and control measures based on *inter alia* information from-
    - (i) notifications received from owners of land regarding listed invasive species occurring on that land;
    - (ii) permits issued for listed invasive species;
    - (iii) Invasive Species Monitoring, Control and Eradication Plans received from organs of state and management authorities of protected areas; and
    - (iv) emergency interventions and directives involving listed invasive species issued by the Minister.
- (3) In preparing a report contemplated in subregulation (1), the Institute must carry out the research and monitoring necessary to identify the matters contemplated in subregulation (2).

**CHAPTER 5****REGISTERS AND NOTIFICATION****12. Register of permits**

- (1) The issuing authority must-
- (a) establish and maintain a register of-
    - (i) all permits, including integrated permits, issued by that issuing authority;
    - (ii) all permits that were refused;
    - (iii) all permits issued by that issuing authority that were subsequently cancelled; and
    - (iv) all risk assessments that have been carried out in terms of sections 65(2) and 71(2) of the Act;
  - (b) record in the register contemplated in paragraph (a)-
    - (i) in the case of applications that were granted, the distinct number assigned to each permit;
    - (ii) the scientific and common name of the species for which the permit was issued, refused or cancelled;
    - (iii) whether the species was subjected to a risk assessment;
    - (iv) the restricted activity for which the permit was issued;
    - (v) any conditions under which the permit was issued;
    - (vi) the date on which the permit was issued;
    - (vii) the period of validity of the permit; and
    - (viii) the location where the restricted activity is to be carried out; and
  - (c) provide the Institute with a copy of the register.

**13. Register of notifications and directives**

- (1) A competent authority must-
- (a) establish and maintain a register of-
    - (i) All notifications received in terms of section 73(2)(a) of the Act;
    - (ii) the directives issued in terms of section 69(2) or 73(3) of the Act; and
    - (iii) all Invasive Species Monitoring, Control and Eradication Plans contemplated in regulation 8(2).
  - (b) provide the Department and the Institute with a copy of the register.

**CHAPTER 6****RISK ASSESSMENT****14. Risk Assessment Framework**

- (1) A risk assessment must consider-
- (a) information regarding the relevant species, including-

- (i) the taxonomy of the species, including its class, order, family, scientific name (if known), genus, scientific synonyms and common names of the species;
  - (ii) the originating environment of the species, including climate, extent of geographic range and trends;
  - (iii) persistence attributes of the species, including reproductive potential, mode of reproduction, dispersal mechanisms and undesirable traits;
  - (iv) invasive tendencies of the species elsewhere and taxonomic predisposition;
  - (v) the history of domestic propagation or cultivation of the species, introductions and the extent of naturalization;
  - (vi) nutritional or dietary requirements of the species and, where applicable, whether it has a specialist or generalist diet;
  - (vii) the ability of the species to create significant change in the ecosystem; and
  - (viii) the potential to hybridize with other species and to produce fertile hybrids; and
- (b) information regarding the restricted activity in respect of which the permit is sought, including-
- (i) the nature of the restricted activity;
  - (ii) the reason for the restricted activity;
  - (iii) the location where the restricted activity is to be carried out;
  - (iv) the number and, where applicable, the gender of the specimens of the species involved; and
  - (v) the intended destination of the specimens, if they are to be translocated; and
- (c) information regarding the receiving environment, including-
- (i) climate match;
  - (ii) habitat;
  - (iii) the presence of natural enemies, predators and competitors; and
  - (iv) the presence of potentially reproductive compatible species.
- (2) A risk assessment carried out in terms of subregulation (1) must identify-
- (a) the probability that the species will naturalize in the area in which the restricted activity is to be carried out or in any other area elsewhere in the Republic;
  - (b) the possible impact of the species on the biodiversity and sustainable use of natural resources of-
    - (i) the area in which the restricted activity is to be carried out; and
    - (ii) in any other area elsewhere in the Republic;
  - (c) the risks and potential impacts on biodiversity by the species to which the application relates;
  - (d) the risks of the specimen serving as a vector through which specimens of other alien species may be introduced;
  - (e) the risks of the method by which a specimen is to be introduced or the restricted activity carried out serving as a pathway through which specimens of other alien species may be introduced; and



- (f) any measures proposed in order to manage the risks.
- (3) Based on the information in subregulations (1) and 2), a risk assessment must consider-
    - (a) the likelihood of the risks being realized;
    - (b) the severity of the risks and consequences of the realization of the risks for other species, habitats and ecosystems;
    - (c) the potential costs associated with the control of the species to minimize harm to biodiversity;
    - (d) options for minimizing the potential risks; and
    - (e) management of the potential risks.
  - (4) Notwithstanding the provisions of subregulation (2), an assessment of the risks and potential impacts on biodiversity of the importation into the Republic or the introduction into a province of a specimen of an alien species or listed invasive species introduced into the Republic more than five years prior to the date upon which these Regulations come into effect, need only consider the matters contemplated in subregulations (2)(d), (e) and (f) and (3).
  - (5) Notwithstanding the provisions of subregulation (1), (2) and (3), the issuing authority can determine the information to be considered in the risk assessment
  - (6) Notwithstanding the provisions of subregulation (1), (2) and (3), issuing authority the can request the applicant to provide additional information.

#### 15. Risk assessment facilitator

- (1) A risk assessment contemplated in sections 65(2) and 71(1) of the Act must be undertaken by an environmental assessment practitioner.
- (2) Notwithstanding subregulation (1), the Institute or the issuing authority may undertake the risk assessment.
- (3) An environmental assessment practitioner contemplated in subregulation (1) must-
  - (a) be independent;
  - (b) have knowledge of the Act, these Regulations and any guidelines that have relevance to the proposed application;
  - (c) have expertise in biodiversity matters;
  - (d) have expertise in conducting risk assessments;
  - (e) consult at least one relevant expert; and
  - (f) comply with the provisions of the Natural Scientific Professions Act, 2003 (Act No. 27 of 2003).
- (4) The applicant must take all reasonable steps to verify whether the environmental assessment practitioner complies with subregulation (3).

#### 16. Risk assessment procedure

- (1) A risk assessment must be undertaken in accordance with the provisions of regulation 14.
- (2) The applicant must provide the person undertaking the assessment of risks with access to all information at the disposal of the applicant regarding the application, whether or not such information is favourable to the applicant
- (3) The risk assessment report must be submitted, with the application, to the issuing authority.

**17. Risk Assessment Report**

- (1) A risk assessment report must contain the following details:
  - (a) The personal details and qualifications of the risk assessment practitioner carrying out the risk assessment;
  - (b) the personal details and qualifications of the expert consulted as required in regulation 15(3)(d);
  - (c) the risk of invasion as a result of the issuing of the permit;
  - (d) key economic, social and ecological considerations that will guide a decision on whether to issue a permit;
  - (e) any risk management measures that must be applied;
  - (f) a recommendation on whether or not a permit should be issued; and
  - (g) any conditions or control measures that should apply if a permit is to be issued.
- (2) A risk assessment report prepared in terms of subregulation (1) may be submitted by the issuing authority to the Institute for scientific review.
- (3) The applicant will be responsible for the cost associated with the review.

**18. Alien species with invasive potential**

- (1) The Institute or the issuing authority may from time to time identify any alien species that is already in the Republic and that has or may become invasive.
- (2) The institute must subject the species identified in terms of subregulation (1) to an initial risk assessment
- (3) The initial risk assessment contemplated in subregulation (2) must determine whether that species has-
  - (a) a known tendency to invade in other parts of the world with similar geophysical conditions to parts of the Republic;
  - (b) a scientific record of invasive tendencies in the Republic; or
  - (c) any other property that may make the species invasive.
- (4) Should the initial risk assessment indicate that the species has invasive potential, the Institute must undertake a comprehensive assessment to determine whether the species should be listed as a prohibited alien or listed invasive species in terms of the Act, and advise the Minister accordingly.

**CHAPTER 7**  
**ISSUING, AMENDMENT AND CANCELLATION OF PERMITS**

**19. Nature of a permit**

- (1) A permit to authorize the carrying out of restricted activities, may be issued for-
  - (a) multiple restricted activities;
  - (b) multiple specimens of a species;
  - (c) multiple species; or
  - (d) multiple instances of the same restricted activity.

- (2) Notwithstanding the provision of subregulation (1)(d), a permit for the import into the Republic, including introduction from the sea, of an alien or listed invasive species is valid for one consignment unless otherwise specified in the permit.

## 20. Form and content of application for permit

- (1) An application for a permit contemplated in section 65(1) or 71(1) of the Act must be made on a form that corresponds substantially with Annexure C.
- (2) An application referred to in subregulation (1) must-
- (a) be submitted by the person to whom the permit must be issued or by such person's duly authorized representative;
  - (b) be accompanied by the applicable application fee specified in Annexure D;
  - (c) be accompanied by the details of the risk assessment facilitator;
  - (d) be accompanied by the risk assessment report contemplated in regulation 17;
  - (e) include any other additional information as may be required by the issuing authority; and
  - (f) be lodged-
    - (i) with the issuing authority together with such additional copies as may be required by the issuing authority;
    - (ii) in a manner as required by the issuing authority; and
    - (iii) with the original or certified documentation in support of the application, if required by the issuing authority.
- (3) Notwithstanding the provisions of subregulation (2)(b)-
- (a) payment of the applicable application fee as set out in Annexure D to these Regulations does not apply to organs of state;
  - (b) payment of the applicable application fee as set out in Annexure D to these Regulations may be waived for scientific institutions

## 21. Consideration of application

The issuing authority must, upon receipt of an application for a permit-

- (a) request, within 30 working days of receipt of the application and the risk assessment report, such further information as the issuing authority may require;
- (b) notify any province that may be adversely affected by the proposed activity, of the application;
- (c) have regard to the contents of the risk assessment report accompanying the application;
- (d) consider the application and any objections that have been lodged with regard thereto by an MEC for Environmental Affairs;
- (e) conduct such inspections as may be appropriate, and
- (f) reach a decision in accordance with regulation 22.

**22. Decision**

- (1) A decision on an application for a permit must be made within 60 working days of receiving the risk assessment report or, where further information has been requested in terms of regulation 20(2)(e) or 21(a), within 30 working days of receiving such information.
- (2) The issuing authority must-
  - (a) notify the applicant and any objectors to the application of the decision in writing; and
  - (b) if the application has been approved, issue a permit in the name of the person authorised to carry out the restricted activity.
- (3) The notification contemplated in subregulation (2)(a) must stipulate-
  - (a) the alien species or listed invasive species to which the application relates;
  - (b) whether the decision relates to a single specimen or to multiple specimens of the same alien species or listed invasive species;
  - (c) the restricted activities involving the alien species or listed invasive species to which the application relates;
- (4) A permit may not be issued with retrospective effect.

**23. Permit conditions**

- (1) In addition to any permit conditions imposed in terms of section 88(2)(c) of the Act, the following conditions apply to all permits:
  - (a) The permit may not be transferred to any other person;
  - (b) the holder of the permit must take all the necessary steps to prevent the escape and spread of the species, including the growth or spread of seeds or any other specimens of the species, outside the area for which the permit is issued, and must take all necessary steps to control any specimen that escapes or spreads.
- (2) The issuing authority may issue a permit to carry out a restricted activity involving a specimen of an alien or listed invasive species subject to conditions, including but not limited to, control methods determined by the issuing authority, including the use of sterile varieties or the concurrent introduction of biological control agents.

**24. Special provisions for research, biological control, display purposes, and inter-basin transfer**

- (1) Despite anything to the contrary in these Regulations, a permit may be issued subject to permit conditions to a scientific institution to carry out a restricted activity involving a specimen of any alien or listed invasive species, and must be issued under the following conditions-
  - (a) The specimen must-
    - (i) be kept for identification or research purposes only;
    - (ii) form part of a preliminary study into biological control methods; or
    - (ii) form part of an effective biological control programme; and
- (2) When issuing a permit for the specimens contemplated in subregulation (1)(b), the issuing authority must determine-
  - (a) restrictions and conditions, including quarantine conditions and conditions for the prevention of escape, for the importation or the carrying out of other restricted activities involving the specimen;

- (b) mechanisms for ensuring compliance with conditions determined in terms of paragraph (a);
  - (c) procedures to be followed in the event of a specimen contemplated in paragraph 1(a) escaping or failure to comply with the conditions determined in terms of paragraph 2(a); and
  - (d) restrictions and conditions for the release of the specimen into the wild.
- (3) Despite anything to the contrary in these Regulations, a permit may be issued, subject to permit conditions, to a zoological or botanical institution to carry out a restricted activity involving a specimen of any alien or listed invasive species, including for display purposes.
- (4) A permit may not be issued as contemplated in subregulation (3) unless the relevant institute is able to demonstrate that an alien or listed invasive species cannot escape from the facility.
- (5) Despite anything to the contrary in these Regulations, a permit may be issued, subject to permit conditions, for the carrying out of a restricted activity involving transfer of a specimen of any alien or listed invasive species from one fresh-water system in which it occurs to another fresh-water system in which it does not occur through a state inter-basin transfer scheme.

## 25. Form and content of permits

- (1) A permit contemplated in regulation 22(2)(b) must be in a form that corresponds substantially with Annexure E.
- (2) A permit contemplated in subregulation (1) must-
- (a) contain a sequential unique permit number;
  - (b) specify-
    - (i) the name and identity number of the permit holder;
    - (ii) the species to which the restricted activities relate;
    - (iii) the restricted activities for which the permit is issued;
    - (iv) the period for which the permit remains valid;
    - (v) the conditions subject to which the permit is issued; and
  - (c) contain the signature of the issuing authority which must be endorsed by means of an official stamp.

## 26. Period of validity of permits

- (1) A permit issued in terms of these Regulations shall be valid for a period not exceeding five years from the date of its issue or renewal thereof, as the case may be.
- (2) Notwithstanding the provisions of subregulation (1), a permit may be valid for a period exceeding the period contemplated in that subregulation, if it is issued-
- (a) for a restricted activity that will be carried out by a scientific institution; or
  - (b) in terms of an integrated permit and the other law to which the permit relates provides for a longer period.
- (3) Notwithstanding the provisions of subregulation (1), the issuing authority may specify a period of validity that exceeds the period contemplated in that subregulation, based on the recommendations in the risk assessment report.

**27. Amendment of permits**

- (1) A permit may be amended by-
  - (a) adding or removing a condition;
  - (b) amending a condition;
  - (c) amending any detail on the permit; or
  - (d) correcting a technical or editorial error on the permit.
- (2) An issuing authority which issued a permit may amend the permit condition stipulated therein if information is obtained by the issuing authority indicating that the species or the restricted activity for which the permit was issued is likely to have a detrimental impact on biodiversity.
- (3) The issuing authority must, before amending a permit, notify the permit holder in writing of its intention to do so and provide the permit holder with an opportunity to make representations as to why the permit should not be amended.
- (4) The issuing authority must, if it decides to amend the conditions of the permit, after consideration of any representations made in terms of subregulation (3), notify the permit holder in writing—
  - (a) that the conditions of the permit have been amended; and
  - (b) of the date upon which the amendment becomes effective.

**28. Return of cancelled permits**

A permit that has been cancelled in terms of section 93 of the Act must be returned to the issuing authority within 30 days of the date of cancellation.

**29. Renewal of permits**

- (1) A permit holder may apply for the renewal of a permit to the issuing authority who issued the permit
- (2) An application contemplated in subregulation (1) must be-
  - (a) made at least 60 days before the expiry of the period for which the permit was issued;
  - (b) made on a form that corresponds substantially with Annexure C; and
  - (c) accompanied by-
    - (i) a written motivation setting out the reasons for the application; and
    - (ii) the applicable renewal fee specified in Annexure D.
- (3) The provisions of regulation 23 apply *mutates mutandis* to an application for the renewal of a permit.
- (4) If a permit-holder sells a specimen of an alien or listed invasive species, or sells the property on which a specimen of an alien or listed invasive species is under the permit-holder's control, the new owner of such specimen or such property must apply for a permit in terms of Chapter 7 of the Act.
- (5) The new permit-holder contemplated in subregulation (4) will be subject to the same conditions as the permit-holder who has sold the specimen of an alien or listed invasive species, or the property on which a specimen of an alien or listed invasive species occurs, unless specific circumstances require all such permit conditions to be revised.

**CHAPTER 8****EMERGENCY SUSPENSION****30. Emergency suspension of permits**

- (1) An issuing authority may suspend the operation of a permit if-
  - (a) it is necessary in order to control or eradicate a particular alien or listed invasive species;
  - (b) the carrying out of the restricted activity permitted in terms thereof will have a significant harmful impact on the environment or ecosystems; or
  - (c) the species pose an immediate threat to the environment or ecosystems.
- (2) Notice of the suspension of a permit must be in writing and must be served on-
  - (a) the permit holder; or
  - (b) any other person acting on behalf of the permit holder.
- (3) A suspension will be effective immediately upon notification, unless otherwise stated in the notice.
- (4) An issuing authority must, within 21 days of suspending a permit, initiate proceedings in terms of regulation 27 to amend the permit in order to address the cause of the emergency.
- (5) A suspension will remain in force until the finalization of proceedings in terms of regulation 27.

**CHAPTER 9****COMPLIANCE AND ENFORCEMENT****31. Prohibited alien and listed invasive species directives**

- (1) A directive contemplated in section 69(2) or section 73(3) of the Act must be in a form that corresponds substantially with Annexure F.
- (2) A directive contemplated in subregulation (1) may be served by-
  - (a) delivering it by hand to the person or group of persons or to their authorised representative;
  - (b) in the case of a juristic person, delivering it to the registered office of the juristic person; or
  - (c) forwarding it by registered post to the person or group of persons.
- (3) A competent authority must-
  - (a) maintain a record of all directives issued;
  - (b) retain a copy of the directive issued for record purposes; and
  - (c) provide the relevant issuing authority with a copy of the directive issued.

**32. Requests for directives**

- (1) A request to issue a directive in terms of section 74(1) of the Act must be on a form that corresponds substantially with Annexure G.
- (2) A competent authority may waive any of the information required in Annexure G.

**33. Withdrawal of directives**

A directive issued under section 69(2) or section 73(3) of the Act may be withdrawn in writing by the competent authority if the circumstances giving rise to the issue of the directive no longer exist.

**34. Limitations of liability**

(1) Neither the State nor any other person is liable for any damage or loss caused by-

- (a) the exercise of any power or the performance of any duty in terms of these Regulations; or
- (b) the failure to exercise any power or perform any duty in terms of these Regulations,

unless the exercise of or failure to exercise the power, or performance or failure to perform the duty, was unlawful, negligent or in bad faith.

**35. Offences and penalties**

Sections 102 (1), (2A) and (3) of the Act applies to a contravention of these Regulations.

**CHAPTER 10**  
**TRANSITIONAL ARRANGEMENTS AND SHORT TITLE**

**36. Transitional arrangements**

Any permit issued for an alien or listed invasive fish or mammal species under a provincial ordinance shall be deemed to be a permit issued in terms of these Regulations and shall remain valid for a period of two years from the commencement of these Regulations, despite the termination date of such permit, unless revoked, cancelled or amended, within which time the permit holder must apply for a new permit in terms of these regulations.

**37. Short title and commencement**

These Regulations are called the Alien and Invasive Species Regulations, 2014 and take effect within 30 days of publication in the *Gazette*.



**ANNEXURE A**



**environmental affairs**

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

**PERMIT APPLICATION FORM**

**PLEASE READ** before completing form

1. Please attach a copy of the CURRENT permit when requesting a renewal or amendment.
2. The permit renewal process will invalidate your existing permit.
3. Permit issued in terms of Chapter 7 of the National Environmental Management: Biodiversity Act, 2004

**Purpose of application** (Please select one option only)

**I am applying for:**

- A new permit to import
- A renewal of an existing permit<sup>1</sup>
- An amendment to an existing permit (includes ALL minor amendments, e.g. importer details)

**CURRENT PERMIT NUMBER** \_\_\_\_\_

- 1 Renewal of an existing permit - if there are no changes or amendments to any section of the permit, please complete importer and payment details only.*
- 2 Amendments - if you are amending importer details please tick the (highlighted) box below. If you are amending/adding products to import, please list ONLY these items in the 'description of' section. If you are deleting items please highlight the items you would like deleted from your permit.*

**Importer Personal details** (person to whom the permit will be issued)

Name of applicant .....

Identity number .....

Physical address .....

.....

Postal address .....

Telephone Number.....  
 Fax Number.....  
 Cellular Number.....  
 E-mail address.....

**Species details**

**IMPORTANT** Please read the following instructions carefully before completing product details

**PRODUCT NAME**

State the scientific and/or common name of listed invasive species for which a permit is being applied for. Continue on a separate sheet if necessary.

**DESCRIPTION**

Describe the invasive alien species concerned (e.g. flowers, fish, etc). Describe how the species will be packaged for transport and in what state (e.g. canned, cartons, plastic wrapped, fresh/frozen). State intended quantity to be imported.

**END USE**

Restricted activity for which permit is sought, for example trading, growing, moving, etc. Also state whether it is consumer ready (i.e. packaged for direct retail sale).

**COUNTRY OF ORIGIN**

Please state the country of origin for each ingredient

Product Name	Description	End Use	Country of Origin

**Exporter details**

Name .....

Physical address.....

.....

Postal address.....

.....

Telephone Number.....

Fax Number.....

Cellular Number.....

E-mail address.....

**Payment details (Please note: this application will not be processed if payment details are unsigned)**

**Permit Fee:**

Fee is payable for new permits, amendment requests, and renewals. This fee is associated with the processing of a permit application, regardless of issue status and is payable on demand.

**My preferred payment option is:**

EFT

Direct bank deposit

Cheque

Payable to: Minister of Environmental Affairs (Please note: Permit will only be issued once the cheque has been cleared at the Bank)

Credit card

Credit Card number: Visa or MasterCard ONLY

Expiry Date

Name of cardholder:Signature:

**Importer declaration (Please note: this application will not be processed if form is submitted unsigned)**

I/We:

Declare that the information provided in this application is true and accurate to the best of my/our knowledge,

Agree to pay the permit fee, regardless of issue status, and all costs associated with the importation of the species listed on this application,

Agree to indemnify the Department against all costs, whether commission, legal fees or otherwise incurred by the Department or the Department's duly authorised agents relating to the recovery of any monies, goods or services owed by me/us to the Department,

**Signature:**

**Name:**

**Date:**

**Where to send this application (E-mail preferred)**

**Mail:** The Issuing Authority, Department of Environmental Affairs, Private Bag x 4390, Cape Town 8000

**Physical address:** 14 Loop Street, Cape Town 8000

**E-mail:**

**Fax:**

**How long it will take to process your application?**

It takes about **60 working days** to process a complete an import application once all the correct documentation is received. Failure to complete all relevant parts of this application will result in delays in processing time.

Following approval of the application, your Permit to Import will be emailed directly to you (as per the information provided under Importer Details). If you are an agent applying on behalf of a customer, please include a second email address under Importer Details.

**Checklist (please complete this section)**

- Please check that, where applicable, you have:
  - Attached an existing permit,
  - Attached the required documentation,
  - Completed and signed payment details, or attached a cheque,
  - Signed and dated the application

**ANNEXURE B****FEES****Fees in connection with the application for alien and listed invasive alien species permits in terms of the National Environmental Management: Biodiversity Act, 2004****Explanatory Note:**

*In terms of section 97(1)(f)(ii) and (xvi) of the Act the Minister may prescribe the fees to be paid in connection with the lodging and consideration of applications for permits and appeals*

	Activity	Fee
Alien & Listed Invasive Species	<b>Import into the Republic</b>	<b>R200.00</b>
	<b>All restricted activities</b>	<b>R100.00</b>
	<b>Renewal of permit</b>	<b>R50.00</b>
	<b>Appeal</b>	<b>R50.00</b>

## ANNEXURE C

### Permit

**This permit is issued in terms of Chapter 7 of the National Environmental Management: Biodiversity Act, 2004.**

Permit number: Date Issued: Valid until:

**Address of Issuing Authority:**

**Permit Holder Details:**

Name:

Address:

**Exporter/Purchaser/Seller/Trader details:**

**Premises where restricted activity will be carried out:**

Name:

Address:

Address:

**Restricted activity for which permit is issued: (Encircle relevant activity)**

Import into the Republic  
Possession  
Growing / Breeding / Propagating  
Conveying / Moving / Translocating

Selling / Trading / Buying  
Receiving / Giving / Donating  
Disposal / Acquisition

**Species details**

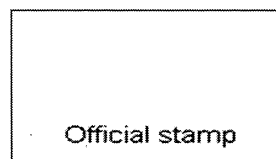
**Scientific Name**

**Common Name**

**Description of the specimens**

**Quantity**

This permit issued by: Place:



**ANNEXURE D****Directive in terms of section 69(2) or 73(3) of the National Environmental Management: Biodiversity Act, 2004.****Duty of care relating to alien species and listed invasive species****Explanatory Notes:**

- (i) *In terms of section 69(2) of the Act, the Minister may, in writing, direct any person who has failed to comply with permit requirements and conditions to take such steps as may be necessary to remedy any harm to biodiversity caused by the actions of that person as may be specified in the directive.*
- (ii) *In terms of section 73(3) of the Act, the Minister may, in writing, direct any person who has failed to comply with permit requirement and conditions and/or notification requirements to take such steps as may be necessary to remedy any harm to biodiversity caused by the actions of that person as may be specified in the directive.*

**For official use:**

Directive number:Date:

**1.DIRECTIVE ISSUED TO:**

<b>Full name</b>	
<b>Identity number</b>	
<b>Physical address</b>	<b>Code</b>
<b>Postal address</b>	<b>Code</b>
<b>Telephone number</b>	(+27) ( )
<b>Fax number</b>	(+27) ( )
<b>Cellular number</b>	(+27) ( )

<b>E-mail address</b>	
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**2.SITE AND SPECIES DETAILS**

Details of affected land (name, province, district, erf number)	
Details of listed invasive species (scientific or common name). Attach list if space is not sufficient	
Permit number	
Permit conditions (Attach an Annex if space is not sufficient)	

**3.DIRECTIVE SPECIFICATIONS**

Remedial actions to be taken by responsible person (Attach Annex if space is insufficient):

.....

.....



.....  
.....  
.....  
.....

**ISSUED BY: RECEIVED BY:**

Name:

Name:

Signature:Signature:

Date:

Date:



## ANNEXURE E

### Request to issue a Directive in terms of section 74(1) of the National Environmental Management: Biodiversity Act for a listed invasive species

**Explanatory Note:**

*In terms of section 74(1) of the Act, any person may request the Minister, in writing, to issue a directive in terms of section 73(3) of the Act.*

**For official use:**

Reference number:Date:

**1.DIRECTIVE REQUESTED BY:**

Full name	
Identity number	
Physical address	Code
Postal address	Code
Telephone number	(+27) (    )
Fax number	(+27) (    )
Cellular number	(+27) (    )
E-mail address	

**2.DIRECTIVE TO BE ISSUED TO**

Name: .....

**2.1SITE AND SPECIES DETAILS**

2.1.1Name (if applicable), province/magisterial district, erf number or physical address:

.....  
.....  
.....

2.1.2Listed invasive species involved (Attach list if space is insufficient):

Scientific name: .....

Common name: .....

**2.2REASONS FOR REQUEST** (Choose whichever is applicable)

2.2.1 Contravention of permit requirements in terms of section 71(1) of the Act and/or associated permit conditions?

If yes, substantiate:

Yes	No
-----	----

.....  
.....

2.2.2Contravention of notification requirements in terms of section 73(2)(a) of the Act?

If yes, substantiate:

Yes	No
-----	----

.....  
.....

2.2.3 Contravention of measure to prevent spreading / control / eradicate in terms of section 73(2)(b) of the Act?

If yes, substantiate:

Yes	No
-----	----

.....  
.....

2.2.4 Previous directives not implemented?

If yes, substantiate:

Yes	No
-----	----

.....  
.....

I, the undersigned, [FULL NAME:] .....

confirm that the above information is correct and complete to the best of my knowledge.

SIGNED: ..... DATE: .....

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