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PUBLICATION OF NATIONAL LIST OF INVASIVE SPECIES

I, Bomo Edith Edna Molewa, Minister for Water and Environmental Affairs, hereby under section 70(1)(a) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004), publish the national list of invasive species in the Schedule hereto.



**BOMO EDITH EDNA MOLEWA
MINISTER FOR WATER AND ENVIRONMENTAL AFFAIRS**

SCHEDULE

NATIONAL LIST OF INVASIVE SPECIES

1. Chapter 5 of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004) applies nationally to the invasive species listed in the table hereunder.
2. Category 1a invasive species are invasive species that require compulsory control.
3. Category 1b invasive species are invasive species that require control by means of an invasive species management programme.

Invertebrates (Terrestrial)		
Scientific Name	Common Name	Category
<i>Harmonia axyridis</i>	Asian lady beetle	1b
<i>Polistes dominulus</i>	European paper wasp	1a
<i>Theba pisana</i>	White garden snail	1b
<i>Vespula germanica</i>	European wasp	1b

Invertebrates (Freshwater)		
Scientific name	Common name	Category
<i>Aedes albopictus</i>	Asian tiger mosquito	1b
<i>Aplexa marmorata</i>	Marbled tadpole snail	1b
<i>Astacus leptodactylus</i>	Danube/Galician Crayfish	1a
<i>Cherax destructor</i>	Yabby	1a
<i>Cherax quadricarinatus</i>	Redclaw crayfish	1b
<i>Lymnaea columella</i>	Amphibious pond snail	1b
<i>Tarebia granifera</i>	Quilted malania	1b

Marine species		
Scientific name	Common name	Category
<i>Carcinus maenas</i>	European shore crab / Green crab	1b

Freshwater and anadromous fish		
Scientific name	Common name	Category
<i>Ctenopharyngodon idella</i>	grass carp	1b
<i>Cyprinus carpio (excluding Koi)</i>	carp	1b

<i>Hypophthalmichthys molitrix</i>	silver carp	1b
<i>Lepomis macrochirus</i>	bluegill sunfish	1b
<i>Micropterus dolomieu</i>	smallmouth bass	1b
<i>Micropterus floridanus</i>	Florida bass	1b
<i>Micropterus punctulatus</i>	spotted bass	1b
<i>Micropterus salmoides</i>	largemouth bass	1b
<i>Oncorhynchus mykiss</i>	rainbow trout	1b
<i>Oreochromis niloticus</i>	Nile tilapia and hybrids	1b
<i>Oreochromis niloticus</i> x <i>Oreochromis mossambicus</i>	Nile tilapia x Mozambique tilapia	1b
<i>Pterygoplichthys disjunctivus</i>	Vermiculated sailfin catfish	1b
<i>Salmo salar</i>	Atlantic salmon	1b
<i>Salmo trutta</i>	brown trout	1b

Amphibians		
Scientific name	Common name	Category
<i>Eleutherodactylus spp.</i>	Rain frogs, Coqui Frogs	1a

Reptiles		
Scientific name	Common name	Category
<i>Anolis sagrei</i>	Anole, brown	1a
<i>Gehyra mutilata</i>	Stump-tailed Gecko	1a
<i>Hemidactylus brookii</i>	Brooks House Gecko	1a
<i>Hemidactylus mabouia</i>	Tropical House Gecko	1b
<i>Lepidodactylus lugubris</i>	Mourning Gecko	1a
<i>Ramphotyphlops braminus</i>	Flower-pot Snake	1b
<i>Tarentola mauritanica</i>	Wall gecko, Moorish	1a
<i>Trachemys spp.</i>	Slider, red-eared	1a
<i>Trioceros melleri</i>	Chameleon, Meller's	1a

Birds		
Scientific name	Common name	Category
<i>Acridotheres tristis</i>	Myna, Indian	1b
<i>Anas platyrhynchos</i>	Duck, Mallard	1b
<i>Anas platyrhynchos</i> x <i>Anas sparsa</i>	Mallard x African black duck	1b

Birds		
Scientific name	Common name	Category
<i>Anas platyrhynchos</i> x <i>Anas undulata</i>	Mallard x Yellow-billed duck	1b
<i>Anas platyrhynchos</i> x Any other indigenous duck species	Mallard x Any other indigenous duck species	1b
<i>Corvus splendens</i>	Crow, Indian House	1b
<i>Fringilla coelebs</i>	Chaffinch	1a
<i>Gracula religiosa</i>	Myna, Hill	1b
<i>Sturnus vulgaris</i>	Starling, Eurasian	1b

Mammals		
Scientific name	Common name	Category
<i>Aepyceros melampus petersi</i>	Impala, black-faced	1b
<i>Diceros bicornis michaeli</i>	Rhinoceros, Black Kenya	1b
<i>Erythrocebus patas</i>	Patas monkey	1a
<i>Hemitragus jemlahicus</i>	Himalayan tahr	1b
<i>Hippotragus koba</i>	Western Roan	1b
<i>Hippotragus niger varianii</i>	Giant sable	1b
<i>Kobus ellipsiprymnus crawshayi</i>	Crawshay's Zambia Waterbuck	1b
<i>Madoqua kirkii</i>	Dik Dik, Damara	1a
<i>Oryx dammah</i>	Scimitar-horned Oryx	1b
<i>Sus scrofa</i>	Pig, Feral	1b
<i>Tragelaphus derbianus</i>	Eland, Derby	1b
<i>Tragelaphus euryceros</i>	Bongo	1a
<i>Tragelaphus imberbis</i>	Lesser kudu	1a
<i>Tragelaphus livingstonii</i>	Livingstone's eland	1b
<i>Tragelaphus spekii</i>	Sitatunga	1b

Plants		
Scientific Name	Common Name	Category
<i>Acacia adunca</i> A.Cunn. ex Don	Cascade wattle	1a
<i>Acacia stricta</i> (Andrews) Willd.	Hop wattle	1a
<i>Agrimonia procera</i> Waltr. (=A. <i>Odorata</i> Mill.)	Akkermonie, Geelklits/ scented agrimony	1b

Plants		
Scientific Name	Common Name	Category
<i>Alisma plantago-aquatica</i> L.	Wateralisma, Padda lepel / Mud plantain, Water alisma	1b
<i>Antigonon leptopus</i> Hook. & Arn.	Koraalklimop /Coral creeper	1b
<i>Ardisia elliptica</i> Thunb. (= <i>A. humilis</i> Vahl)	Shoebutton ardisia	1b
<i>Aristolochia elegans</i> Mast.	Sisblom /Dutchman's pipe	1b
<i>Atriplex inflata</i> F.Muell. (= <i>A. lindleyi</i> Moq. subsp. <i>inflata</i> (F. Muell.) Paul G.Wilson)	Blasiesoutbos /Sponge fruit salt bush	1b
<i>Austrocylindropuntia subulata</i> (Muehlenpf.) Backeb. (= <i>Opuntia exaltata</i> A.Berger)	Langdoringkaktus /Long spine cactus	1b
<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
<i>Bartlettina sordida</i> (Less.) R.M. King & H.Rob. (= <i>Eupatorium atrorubens</i> (Lem.) G.Nicholson, <i>E. sordidum</i> Less.)	Bartlettina/	1b
<i>Billardiera heterophylla</i> (Lindl.) L.W.Cayzer & Crisp (= <i>Sollya heterophylla</i> Lindl.)	Bluebell creeper	1a
<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.)	Kandelaarplant / Chandelier plant	1b
<i>Cabomba caroliniana</i> A.Gray	Cabomba, Carolina fanwort	1a
<i>Caesalpinia gilliesii</i> (Hook.) D.Dietr.	Paradysvoëlblom / Bird of Paradise flower	1b
<i>Callisia repens</i> (Jacq.) L.	Creeping inch plant	1b
<i>Calotropis procera</i> (Aiton) W.T.Aiton	Calotropis, Giant-milkweed	1b
<i>Catharanthus roseus</i> (L.) G.Don Excluding hybrids	Begraafplaasblom /Madagascar periwinkle	1b
<i>Cestrum</i> spp Excluding approved cultivars as listed: None listed	Sestrum spp. / Cestrum spp.	1b

Plants		
Scientific Name	Common Name	Category
<i>Chondrilla juncea</i> L.	Skeleton weed	1a
<i>Cirsium japonicum</i> Fisch. ex DC.	Japanese thistle	1b
<i>Cotoneaster glaucophyllus</i> Franch.	Bloudwergmispel /Late cotoneaster	1b
<i>Cotoneaster salicifolius</i> Franch.	Willow-leaved showberry	1b
<i>Cotoneaster simonsii</i> Baker	Himalayan cotoneaster, Simon's cotoneaster	1b
<i>Crotalaria agatiflora</i> Schweinf.	Voeltjebos / Canarybird bush, bird flower	1a
<i>Cryptostegia madagascariensis</i> Bojer ex Decne.	Madagascar rubber vine	1a
<i>Cylindropuntia fulgida</i> (Engelm.) F.M.Knuth (= <i>Opuntia fulgida</i> Engelm.) (<i>O. rosea</i> misapplied in South Africa).	Roseakaktus / Rosea cactus, Chain-fruit cholla	1b
<i>Cylindropuntia imbricata</i> (Haw.) F.M.Knuth (= <i>Opuntia imbricata</i> (Haw.) DC.	Imbrikaatkaktus, Kabelturksvy / Imbricate cactus, Imbricate prickly pear	1b
<i>Diplocyclos palmatus</i> (L.) C.Jeffrey	Lollipop-climber	1a
<i>Duchesnea indica</i> (Andrews) Focke	Wilde-aarbei / Wild strawberry	1b
<i>Echinodorus cordifolius</i> (L.) Griseb.	Creeping burhead	1b
<i>Echinodorus tenellus</i> (Mart. ex Schult.f.) Buchenau	Amazon sword plant	1b
<i>Equisetum hyemale</i> L.	Rough horsetail, Common scouring-rush	1a
<i>Euphorbia esula</i> L. (= <i>E. x pseudovirgata</i> (Schur) Soó, <i>E. tommasiniana</i> Bertol., <i>E. virgata</i> Waldst. & Kit.)	Leafy spurge	1a
<i>Euphorbia leucocephala</i> Lotsy	White poinsettia	1b
<i>Fallopia sachalinensis</i> (F.Schmidt) Ronse Decr. (= <i>Polygonum sachalinense</i> F.Schmidt, <i>Reynoutria sachalinensis</i> (F.Schmidt) Nakai	Giant knotweed	1a
<i>Flaveria bidentis</i> (L.) Kuntze	Smeltersbossie / Smelter's-bush	1b

Plants		
Scientific Name	Common Name	Category
<i>Galium tricornutum</i> Dandy (= <i>G. tricorne</i> Stokes, pro parte)	Three-horned bedstraw, Corn-cleavers	1b
<i>Genista monspessulana</i> (L.) L.A.S.Johnson (= <i>Cytisus monspessulanus</i> L., <i>C. candicans</i> (L.) DC.)	Montpellierbrem / Montpellier broom	1a
<i>Grevillea banksii</i> R.Br.	Australiese rooi-eik / Australian crimson oak, Red flowering silky oak	1b
<i>Homalanthus populifolius</i> Graham	Gebrokehartjieboom / Bleeding-heart tree	1b
<i>Hydrilla verticillata</i> (L.f.) Royle	Hydrilla	1a
<i>Hydrocleys nymphoides</i> (Humb. & Bonpl. ex Willd.) Buchenau	Water poppy	1a
<i>Hylocereus undatus</i> (Haw.) Britton & Rose	Night-blooming cereus	1b
<i>Hypericum androsaemum</i> L.	Tutsan	1b
<i>Ipomoea carnea</i> Jacq. subsp. <i>fistulosa</i> (Mart. ex Choisy) D.F.Austin (= <i>I. fistulosa</i> Mart. ex Choisy) Excluding approved cultivars as listed: None listed	Morning-glory bush	1b
<i>Iris pseudacorus</i> L.	Geel iris / Yellow flag	1a
<i>Jatropha gossypifolia</i> L.	Cotton-leaf physic nut	1b
<i>Kunzea ericoides</i> (A.Rich.) Joy Thomps. (= <i>Leptospermum ericoides</i> A. Rich.)	Burgan, White teatree	1a
<i>Lantana</i> - All seed producing species or seed producing hybrids of <i>Lantana</i> that are not-Indigenous to Africa	<i>Lantana</i> / <i>Lantana</i> , Tickberry, Cherry pie	1b
<i>Linaria dalmatica</i> (L.) Mill. (= <i>Antirrhinum dalmaticum</i> L., <i>Linaria genistifolia</i> subsp. <i>dalmatica</i> (L.) Maire & Petitm.	Dalmatian toadflax, Broadleaf toadflax	1b
<i>Linaria vulgaris</i> Mill.	Common toadflax, Butter-and-eggs	1b
<i>Ludwigia peruviana</i> (L.) H. Hara	Water-primrose, Peruvian primrosebush	1a
<i>Lythrum hyssopifolia</i> L.	Hyssop loosestrife	1b

Plants		
Scientific Name	Common Name	Category
<i>Malva dendromorpha</i> M.F.Ray (= <i>Lavatera arborea</i> L.)	Mak kiesieblaar / Tree mallow	1b
<i>Malva verticillata</i> L.	Kiesieblaar / Mallow	1b
<i>Malvastrum coromandelianum</i> (L.) Garcke	Prickly malvastrum	1b
<i>Marsilea mutica</i> Mett.	Nardoo, Australian water-clover	1a
<i>Melaleuca hypericifolia</i> Sm.	Red-flowering tea tree	1a
<i>Mirabilis jalapa</i> L.	Vieruurtjie / Four-o'clock, Marve-of-Peru	1b
<i>Nicandra physalodes</i> (L.) Gaertn.	Basterappelliefie / Apple-of-Peru	1b
<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</i> <i>luteus</i> (L.) Fernald, <i>N. sericeus</i> (Láng) Fernald, <i>N. vulgaris</i> Rich.)	Yellow water-lily	1a
<i>Nymphaea mexicana</i> Zucc.	Geel waterlelies / Yellow water lilies	1b
<i>Nymphoides peltata</i> (S.G.Gmel.) Kuntze (= <i>Limnanthemum peltatum</i> S.G.Gmel.)	Gringed waterlily, Yellow floating- heart	1a
<i>Opuntia engelmannii</i> Salm-Dyck ex Engelm. (= <i>O. lindheimeri</i> Engelm.)	Klein rondbljaarurksvy / Small round-leaved prickly pear	1b
<i>Opuntia microdasys</i> (Lehm.) Pfeiff.	Yellow bunny-ears, Teddy-bear cactus	1b
<i>Orobanche ramosa</i> L.	Blouduiwel / Blue broomrape, Branched broomrape	1b
<i>Parkinsonia aculeata</i> L.	Mexikaanse groenhaarboom / Jerusalem thorn	1b
<i>Paspalum quadrifarium</i> Lam.	Tussock paspalum	1a
<i>Passiflora tripartita</i> (Juss.) Poir. var. <i>mollissima</i> (Kunth) Holm-Niels. & P.Jorg. (= <i>P. mollissima</i> (Kunth) L.H.Bailey	Piesangdilla / Banana poka, Bananadilla	1b
<i>Paulownia tomentosa</i> (Thunb.) Steud. (= <i>Paulownia imperialis</i> Siebold & Zucc.)	Keiserinboom, Prinsesboom / Empress tree, Princess tree, Royal Paulownia	1a

Plants		
Scientific Name	Common Name	Category
<i>Pennisetum purpureum</i> Schumach.	Olifantsgras / Elephant grass, Napier grass	1b
<i>Persicaria capitata</i> (Buch.-Ham. ex D.Don) H.Gross (= <i>Polygonum capitatum</i> Buch.-Ham. ex D.Don)	Knoopkruid / Knotweed	1b
<i>Phytolacca americana</i> L. (= <i>P. decandra</i> L.)	Inkbos, Karmosynbos / American pokeweed	1b
<i>Phytolacca icosandra</i> L. (= <i>P. octandra</i> L.)	Bobbejaandruif, Inkbessie / Forest inkberry	1b
<i>Prunus serotina</i> Ehrh.	Swartkersie / Black cherry	1b
<i>Psidium xdurbanensis</i> Baijnath ined.	Durbanse koejawel / Durban guava	1b
<i>Pueraria montana</i> (Lour.) Merr. var. <i>lobata</i> (Willd.) Maesen & S.M.Almeida (= <i>P. lobata</i> (Willd.) Ohwi)	Kudzuranker / Kudzu vine	1a
<i>Pyracantha coccinea</i> M.Roem. Excluding approved cultivars as listed: None listed	Rooibranddoring / Red firethorn	1b
<i>Pyracantha crenatoserrata</i> (Hance) Rehder (= <i>P. fortuneana</i> misapplied) Excluding approved cultivars as listed: None listed	Chinese firethorn, Broad leaf firethorn	1b
<i>Pyracantha koidzumii</i> (Hayata) Rehder Excluding approved cultivars as listed: None listed	Formosa firethorn	1b
<i>Pyracantha rogersiana</i> (A.B.Jacks.) Chitt. Excluding approved cultivars as listed: None listed	Firethorn	1b
<i>Rubus flagellaris</i> Willd.	Braam / Bramble	1b
<i>Rubus niveus</i> Thunb.	Ceylon raspberry, Mysore raspberry	1b
<i>Rumex usambarensis</i> (Dammer) Dammer (= <i>R. nervosus</i> Vahl var. <i>usambarensis</i>)	Oos-Afrikaanse tongblaar / East African dock	1b

Plants		
Scientific Name	Common Name	Category
Dammer)		
<i>Salsola kali</i> L.	Rolbossie / Tumbleweed	1b
<i>Salsola tragus</i> L. (= <i>S. australis</i> R.Br.)	Russiese rolbossie / Russian tumbleweed	1b
<i>Salvia filifolia</i> Vahl	Lindenleaf sage	1b
<i>Sambucus canadensis</i> L. (= <i>S. nigra</i> L. subsp. <i>canadensis</i> (L.) Bolli)	Kanadese vlier / Canadian elder	1b
<i>Sambucus nigra</i> L.	Europese vlier / European elder	1b
<i>Senna hirsuta</i> (L.) H.S.Irwin & Bameby (= <i>Cassia hirsuta</i> L.)		1b
<i>Senna occidentalis</i> (L.) Link (= <i>Cassia occidentalis</i> L.)	Stinking weed, Wild coffee	1b
<i>Senna septemtrionalis</i> (Viv.) H.S.Irwin & Bameby (= <i>Cassia floribunda</i> sensu Brenan non Cav., <i>C. laevigata</i> Willd.)	Arsenic bush, Smooth senna	1b
<i>Solanum chrysotrichum</i> Schldt. (<i>S. hispidum</i> misapplied in South Africa)	Giant devil's fig	1b
<i>Solanum pseudocapsicum</i> L.	Jerusalemkersie / Jerusalem cherry	1b
<i>Tamarix aphylla</i> (L.) H.Karst. Not to be confused with indigenous <i>Tamarix usneoides</i> E.Mey. ex Bunge	Woestyntamarisk / Athel tree, Desert tamarisk	1b
<i>Tamarix gallica</i> L. Not to be confused with indigenous <i>Tamarix usneoides</i> E.Mey. ex Bunge	Franse tamarisk / French tamarisk	1b
<i>Tephrocactus articulatus</i> (Pfeiff.) Backeb. (= <i>Opuntia articulata</i> (Pfeiff.) D.R.Hunt)	Pine cone cactus, Paper-spine cholla	1a
<i>Toxicodendron succedaneum</i> (L.) Kuntze (= <i>Rhus succedanea</i> L.)	Wasboom / Wax tree	1b
<i>Tradescantia fluminensis</i> Vell.	Wandelende Jood / Wandering Jew	1b
<i>Tradescantia zebrina</i> hort. ex Bosse	Wandelende Jood /	1b

Plants		
Scientific Name	Common Name	Category
(= <i>Zebrina pendula</i> Schnizl.)	Wandering Jew	
<i>Verbena bonariensis</i> L.	Blouwaterbossie / Wild verbena, Tall verbena, Purple top	1b
<i>Verbena brasiliensis</i> Vell.	Brazilian verbena	1b
<i>Vinca major</i> L. Excluding approved cultivars as listed: None listed	Gewone-opklim / Greater periwinkle	1b
<i>Vinca minor</i> L. Excluding approved cultivars as listed: None listed	Lesser periwinkle	1b
<i>Vitex trifolia</i> L.	Indian three-leaf vitex	1b