
GENERAL NOTICE

NOTICE 493 OF 2015

DEPARTMENT OF ENVIRONMENTAL AFFAIRS

NATIONAL ENVIRONMENTAL MANAGEMENT: BIODIVERSITY ACT 2004 (ACT NO, 10 OF 2004)

DRAFT AMENDMENTS TO THE ALIEN AND INVASIVE SPECIES LISTS, 2015

Minister Bomo Edith Edna Molewa, Minister of Environmental Affairs, hereby publishes for public comment, the following amendments to the Alien and Invasive Species lists published in *Government Gazette* 37886 Notice 599 of 1 August 2014 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 lists are 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 comment. 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 Nemba_Regs@environment.gov.za

Enquiries: Ms Nomahlubi Sishuba at 021 441-2700



BOMO EDITH EDNA MOLEWA
MINISTER OF ENVIRONMENTAL AFFAIRS

SCHEDULE

Only those species where amendments are proposed or where new species have been added to the Lists are detailed below. Where current listed species are proposed for deletion from the lists this is detailed in a separate section below.

After the public comment phase, a final list of Alien and Invasive species will be published including the final amendments after consideration of the comments. That final list will replace the current Alien and invasive Species Lists published in *Government Gazette* 37886 No. 599 of 1 August 2014.

1. AMENDMENTS TO THE ALIEN AND INVASIVE SPECIES LISTS

The following species in Notices 3 and 4 have been amended by either amending the area, categorisation, the type of exemption or prohibition or correcting the common name or scientific name of the species.

New species which are proposed to be added to the Lists are indicated by the word "NEW" in the left-hand column.

NOTICE 3:

NATIONAL LIST OF INVASIVE SPECIES IN TERMS OF SECTION 70(1)(A)

List 1: National list of Invasive Terrestrial and Fresh-water Plant Species

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
	<i>Nephrolepis cordifolia</i> (L.) C.Presl (= <i>Polypodium cordifolium</i> L.)	Erect sword fern, Ladder sword fern	a. 1b in Eastern Cape, KwaZulu-Natal, Mpumalanga, Limpopo and Western Cape. b. 3 in Free State, Gauteng, North-West and Northern Cape. c. Sterile cultivars or hybrids are not listed.	
	<i>Nephrolepis exaltata</i> (L.) Schott (= <i>Polypodium exaltatum</i> L.)	Sword fern, Boston sword fern	a. 1b in Eastern Cape, KwaZulu-Natal, Mpumalanga, Limpopo and Western Cape. b. 3 in Free State, Gauteng, North-West and Northern Cape.	

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
	<i>Pinus pinaster</i> Aiton and hybrids, varieties and selections	Cluster pine	<p>c. Sterile cultivars or hybrids are not listed.</p> <p>a. 2 for plantations and wind-rows.</p> <p>b. 1b elsewhere.</p> <p>c. National Heritage Trees or National Monument Trees in terms of the National Heritage Resources Act, 1999, (Act No. 25 of 1999), are not listed.</p> <p>d. Specimens with a diameter (calliper width) greater than 400 mm at a height of 1000 mm at the date of publication of this Notice are not listed for urban areas in Cape Town, the Overberg District Council and Winelands District Council, except when in riparian areas or in a protected area or any property directly abutting a protected area, where they remain listed as Category 1b.</p>	Exempted for an existing plantation outside of the Western Cape.
	<i>Pinus radiata</i> D. Don and hybrids, varieties and selections	Radiata pine, Monterey pine	<p>a. 2 for plantations and wind-rows.</p> <p>b. 1b elsewhere.</p> <p>c. National Heritage Trees or National Monument Trees in terms of the National Heritage Resources Act, 1999 (Act No. 25 of 1999), are not listed.</p> <p>d. Specimens with a diameter (calliper width) greater than 400 mm at a height of 1000 mm at the date of publication of this Notice are not listed for urban areas in Cape Town, the Overberg District Council and Winelands District Council, except when in riparian areas or in a protected area or any property directly abutting a protected area, where they remain listed as Category 1b.</p>	Exempted for an existing plantation outside of the Western Cape.

List 4: 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)
	<i>Columba livia</i> (Gmelin, 1789)	Rock dove, Feral pigeon	a. 3 b. 2 for all restricted activities relating to racing and showing of feral pigeons.	<p>Any person undertaking feral pigeon racing or feral pigeon showing registered with the relevant industry association is exempted from requiring a permit for all restricted activities, provided such Association is in possession of a valid permit in terms of the Act or the Alien and Invasive Species Regulation, 2014 for any restricted activity relating to feral pigeon racing or feral pigeon showing and provided such person complies with all permit conditions in the relevant Association's permit.</p> <p>The above exemption does not apply to restricted activity "a" in Notice 1: "Importing into the Republic, including introducing from the sea, any specimen of a listed invasive species" and any person engaging in this activity must apply for a permit from the issuing authority.</p>
	<i>Psittacula krameri</i> (Scopoli, 1769)	Rose-ringed parakeet	2	<p>Any person undertaking rose-ringed parakeet breeding registered with the relevant industry association is exempted from requiring a permit for all restricted activities, provided such Association is in possession of a valid permit in terms of the Act or the Alien and Invasive Species Regulation, 2014 for any restricted activity relating to rose-ringed parakeet breeding and provided such person complies with all permit conditions in the relevant Association's permit.</p> <p>The above exemption does not apply to restricted activity "a" in Notice 1: "Importing into the Republic,</p>

NO.	SPECIES	COMMON NAME	CATEGORY	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
				including introducing from the sea, any specimen of a listed invasive species" and any person engaging in this activity must apply for a permit from the issuing authority.
	All hybrids between indigenous and alien (excluding extra-limital) species		1a	

List 5: National List of Invasive Reptile Species

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
NEW	<i>Python bivittatus</i> (Kuhl, 1820)	Burmese Python	2	
	<i>Boa constrictor</i> Linnaeus, 1758	Common boa	a. 2 in KwaZulu-Natal, Mpumalanga, Eastern Cape and Limpopo. b. Not listed elsewhere.	
	<i>Iguana iguana</i> (Linnaeus, 1758)	Green iguana	a. 2 in KwaZulu-Natal, Mpumalanga, Eastern Cape and Limpopo. b. Not listed elsewhere.	
	<i>Python molurus</i> (Linnaeus, 1758)	Indian Rock Python	2	
	<i>Trachemys species</i>	Turtles / Sliders native to the Americas	3	

List 7: National List of Invasive Fresh-water Fish Species

NO.	SPECIES	COMMON NAME	CATEGORY/AREA	FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
	<i>Cyprinus carpio</i> (Linnaeus, 1758)	Common carp	a. 1b in National Parks, Provincial Reserves, Mountain Catchment Areas and Forestry Reserves declared in terms of the Protected Areas Act. b. 2 for release into a dam within a discrete catchment system in which it does not occur. c. 3 in all rivers, wetlands, natural lakes and estuaries in which it occurs. d. Subject to b, common carp is not listed for dams within discrete catchment systems in which it occurs.	a. The transfer or release of a specimen of common carp 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, is prohibited. b. Release of Common carp in National Parks, Provincial Reserves, Mountain Catchment Areas and Forestry Reserves declared in terms of the Protected Areas Act is prohibited. c. Release of Common carp in any rivers, wetlands, natural lakes and estuaries is prohibited. d. Common carp are exempted listed as Category 2 for a period of two years from the date upon which this notice takes effect, from requiring a Permit for any restricted activity in terms of the Act or Alien and Invasive Species Regulations, 2014, provided a person is in possession of a valid Provincial Permit issued in terms of Provincial legislation where required for common carp. e. Catch and release of common carp is exempted in discrete catchment systems in which it occurs. f. Ornamental koi carp are exempt from requiring a permit for all restricted activities except for

List 10: 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)
NEW	<i>Carcinus maenas</i> (Linnaeus, 1758)	European shore crab/ Green crab	1b	Catch and release is prohibited
NEW	<i>Cherax cainii</i> (Austin & Ryan, 2002)	Smooth marron	2	
	<i>Cherax tenuimanus</i> (Smith, 1912)	Hairy marron	2	
	<i>Crassostrea gigas</i> (Thunberg, 1793)	Japanese oyster, Pacific oyster	2	<p>a. Aquaculture facilities within the following areas are exempted from requiring a Permit for all restricted activities except for restricted activity a, provided they have a valid Permit from the Department responsible for Fisheries:</p> <ol style="list-style-type: none"> Algoa Bay: landwards of a straight boundary line with endpoints at the GPS coordinates 33°51'24.82"S 25°38'11.01"E and 33°59'20.68"S 25°40'26.31"E. Upstream of the mouth of the Keisikamma River at the the GPS coordinates 33°16'54.26"S 27°29'26.35"E. Kleinsee: land-based operations with water outflows on the stretch of coast marked in the North by GPS coordinates 29°39'13.44"S 17°02'20.15"E and in the South 29°40'15.12"S 17°02'40.18"E. Knysna River: upstream of the mouth at GPS 34° 4'55.64"S 23° 3'36.39"E Within the Marina Martinique, landwards of the mouth of the Marina marked as by the GPS coordinates 34°04'37.23"S 24°55'21.13"E Paternoster: land-based operation with water outflows on the stretch of coast marked in the North by GPS coordinates 32°46'41.56"S 17°54'28.37"E and in the South by 32°47'14.33"S 17°54'27.75"E. Port Alfred: Kowie River, upstream of GPS coordinates 33°36'21.59"S 26°53'50.20"E. Saldanha Bay: within the Bay, north-eastward of a straight boundary line with endpoints at the GPS coordinates 33°02'59.26"S 17°54'41.34"E and 33°06'17.54"S 17°57'09.53"E. <p>All other persons including all aquaculture facilities whether located inside or outside the areas identified in (a) above are:</p> <ol style="list-style-type: none"> exempted from restricted activity (i) in Notice 1: "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." exempted from restricted activity (e) in Notice 1: "Selling or otherwise trading in, buying, receiving, giving, donating or accepting as a gift, or in any way acquiring or disposing of any

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
	<i>Mytilus galloprovincialis</i> (Lamarck, 1819)	Mediterranean mussel, Blue mussel	2	<p>live specimen of a listed invasive species."</p> <p>a. Aquaculture facilities are exempted from requiring a Permit for all restricted activities except for restricted activities a, f, g, and k in Notice 1.</p> <p>All other persons are:</p> <p>b. Exempted from restricted activity (i) in Notice 1: "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."</p> <p>c. Exempted from restricted activity (e) in Notice 1: "Selling or otherwise trading in, buying, receiving, giving, donating or accepting as a gift, or in any way acquiring or disposing of any live specimen of a listed invasive species."</p>

NOTICE 4:

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

LIST 1: PROHIBITED TERRESTRIAL AND FRESH-WATER PLANTS	
No.	Scientific Name
	<i>Medinilla venosa</i> (Blume) Blume (= <i>Melastoma venosum</i> Blume)
	<i>Nechamandra alternifolia</i> (Roxb.) Thwaites (= <i>Vallisneria alternifolia</i> Roxb.)
	<i>Pereskia</i> species not in South Africa
	<i>Prosopis argentifolia</i> Burkart
	<i>Prosopis reptans</i> Benth. (= <i>P. reptans</i> var <i>cinerascens</i> (A.Gray) Burkart., <i>Strombocarpa cinerascens</i> A.Gray)
	<i>Prosopis ruscifolia</i> Griseb.
Common Name	
	Holdlight
	Nechamandra
	Pereskia, Rose cactus, Cactus bleo, Abrojo, Erizo,
	Mesquite, Algarobilla.
	Mesquite, Tornillo
	Mesquite, lbop

LIST 5: PROHIBITED REPTILES	
No.	Scientific name
NEW	<i>Python sebae</i> (Gmelin, 1788)
Common name	
	North African python/ African rock python

<i>Bactrocera dorsalis</i> (Hendel, 1912)	Oriental fruit fly
<i>Bactrocera facialis</i> (Coquillett, 1909)	Fruit fly
<i>Bactrocera frauenfeldi</i> (Schiner, 1868)	Mango fruit fly
<i>Bactrocera jarvisi</i> (Tryon, 1927)	Jarvis' fruit fly
<i>Bactrocera kandiensis</i> Drew & Hancock, 1994	Fruit fly
<i>Bactrocera kiki</i> (Froggatt, 1911)	Fruit fly
<i>Bactrocera latifrons</i> (Hendel, 1915)	Malaysian fruit fly
<i>Bactrocera melanotus</i> (Coquillett, 1909)	Black fruit fly
<i>Bactrocera musae</i> (Tryon, 1927)	Banana fruit fly
<i>Bactrocera neohumeralis</i> (Hardy, 1951)	Fruit fly
<i>Bactrocera occipitalis</i> (Bezzi, 1919)	Breadfruit fruit fly
<i>Bactrocera papayae</i> Drew & Hancock, 1994	Asian papaya fruit fly
<i>Bactrocera passiflorae</i> (Froggatt, 1911)	Fijian fruit fly
<i>Bactrocera philippinensis</i> Drew & Hancock, 1994	Fruit fly
<i>Bactrocera psidii</i> (Froggatt, 1899)	South sea guava fruit fly
<i>Bactrocera pyrifoliae</i> Drew & Hancock, 1994	Fruit fly
<i>Bactrocera tryoni</i> (Froggatt, 1897)	Queensland fruit fly
<i>Bactrocera xanthodes</i> (Broun, 1904)	Pacific fruit fly
<i>Castnia licoides</i> (Boisduval, 1875)	Banana stem borer
<i>Castnia perelope</i> Schaufuss, 1870	Fruit tree borer
<i>Ceroplastes floridensis</i> Comstock, 1881	Florida wax scale
<i>Chloropulvinaria polygonata</i> (Cockerell)	Mango scale
<i>Choristoneura rosaceana</i> (Harris, 1841)	Rosaceous/Oblique-banded leaf roller
<i>Chrysodeixis eriosoma</i> (Doubleday, 1843)	Green garden looper
<i>Cnephasia jactatana</i> Walker	Black-lyre leaf roller moth
<i>Colaspis hypochlora</i> Lefèvre	Leaf scarring beetle
<i>Conogethes punctiferalis</i> (Guenée)	Yellow peach moth, Castor capsule borer
<i>Conopomorpha litchiella</i> Bradley, 1986	Lychee leaf miner
<i>Cryptophlebia illeipida</i> (Butler) 1882	Koa seedwormcidae
<i>Cryptophlebia ombrodelta</i> (Lower)	Litchi fruit moth
<i>Ctenopseustis obliquana</i> (Walker)	Brownheaded leafroller
<i>Dudua aprobola</i> (Meyrick, 1886)	Leaf curling moth
<i>Dysmicoccus neobrevipes</i> Beardsley, 1959	Grey pineapple mealybug

<i>Epiphyas postvittana</i> Walker	Light brown apple moth
<i>Erionota thrax</i> (Linnaeus, 1767)	Banana skipper
<i>Holopothrips ananasi</i> Costa Lima, 1935	Ananas thrips
<i>Lachnopus</i> sp. near <i>campechianus</i>	Banana fruit-scarring beetle
<i>Lobesia aeolopa</i> Meyrick, 1907	Tortricidae moth, Leafroller
<i>Maconellicoccus hirsutus</i> (Green, 1908)	Pink hibiscus mealybug
<i>Metamasius callizona</i> (Chevrolat)	Mexican bromeliad weevil
<i>Nacoleia octasema</i> (Meyrick, 1886)	Banana scab moth
<i>Erechthias flavistriata</i> Zimmerman, 1978	Sugarcane bud moth
<i>Odoiporus longicollis</i> (Olivier, 1807)	Banana pseudostem weevil
<i>Planococcoides njalensis</i> Laing	West African cocoa mealybug
<i>Planococcus litchi</i> Cox, 1989	Mealybug
<i>Planococcus minor</i> (Maskell)	Passionvine mealybug
<i>Planotortix excessana</i> (Walker)	Leafroller moth
<i>Platynota stultana</i> Walsingham	Omnivorous leafroller
<i>Proeuilia auraria</i> (Clarke, 1949)	Chilean fruit leafroller
<i>Proeuilia chrysopteris</i> (Butler, 1883)	Grapevine leaf-rolling tortricid
<i>Pseudococcus comstocki</i> (Kuwana)	Comstock mealybug
<i>Pseudococcus cryptus</i> Hempel	Citriculus mealybug
<i>Pseudococcus elisae</i> Borchsenius, 1947	Banana mealybug
<i>Pseudococcus jackbeardsleyi</i> Gimpel and Miller, 1996	Jack Beardsley mealybug
<i>Rastrococcus iceryoides</i> (Green, 1908)	Mango mealybug
<i>Rastrococcus invadens</i> Williams	Fruit tree mealybug
<i>Rastrococcus mangiferae</i> (Green)	Mango shield scale
<i>Rastrococcus spinosus</i> (Robinson)	Philippine mango mealybug
<i>Rhipiphorothrips cruentatus</i> Hood, 1919	Grapevine thrips
<i>Spodoptera litura</i> (Fabricius)	Oriental leafworm moth
<i>Sternochetus frigidus</i> (Fabricius, 1787)	Mango pulp weevil
<i>Thecla basilides</i> Geyer	Pineapple borer
<i>Thecla legota</i> Hewitson, 1877	Thecla moth
<i>Thrips hawaiiensis</i> (Morgan, 1913)	Banana flower thrips
<i>Thrips palmi</i> Karny, 1925	Melon thrips
<i>Tmolus echion</i> (Linnaeus, 1767).	Red-spotted hairstreak

<i>Toxotrypana curvicauda</i> Gerstaecker	Papaya fruit fly
<i>Unaspis citri</i> (Comstock, 1883)	Citrus snow scale
<i>Vinsonia stellifera</i> (Westwood)	Stellate scale
c. Prohibited Acari (Mites)	
<i>Calacarus brionesae</i> Keifer 1963	Papaya leaf edgeroller
<i>Cisaberoptus kenyae</i> Keifer	Mango leafcoating mite
<i>Oligonychus biharensis</i> (Hirst)	Spider mite/Cassava red mite
<i>Oligonychus punicae</i> (Hirst)	Avocado brown mite
<i>Oligonychus yothersi</i> (McGregor)	Avocado red mite
<i>Tetranychus desertorum</i> Banks, 1900	Desert spider mite
<i>Tetranychus mexicanus</i> (McGregor)	Spider mite
<i>Tetranychus piercei</i> McGregor	Banana spider mite
<i>Tuckerella pavoniformis</i> (Ewing, 1922)	Tuckerellid mite
Any species of the genera <i>Varroa</i> , <i>Euvarroa</i> or <i>Tropilaelaps</i>	Varroa mite, brood mite or Asian bee mites

2. DELETION OF INVASIVE SPECIES

The following species listed below are proposed to be deleted from the National Lists in Notice 3 as follows:

List 5: National List of Invasive Reptile Species

NO.	SPECIES	COMMON NAME	CATEGORY / AREA	SCOPE OF EXEMPTION FROM THE PROVISIONS OF SECTION 71(3) / PROHIBITION IN TERMS OF SECTION 71A(1)
	<i>Chamaeleo jacksonii</i> Boulenger, 1896	Jackson's chameleon	a. 2 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. b. Not listed elsewhere.	
	<i>Chamaeleo melleri</i> (Gray, 1865)	Meller's chameleon	a. 2 in Eastern Cape, KwaZulu-Natal, Limpopo and Mpumalanga. b. Not listed elsewhere.	
	<i>Pantherophis guttatus guttatus</i>	Cornsnake	3	
	<i>Python sebae</i> (Gmelin, 1788)	North African python	a. 2 in KwaZulu-Natal, Limpopo, Mpumalanga, Eastern Cape and Gauteng. b. Not listed elsewhere.	