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## GENERAL NOTICES

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### **NOTICE 347 OF 2009**

#### **DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND TOURISM**

#### **NATIONAL ENVIRONMENTAL MANAGEMENT: BIODIVERSITY ACT, 2004 DRAFT ALIEN AND INVASIVE SPECIES REGULATIONS, 2009**

I, Marthinus Christoffel Johannes van Schalkwyk, Minister of Environmental Affairs and Tourism, hereby publish for public comment, the draft regulations relating to alien species and listed invasive species under section 97(1)(b), (c), (f) and (h) of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004), in the Schedule.

Any person who wishes to submit written representations or comments in connection with the draft regulations are invited to do so within 30 days of the date of this notice. All written representations and comments must be submitted in writing to the Director-General of the Department of Environmental Affairs and Tourism:

By post to:                   The Director-General  
                                    Department of Environmental Affairs and Tourism:

Private Bag X447  
Pretoria, 0001  
Attention: Mr Bonani Madikizela

Delivered to: The Department of Environmental Affairs and  
Tourism  
Attention: Bonani Madikizela  
Fedsure Building  
315 Pretorius Street  
**PRETORIA**

By fax to: (012) 320 2733, and by e-mail to [bmadikizela@deat.gov.za](mailto:bmadikizela@deat.gov.za)

Comments received after the closing date may not be considered.



**MARTHINUS VAN SCHALKWYK**  
**MINISTER OF ENVIRONMENTAL AFFAIRS AND TOURISM**

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## CHAPTER 1

### INTERPRETATION AND PURPOSE

#### Definitions

1. In these Regulations, unless the context otherwise indicates, a word or expression to which a meaning has been assigned in the Act, has the same meaning, and—

**“applicant”** means a person applying for a permit in terms of regulation 43, the amendment of a permit in terms of regulation 51 or the renewal of a permit in terms of regulation 54;

**“biological control”** means the use of specimens of one species for the purpose of preying on, parasitizing on, damaging, killing or controlling another species;

**“commercial use”** in relation to a restricted activity involving an alien or listed invasive species, means the carrying out of the restricted activity for the primary purpose of obtaining economic benefit, including profit in cash or in kind, and is directed towards trade, exchange or another form of economic transaction;

**“controlled environment”** means an enclosure designed to hold specimens of an alien or listed invasive species in a way that —

- (a) prevents them from escaping;
- (b) facilitates intensive human intervention or manipulation in the form of the provision of—
  - (i) food or water;
  - (ii) artificial housing; or
  - (iii) health care; and
- (c) facilitates the intensive breeding or propagation of an alien and listed invasive species;

**“dead specimen”** means a specimen that is not able to propagate, reproduce or transfer genetic traits to another specimen;

**“exempted species”** means a species listed in List 1 of the Notice and regulated in terms of regulation 25;

**“existing alien species”** means an alien species that—

- (a) was present in the Republic prior to the date upon which these regulations came into effect; or
- (b) was lawfully imported into the Republic after the date upon which these regulations came into effect;.

**“Head of Conservation”** means the Head of the provincial department responsible for conservation within a province or the Chief Executive Officer of an organ of state responsible for conservation within a province;

**“hybrid”** means a specimen that is the product of the cross-breeding of individuals from different species;

**“invasion”** means the establishment and subsequent spread of a species outside its distribution range in a manner or to the extent that it constitutes a threat to biodiversity;

**“invasive species control plan”** means a plan prepared by an organ of state in terms of regulation 9 for the control and eradication of alien or listed invasive species on land under its control;

**“invasive species management programme”** means a programme prepared by the Department in terms of regulation 8 for the control and eradication of an alien or listed invasive species that has been prioritised in terms of the national strategy;

**“land owner”** includes the registered owner of the land or the authorized representative of the registered owner, the person in possession or in control of the land or any person deriving a benefit from the land;

**“listed invasive species”** means a species listed in List 3 of the Notice and regulated in terms of regulations 27, 28 and 29 respectively;

**“MEC”** means a member of the Executive Council of a province who is responsible for the conservation of biodiversity in the province;

**“newly introduced alien species”** means an alien species that was first introduced into the Republic after the date on which these regulations came into effect;

**“Notice”** means the Government Notice published in terms of—

- (a) section 66(1) listing the alien species or category of alien species exempted from the provisions of section 65;
- (b) section 67(1) listing the alien species in respect of which a permit to carry out a restricted activity may not be issued; or
- (c) section 70(1)(a) listing the invasive species in respect of which the Act will apply nationally;

**“nursery”** means a facility where specimens of an alien or listed invasive species are artificially propagated, reproduced or multiplied for commercial purposes;

**“pathway”** means the route by which an alien or listed invasive species is transported, introduced into or dispersed or spread within the Republic and includes natural means, inadvertent vectoring, or deliberate acts of human intervention;

**“peat”** means renewable, natural, organic material of botanical origin and includes an accumulation of partially decayed vegetation material that formed in waterlogged, sterile, acidic and anaerobic and low oxygen conditions;

**“permit holder”** means a person to whom a permit has been issued in terms of regulation 44;

**“permit”** means a permit issued in terms of these Regulations;

**“personal use”** means any non-commercial use;

**“prescribed activity”** means an activity prescribed as a restricted activity in terms of regulation 22 and 23;

**“prohibited alien species”** means a species listed in List 2 of the Notice and regulated in terms of regulation 26;

**“provincial authority”** means the provincial organ of state responsible for conservation in the province;

**“registered body”** means a body registered by an issuing authority in terms of regulation 17;

**“registration certificate”** means a certificate issued in terms of regulation 17;

**“release”** means the intentional or unintentional termination of exercising physical control of a specimen of a species;

**“risk assessment”** means a scientific evaluation of the threat or potential threat posed to biological diversity by a restricted activity involving a specimen of an alien or invasive species in terms of Chapter 6;

**“the Act”** means the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004);

**“vector”** means any object by means of which an alien or listed invasive species is inadvertently or deliberately transported, dispersed or spread.

### **Purpose of regulations**

2. The purpose of these regulations is to—

- (a) prevent the unauthorized introduction and spread of alien species to ecosystem and habitats where they do not naturally occur;
- (b) manage and control invasive species to prevent or minimize harm to the environment and to biological diversity in particular; and
- (c) where possible and appropriate, eradicate invasive species that may cause such harm.

**Application of regulations**

3. These regulations do not apply to indigenous species unless the species is a listed invasive species

## CHAPTER 2

### DESIGNATION OF AUTHORITIES

#### Designation of issuing authorities

4 (1) The Minister is the issuing authority for a permit to undertake any other restricted activity involving an alien or listed invasive species if—

- (a) the applicant is an organ of state;
- (b) the species is a marine species regulated in terms of the Marine Living Resources Act, 1998 (Act No. 18 of 1998);
- (c) there is a threat that the species may migrate across provincial boundaries and the Head of Conservation of a province other than the province designated in terms of subregulation (4) objects to the permit being issued;
- (d) after written notice from the Minister requiring it to do so, the issuing authority designated in terms of subregulation (2), (3) or (4) fails to properly exercise its powers; or
- (e) the importation of any specimen of a new alien species or listed invasive species that is to be utilized as an agricultural food crop or fodder or is a plant, fish or animal to be used in the agricultural sector or for food security.

(2) The Minister of Agriculture, is designated as the issuing authority for a permit authorizing—

- (a) the importation of an existing alien or listed invasive species into the country;
- (b) the carrying out of a restricted activity involving a listed invasive plant species also regulated in terms of Regulation 15 of the Conservation of Agricultural Resources Act, No 43 of 1983.

(3) Notwithstanding the provisions of subregulation (2)(b), the Minister of Water Affairs and Forestry is designated as the issuing authority for a permit authorizing the carrying out of a restricted activity involving an alien or listed invasive plant species that also requires a water use permit in terms of the National Water Act, 1998 (Act No. 36 of 1998).

(4) The Head of Conservation in which the restricted activity is to take place is designated as the issuing authority for a permit authorizing the carrying out of any restricted activity involving an alien or listed invasive species for which a permit is required other than an activity specified in subregulations (1), (2) and (3).

### **Designation of competent authorities**

5. (1) The Minister is the competent authority for the control of alien and invasive species.

(2) The Minister of Agriculture is designated as the competent authority for the control of—

- (a) an alien or listed invasive species imported into the Republic; and
- (b) an alien or listed invasive species also regulated in terms of Regulation 15 of the Conservation of Agricultural Resources Act, 1983 (Act No. 43 of 1983).

(3) The Minister of Water Affairs and Forestry is designated as the competent authority for the control of an alien or listed invasive species for which a water use permit is also required in terms of the National Water Act.

(4) The Chief Executive Officer of an organ of state responsible for the management of a protected area in which the restricted activity is to take place is designated as the competent authority for the control of alien or listed invasive species within that protected area.

(5) The Head of Conservation is designated as the competent authority for the control of alien or listed invasive species taking place within that province.

(6) The Municipal Manager of a local authority, is designated as the competent authority for the control of an alien or listed invasive species taking place within the municipal area of that local authority subject to the following conditions—

- (a) a local authority will only be designated as the competent authority if—



- (i) the Minister has determined that the local authority has the capacity to act as a competent authority; and
  - (ii) the Minister has issued a written notification to the local authority authorizing it to act as a competent authority.
- (b) the written notification in terms of sub regulation (a)(ii) records—
  - (i) the names of the persons designated by the local authority to act on its behalf;
  - (ii) the restricted activities in relation to which the local authority shall act as the competent authority;
  - (iii) any conditions determined by the Minister.

(7) Competent authorities designated in terms of this regulation must exercise their powers concurrently.

#### **Integrated permits**

6. The following permits will be issued as integrated permits in terms of section 92 of the Act and these regulations—

- (a) a permit issued in terms of another chapter of the Act that has the effect of controlling a restricted activity involving an alien or listed invasive species;
- (b) a permit issued by a provincial department or organ of state in terms of provincial legislation to undertake an activity that also constitutes a restricted activity involving an alien or listed invasive species;
- (c) a permit issued by the Department of Agriculture in terms of the Agricultural Pests Act, the Plant Improvement Act, the Varieties Control Act, the Genetically Modified Organisms Act, the Animal Improvement Act or the Veterinary Health Act to import an alien or listed invasive species;
- (d) a permit issued by the Department of Agriculture in terms of Regulation 15 of the Conservation of Agricultural Resources 1983, (Act No 43 of 1983) to undertake an activity that also constitutes a restricted activity involving an alien or listed invasive species; and

- (e) a water use permit issued by the Department of Water Affairs in terms of section 20 of the National Water Act in order to undertake an activity that also constitutes a restricted activity involving an alien or listed invasive species; and
- (f) a permit issued in terms of the Marine Living Resources Act 1998 (Act No. 18 of 1998).

### CHAPTER 3 NATIONAL FRAMEWORK DOCUMENTS

#### **National strategy for alien and listed invasive species**

7. (1) The Department must prepare a national strategy for preventing, eradicating or controlling alien and listed invasive species within three years of the publication of these regulations.
- (2) When preparing a national strategy, the Department must have regard to the contents of the following planning instruments—
- (a) the national biodiversity framework;
  - (b) relevant bioregional plans; and
  - (c) any other relevant national strategy developed by another department
- (3) A national strategy must—
- (a) identify different taxa of alien and listed invasive species requiring invasive species management programmes for prevention, eradication or control;
  - (b) provide a framework for the prevention, eradication or control of alien and listed invasive species within each of the different taxa and within each of the functional areas for which an issuing or competent authority has been designated;
  - (c) provide a framework for an integrated and co-ordinated approach between different organs of state seeking to prevent, eradicate or control alien and listed invasive species of different taxa;
  - (d) using the best available scientific advice, identify species within the different taxa that need to be prioritised for prevention, eradication or control;

- (e) identify areas that should be prioritised for the adoption of control measures; recommend management programmes to be implemented to facilitate the prevention, eradication or control of species that have been prioritised in terms of subregulation (d) and the adoption of control measures in areas prioritised in terms of subregulation (e);
- (f) identify measures to rehabilitate areas that have been invaded; and
- (g) recommend schemes and financial provisions that need to be adopted to ensure the implementation of the national strategy.

(4) The Department must review and amend the national strategy at least every five years.

#### **Invasive species management programmes**

8. (1) Within twelve months of the adoption or amendment of the national strategy in terms of regulation 7, the Department must develop an invasive species management programme for each species identified in regulation 7(3)(d).

(2) Notwithstanding the provisions of subregulation (1) any competent authority may at any time prepare and publish an invasive species management programme for a species to be eradicated or controlled.

(3) An invasive species management programme prepared and published in terms of subregulation (2), must not conflict with a programme prepared and published in terms of subregulation (1).

- (4) An invasive species management programme must set out—
- (a) the alien or listed invasive species to which it relates;
  - (b) the control measures to eradicate or control the alien or listed invasive species specified in subregulation (a);
  - (c) the areas in which the control measures set out in terms of subregulation (b) are to be applied; and
  - (c) any schemes to fund the control measures.

(5) An invasive species management programme may provide that the owner of any land regulated by the management programme who has not complied with the provisions of the management programme, may not—

- (a) sell, transfer or donate the land regulated by the management programme;
- (b) receive support in terms of a state-funded scheme or other state-supported programme to ensure the sustainable use of natural resources; or
- (c) receive an exemption or rebate on municipal rates, or a grant in aid to encourage sound land management.

**Invasive species monitoring, control and eradication plans**

9. (1) The Institute must—

- (a) within three years of the date on which these regulations come into effect, develop and publish on its website guidelines for the preparation of an invasive species control plan referred to in subregulation (2) and (3); and
- (b) every five years, review and, if necessary, amend the guidelines prepared in terms of subregulation (a).

(2) Every organ of state and every management authority of a protected area must prepare a plan for the monitoring, control and eradication of invasive species in terms of section 76(2)(a) of the Act.

(3) A competent authority may require a land owner to prepare a plan for the monitoring, control and eradication of invasive species occurring on their land.

(4) An invasive species control plan prepared in terms of subregulation (2) or (3) must—

- (a) comply with—
  - (i) the guidelines published in terms of subregulation (1);
  - (ii) the national biodiversity framework published in terms of section 38(2) of the Act;
  - (iii) the norms and standards determined in terms of section 9 of the Act; and

- (iv) the national strategy in terms of subregulation (7);
- (b) take account of any plan prepared by any other organ of state or management authority of a protected area in terms of any other legislation to prevent, eradicate or control alien or invasive species within the area under its jurisdiction, including—
  - (i) an environmental implementation or environmental management plan of a national or provincial organ of state prepared in terms of Chapter 3 of the National Environmental Management Act, 1998 (Act No 107 of 1998);
  - (ii) a catchment management plan prepared in terms of the National Water Act;
  - (iii) a disaster management plan prepared in terms of the National Disaster Management Act;
- (c) have separate sections dealing with marine species, plants, vertebrates, invertebrates and microbes;
- (d) include the following information—
  - (i) the area of jurisdiction of the organ of state or management authority;
  - (ii) the land within the area of jurisdiction to which the plan or strategy relates;
  - (iii) a detailed list and description of any prohibited species or restricted species prioritized for prevention in the national strategy occurring on that land;
  - (iv) a description of the parts of that land that are infested with such prohibited or restricted species;
  - (v) an assessment of the extent of such infestation;
  - (vi) the prioritization for control of the different areas of the land that are infested;
  - (vii) the prioritization for control of the different species occurring on the land;
  - (viii) the current and proposed measures to monitor, control and eradicate such prohibited or restricted species;
  - (ix) the rehabilitation measures to be adopted; and
  - (x) an estimate of the costs of implementing the measures;
- (e) contain an annexure with the following information—
  - (i) the proposed timetable for implementing the measures detailed in the invasive species control plan; and

- (ii) measurable indicators of progress and success with implementing the measures; and
  - (f) contain a record of all research into any aspect of the invasiveness of an alien or listed invasive species or the prevention, eradication or control of such invasiveness being undertaken on behalf of the organ of state or management authority.
- (5) The information contained in paragraph (e) of subregulation (4) must be captured in a representative manner on topographical maps or aerial photographs of the land.
- (6) An invasive species control plan referred to in subregulation (2) must be prepared within one year of the publication of the guidelines referred to in subregulation (1).
- (7) A copy of the invasive species control plan referred to in subregulation (2) or (3) and the maps or aerial photographs referred to in subregulation (5) must be lodged—
  - (a) in the case of a municipality, with the provincial conservation authority; and
  - (b) in the case of any other organ of state or management authority, with the Department.
- (8) A body receiving an invasive species control plan or amendment to such a plan in terms of subregulation (7) must—
  - (a) within six months of receiving the plan or amendment to the plan, assess the plan or amendment;
  - (b) request such further information as it considers necessary;
  - (c) if the plan or any amendment to the plan does not meet the requirements of the Act or Regulations, amend or refer the plan back to the organ of state or management authority submitting the plan with recommendations for its modification;
  - (d) report to the Minister on any matters detailed in the plan requiring intervention; and
  - (e) lodge a copy of the plan with—
    - (i) the Institute; and
    - (ii) any issuing or competent authority that may have jurisdiction over any aspect of the implementation of the plan.

(9) The organ of state or management authority preparing a plan in terms of subregulation (2) must—

- (a) implement the plan;
- (b) no later than every five years review the plan and the progress with its implementation; and
- (c) following on from the review, submit to the provincial conservation authority or the Department, as the case may be—
  - (i) a report on progress with the implementation of the plan; and
  - (ii) any amendments to the plan.

#### **National register of alien and listed invasive species and control plans**

**10.** (1) The Institute must establish and maintain a national register of—

- (a) all invasive species control plans submitted to it in terms of regulation 9;
- (b) the following species—
  - (i) all newly introduced alien species;
  - (ii) all exempted species that have been subjected to a risk assessment in terms of regulation 35;
  - (iii) all alien and listed invasive species in relation to which a permit has been issued in terms of regulations 27, 28, 29,30 and 31 in respect of each species, whether the permit has been issued subject to conditions; and
  - (iv) any species that is being investigated in terms of regulation 33 as species with invasive potential;
- (c) all areas demarcated in terms of regulation 30;
- (d) all research being undertaken into any aspect of the invasiveness of an alien or listed invasive species or the prevention, eradication or control of such invasiveness.

(2) Any person wanting to ensure that information is included in the register in terms subregulation (1) may submit it to the Institute in writing with a request that it be incorporated.

#### **Invasive species research**

11. (1) A report on any research into any aspect of the invasiveness of an alien or listed invasive species or the prevention, eradication or control of such invasiveness must be lodged with the Institute by—

- (a) any organ of state or organisation conducting or funding such research; or
- (b) any person in the Republic conducting such research where the research is wholly or partially funded by an organ of state.

(2) A report in terms of subregulation (1) must—

- (a) be lodged prior to commencing the research;
- (b) be 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) A copy of any findings of research referred to in subregulation (1) must, upon completion, be lodged with the Institute, both electronically and in writing.

#### **National status reports**

12. (1) The Institute must, in terms of section 11(1)(a)(i) and (iii) of the Act, submit a report on the status of all alien and listed invasive species to the Minister within three years after promulgation of these regulations and every two years thereafter.

(2) A status report referred to in subregulation (1) must—

- (a) contain an assessment of the national strategy and its effectiveness;
- (b) contain a summary and assessment of—
  - (i) permits issued for restricted species;
  - (ii) notifications received from owners of land regarding restricted species occurring on that land;
  - (iii) invasive species control plans received from organs of state and management authorities of protected areas; and



- (iv) directives involving alien and listed invasive species issued by competent authorities;
- (c) identify—
  - (i) prohibited or restricted species that need to be prioritized for prevention, eradication or control;
  - (ii) prohibited or restricted species that require invasive species management programmes;
  - (iii) geographic areas that need to be prioritized for management interventions;
  - (iv) species that are exhibiting invasive potential; and
- (d) recommend—
  - (i) invasive species management programmes that need to be implemented to facilitate the prevention, eradication or control of prohibited or restricted species in areas identified in subregulation (b);
  - (ii) identify measures to rehabilitate invaded areas; and
  - (iii) recommend amendments or additions to the lists published in terms of the Notice.

#### **Publication of national framework documents**

13. The national strategy, invasive species management programmes, invasive species control plans, the national register and the national status reports must be published electronically on the website of the Department.

### **CHAPTER 4**

#### **REGISTERS, REPORTING & GENERAL DUTIES**

##### **Register of permits**

14. (1) An issuing authority must—
- (a) establish a register of all permits issued by that authority in terms of these regulations;
  - (b) assign a distinct number to each permit issued;
  - (c) record in the register—
    - (i) the number assigned to each permit;

- (ii) the scientific and common name of the species for which the permit was issued;
- (iii) whether the species lawfully occurred in the Republic prior to the date on which these regulations came into effect;
- (iv) whether the species was subjected to a risk assessment in terms of regulation 35;
- (v) the restricted activity for which the permit was issued;
- (vi) any conditions under which the permit was issued;
- (vii) the date on which the permit was issued;
- (viii) the period of validity of the permit; and
- (xi) the location where the restricted activity is to be carried out.

(2) An issuing authority issuing permits for importation must establish a register of risk assessments that have been carried out in terms of regulation 35.

#### **Reporting by issuing authorities**

15. (1) An issuing authority must, on an annual basis, provide to the Department a written report containing—

- (a) a list of all permits issued by it including permit numbers;
- (b) a copy of the register established in terms of subregulation 14(1)(a);
- (c) a summary of the information recorded in terms of subregulation 14(1)(c) for each permit;
- (d) a copy of the register, if any, established in terms of subregulation 17(2);
- (e) a list of all reports received in terms of subregulation 17(6); and
- (f) a summary of the information recorded in terms of subregulation 17(7) for each report;
- (g) a record of the progress made with the implementation of any invasive species control plan referred to it in terms of regulation 9.

(2) A copy must be submitted by the issuing authority to the Institute.

**Reporting by competent authorities**

16. A competent authority must, on an annual basis, provide to the Department and the Institute, a written report recording—

- (a) a list of all notifications received in terms of subregulation **18(1)**;
- (b) a summary of the information recorded in terms of subregulation **18(2)** for each notification;
- (c) the progress made with the implementation of any invasive species control plan prepared in terms of regulation **9** and referred to it by the Department.

**Registered bodies**

17. (1) A person carrying out a restricted activity involving an alien or listed invasive species for commercial or scientific purposes must apply to an issuing authority for registration as a registered body.

(2) An application for registration in terms of subregulation (1) shall be in writing and contain-

- (a) the full names of the person making the application;
- (b) the address and contact details of the person carrying out the restricted activity;
- (c) if the person referred to in subregulation (a) is not a natural person, the full names of the person who is responsible for the restricted activities to be undertaken on behalf of that person;
- (d) the alien or listed invasive species in relation to which the applicant has previously undertaken restricted activities;
- (e) the details of all the restricted activities involving alien or listed invasive species that have been previously undertaken by the applicant;
- (f) the details of any legal body or association made up of persons carrying out restricted activities involving alien or listed invasive species of which the applicant is a member;
- (g) the details of all restricted activities involving alien or listed invasive species that the applicant intends to undertake;

- (h) the alien or listed invasive species in relation to which the applicant intends to undertake restricted activities;
  - (i) the magisterial districts in which the restricted activities are to be undertaken; and
  - (j) such other information as the issuing authority may require.
- (3) An application in terms of subregulation (1) must be accompanied by—
  - (a) written confirmation that the applicant—
    - (i) is a scientific institution funded in whole or part by the State research and that the restricted activities will be carried out for the purposes of scientific research; or
    - (ii) will carry out the restricted activity for commercial purposes.
  - (b) written confirmation from the body referred to in subregulation (2)(f) that the restricted activities previously undertaken by the applicant have been in accordance with the provisions of the Act and regulations and national norms and standards, if any; and
  - (c) the applicable processing fee as set out in Addendum 3.
- (4) An issuing authority receiving an application in terms of subregulation (1) must—
  - (a) assess the application taking into account whether—
    - (i) restricted activities involving alien or listed invasive species to be undertaken by the applicant are for scientific or commercial purposes;
    - (ii) restricted activities involving alien or listed invasive species to be undertaken by the applicant are in accordance with the provisions of the Act and regulations and national norms and standards, if any;
    - (iii) the applicant is a member in good standing of a national body or association made up of other persons undertaking similar restricted activities involving alien or listed invasive species; and
    - (iv) the objectives of the Act will be better served by the registration of the Applicant;
  - (b) if appropriate, issue a certificate

(5) A certificate issued in terms of subregulation (4) shall remain valid for a period of three years or such lesser period as is specified in the certificate.

(6) A registered body must annually submit a report to the issuing authority.

(7) A report in terms of subregulation (6) must—

(a) be in writing; and

(b) contain—

(i) the full names, address and contact details of the person submitting the report;

(ii) the full names, address and contact details of the registered body;

(iii) the restricted activities involving an alien or listed invasive species undertaken by it;

(iv) the alien or listed invasive species in relation to which the restricted activities were undertaken;

(v) the number of specimens of each alien or listed invasive species in relation to which the restricted activities were undertaken;

(vi) the magisterial districts in which the restricted activities were undertaken.

(8) An issuing authority receiving a report in terms of subregulation (1) must capture the information provided in subregulation (2).

### **Mandatory notification**

18. (1) A person who is the owner of land on which occurs a specimen of a prohibited alien species, or a listed invasive species in respect of which a permit to undertake a restricted activity has not been issued, must notify the relevant competent authority, in writing, of the species occurring on that land.

(2) A notification in terms of subregulation (1) must—

(a) be in the form set out in Addendum 2; and

(b) contain—

- (i) the full names of the owner of the land;
- (ii) the address and contact details of the owner of the land;
- (iii) the name and contact details of the person in control of the land;
- (iv) the cadastral description or the title deed number of the land;
- (v) the prohibited or restricted species occurring on the land;
- (vi) the extent of the infestation and densities of the prohibited or restricted species occurring on the land or, if accepted by the competent authority, a detailed description;
- (vii) a map of the land indicating the location of the prohibited or restricted species on the land;
- (viii) a description of measures adopted to monitor, control and eradicate such prohibited or restricted species; and
- (ix) measurable indicators of progress and indications of when control measures are likely to be completed.

- (3) A competent authority receiving a notification in terms of subregulation (1) must capture the information provided in subregulation (2).

#### **General duty of care of issuing and competent authorities**

**19.** When exercising any power or performing any duty under the Act or these Regulations an issuing authority or competent authority must—

- (a) have regard to—
  - (i) the national strategy;
  - (ii) any invasive species management programme; and
  - (ii) any control plan approved in terms of regulation 9;
- (b) exercise such power or perform such duty subject to the overall coordination of the Department.

**General duty of MECs**

20. The MEC for environmental affairs in a province wishing to control or manage an alien or listed invasive species in a manner that differs from that set out in these regulations may only do so after consultation with the Minister.

**CHAPTER 5  
RESTRICTIONS****Categories of alien and listed invasive species**

21. (1) Alien and listed invasive species consist of the following categories of species—
- (a) exempted species being alien species listed in List 1 of the Notice;
  - (b) prohibited alien species being species listed in List 2 of the Notice; and
  - (c) listed invasive species being invasive species listed in List 3 of the Notice as—
    - (i) species requiring compulsory control (1a.);
    - (ii) invasive species controlled by an invasive species management programme (1b)
    - (iii) invasive species controlled by area (2);
    - (iv) invasive species controlled by activity (3);
- (2) A species may be listed in different categories in different parts of the country.

**Restricted activities**

22. (1) In addition to those activities defined as restricted activities in the Act, the following activities are prescribed as restricted activities—
- (a) allowing any specimen of an alien or listed invasive species to grow, breed or multiply;
  - (b) allowing the movement or spread of a specimen of an alien or listed invasive species; and
  - (c) releasing a specimen of an alien or listed invasive species.

**Prescribed activities**

23. A person may not undertake the following activities:

- (a) importing into the Republic, including introducing from the sea, any wooden packaging materials that does not comply with any determination made in terms of the Agricultural Pests Act, 1983 (Act No. 36 of 1983);
- (b) importing into the Republic, including introducing from the sea, any peat or peat products without a permit;
- (c) managing or discharging ballast water from ships in contravention of prevailing IOC standards;
- (d) discharging or disposing into a waterway or the ocean, water from an aquarium, tank or other receptacle that has been used to keep a prohibited species or listed invasive species without a permit.

**General restriction on importation**

24. (1) A person may not import into the Republic a specimen of any species, including an exempted species, unless authorised to do so by a permit.

(2) A person may not release a specimen of a new alien species imported into the Republic in terms of subregulation (1) unless authorised to do so by a permit.

(3) An application for the importation of a specimen of a species into the Republic shall require the written consent of the Head of Department of the province to which the specimen is to be transported or in which it is to be released.

**Exempted Species**

25. (1) A person may, without a permit, undertake any restricted activity involving a specimen of an exempted species.

(2) Notwithstanding the provisions of subregulation (1) a person—

- (a) intending to import an exempted species into the Republic may only do so if authorised by a permit issued in terms of Regulation 24;



(b) intending to carry out a restricted activity involving a specimen of an exempted species is required to obtain any permits that may be required in terms of other legislation.

#### **Prohibited alien species**

26. A person may not import nor undertake any other restricted activity involving a specimen of a prohibited alien species;

#### **Invasive species requiring Compulsory Control**

27. (1) A person may not, without a permit, undertake any of the following restricted activity involving a specimen of a species listed in List 3 as an invasive species requiring compulsory control—

- (a) importing a specimen into the Republic, including introducing it from the sea;
- (b) possessing or exercising physical control over a specimen;
- (c) growing a specimen, or allowing it to grow, breed or multiply;
- (d) breeding or in any other way propagating a specimen or causing it to multiply;
- (e) conveying, moving or otherwise translocating a specimen;
- (f) selling or otherwise trading in, giving, donating or disposing of a specimen;
- (g) buying, receiving, accepting as a gift, or in any way acquiring a specimen; or
- (i) conducting any other activity prescribed in regulation 23 or 24 involving a specimen.

(2) A person who has under his or her control a specimen of an invasive species requiring compulsory control in respect of which a permit has not been issued must notify a competent authority in writing of this occurrence, in accordance with Addendum 1.

**Invasive species controlled by invasive species management programme**

28. (1) No person may undertake the following restricted activity involving a specimen of species listed in List 3 as an invasive species controlled by invasive species management programme—

- (a) importing a specimen into the Republic, including introducing it from the sea;
- (b) breeding or in any other way propagating a specimen or causing it to multiply;
- (c) conveying, moving or otherwise translocating a specimen;
- (d) allowing the movement or spread of a specimen from an area under their control;
- (e) selling or otherwise trading in, giving, donating or disposing of a specimen;
- (f) buying, receiving, accepting as a gift, or in any way acquiring a specimen;
- (g) conducting any other activity prescribed in regulation 22 or 24 involving a specimen.

(2) Where an invasive species management programme requiring the control of the species has been adopted in terms of regulation 8, no person may, without a permit, possess or have in their possession or under their control a specimen of an invasive species controlled by invasive species management programme, where the control programme makes specific provision for control of that listed invasive species in that area, or where a directive has been issued.

(3) Notwithstanding the provisions of subregulations (1) and (2) a person may with a permit undertake a restricted activity listed in subregulations (1) or (2) if—

- (a) the restricted activity is expressly authorised in terms of the invasive species management programme; or

- (b) the restricted activity has as its objective the eradication of the specimen of the species involved.

#### **Invasive species controlled by area**

**29.** (1) No person may, without a demarcation permit, undertake any of the following restricted activities involving a specimen of a species listed in List 3, published in terms of section 70 of the Act, as an invasive species controlled by area—

- (a) importing a specimen into the Republic, including introducing it from the sea;
- (b) possessing or exercising physical control over a specimen;
- (c) growing a specimen, or allowing it to grow or multiply;
- (d) breeding or in any other way propagating a specimen or causing it to multiply;
- (e) conveying, moving or otherwise translocating a specimen;
- (f) selling or otherwise trading in, giving, donating or disposing of a specimen;
- (g) buying, receiving, accepting as a gift, or in any way acquiring a specimen;
- (h) allowing a specimen to grow, breed or multiply; or
- (i) conducting any other activity prescribed in regulation **23** or **24** involving a specimen.

(2) A permit issued in terms of subregulation (1)—

- (a) must stipulate the area in which the restricted activity may be carried out; and
- (a) may relate to a single specimen or to multiple specimens of the same species.

(3) A person may, without a permit, carry out a restricted activity referred to in subregulation (1) in—

- (a) that part of the Republic indicated on the map as the distribution range of the species; or
- (b) an area demarcated for that purpose in terms of regulation **30**.

(4) The Director-General must publish maps referred to in subregulation (3) within 12 months of the coming into effect of these regulations.

(5) Until such time that the maps are published in terms of subregulation 4, regulation 27 applies to fish species listed in list 3 and published in terms of section 70 of the Act.

(6) Until such time that the maps are published in terms of subregulation 4, these regulations will not regulate the indigenous mammalian species listed in list 3 and published in terms of section 70 of the Act.

(7) Notwithstanding the provisions of subregulations (1) and (3) no person may undertake a restricted activity involving an invasive plant species managed by area within the riparian zone.

### **Demarcation of areas**

**30.** (1) Any person or organ of state may apply to an issuing authority to demarcate an area as an area in which it is possible to undertake a restricted activity involving a species controlled by area without a permit.

(2) An application in terms of subregulation (1) must—

- (a) be in writing;
- (b) record the name of the applicant;
- (c) state the area where the restricted activity is to be carried out;
- (d) set out the measures that will be adopted to manage restricted activities involving the species undertaken within that demarcated area by persons other than the applicant.

(3) The information contained in subregulation (2)(c), must be captured in a representative manner on topographical maps or aerial photographs of the land.

(4) An issuing authority receiving an application in terms of subregulation (1) must subject the application to risk assessment.

(5) A demarcation in terms of sub-regulation (1)—

- (a) may relate to a single specimen or to multiple specimens of the same species; and

(b) must stipulate the restricted activities involving a listed invasive species that may take place within the demarcated area without a permit.

(6) The applicant must, within the area demarcated in terms of subregulation (1), monitor compliance with the conditions of such demarcation by all persons carrying out a restricted activity in that area involving a specimen of a species to which the demarcation relates.

(7) The applicant must report to the issuing authority all instances of non-compliance in terms of sub-regulation (6).

**Invasive species controlled by activity**

31. (1) No person may, without a permit, undertake the following restricted activities involving a specimen of species listed in List 3 as a species controlled by activity—

- (a) importing a specimen into the Republic, including introducing it from the sea;
- (b) possessing or exercising physical control over a specimen;
- (c) growing a specimen, or allowing it to multiply;
- (d) breeding or in any other way propagating a specimen or causing it to multiply;
- (e) conveying, moving or otherwise translocating a specimen;
- (f) selling or otherwise trading in, giving, donating or disposing of a specimen;
- (g) buying, receiving, accepting as a gift, or in any way acquiring a specimen;
- (i) conducting any other activity prescribed in regulation 22 or 24 involving a specimen; or

(2) A permit in terms of subregulation (1) may only be issued for a purpose identified in Column 4 of the list as the purpose for which a permit relating to that species may be issued.

(3) A permit to sell or otherwise trade in a specimen of a species controlled by activity may only be issued to a registered body in terms of regulation 17.

(4) No person may, without a permit, possess, exercise physical control over or allow a specimen of a species controlled by activity to grow if a competent authority has directed otherwise.

(5) Notwithstanding the provisions of subregulation (1), no person may undertake a restricted activity involving a plant species listed as a species managed by activity within the riparian zone.

#### **Limitation on permits to sell or trade in a listed invasive species**

32. Notwithstanding the provisions of regulations 27, 28, 29 or 31 a permit to sell or trade in a listed invasive species may only be issued to a person registered as a registered body in terms of Regulation 17.

#### **Species with invasive potential**

33. (1) The Department and the Institute may from time to time identify a species that-

- (a) is already in South Africa; and
- (b) is, or may become, invasive.

(2) A species identified in terms of subregulation (1) must be subjected to an initial risk assessment by the Department;

(3) An initial risk assessment in terms of subregulation (2) must determine whether that species has—

- (a) a known propensity to invade in other parts of the world with similar geophysical conditions to parts of South Africa;
- (b) a scientific record of invasive tendencies in the Republic, or
- (c) any other property that may make it invasive.

(4) Should an initial risk assessment in terms of subregulation (2) indicate that the species has invasive potential, the Department must undertake a comprehensive assessment to determine whether the species should be listed as a prohibited or restricted species in terms of the Act.

**Duty of disclosures and invasive species control certificate**

34. (1) A person disposing of immovable property is obliged to disclose to the person acquiring the property whether—

- (a) there occurs on the property any prohibited alien or prohibited invasive species or any invasive species controlled by programme; and
- (b) any directive has been issued against the owner in terms of these regulations.

(2) A person acquiring ownership of an immovable property may at any time prior to transfer of the property require the person disposing of the property to furnish a certificate from a competent authority that, in relation to the property, the owner complies with the Act and Regulations.

**CHAPTER 6****RISK ASSESSMENT****Activities requiring risk assessment**

35. (1) A risk assessment must be undertaken prior to—
- (a) carrying out of an activity prescribed in terms of regulation 23;
  - (b) importing into the Republic a specimen of any species in terms of regulation 24;
  - (c) demarcating an area in terms of regulation 30; and
  - (d) issuing of a permit to undertake any other restricted activity involving a specimen of a listed invasive species.
- (2) If so required by the Minister or an issuing authority, a risk assessment must be undertaken prior to carrying out an activity involving an exempted species.

**General risk assessment requirements**

36. A risk assessment in terms of regulation 35 must—
- (a) consist of the following;
    - (i) an initial risk assessment; and
    - (ii) if the initial risk assessment does not clearly demonstrate that there would be no significant risk of invasion by the species to which the application relates, a comprehensive risk assessment;

- (b) be undertaken in accordance with the framework set out in Addendum 4

#### **Risk assessment for import permits**

**37.** (1) A risk assessment in terms of regulation **35(1)(b)** must consider—

(a) in the case of a new alien species or exempted or listed invasive species introduced into the Republic less than 5 years before these regulations come into effect—

- (i) the risks and potential impacts directly attributable to the species to which the application relates;
- (ii) the risks of the specimen serving as a vector through which specimens of other alien species may be introduced into the Republic and the risks and potential impacts of the other alien species; and
- (iii) 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 the risks and potential impacts by the other alien species.

(b) in the case of an exempted species or listed invasive species introduced into the Republic more than 5 years before these regulations come into effect-

- (i) the risks referred to in subregulations (a)(ii), and (a)(iii); and,
- (ii) if so required by the issuing authority, the risks referred to in subregulation (a)(i).

(2) Notwithstanding the provisions of subregulation (1)(a), for a period of one year after the date upon which these Regulations come into effect, an issuing authority may not require a risk assessment in terms of subregulation (1)(a)(iii) for a specimen of an exempted alien or listed invasive species that was legally introduced into the Republic in the period of five years immediately preceding the commencement of these Regulations.

#### **Risk assessment framework**

**38.** (1) The Institute must, within one year of the date on which these regulations come into effect, develop and publish on its website, guidelines for the carrying out of a risk assessment.

(2) Pending the publication of guidelines prepared in terms of subregulation.



(1) a risk assessment must consider-

- (a) information regarding the relevant species, including-
    - (i) the taxonomy of the species, including the class, order, family, scientific name, 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; and
    - (vi) nutritional or dietary requirements of the species and, where applicable, whether it enjoys a specialist or generalist diet; 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.
  - (d) any other information that the issuing authority may determine.
- (3) 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 undertaken or elsewhere in the Republic; and

- (b) the probable 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 undertaken; and
    - (ii) 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 to manage the risks.
- (4) Based on the information in subregulation (1), (2) and (3), 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 or eradication of the species to minimize harm to biodiversity;
  - (d) options for minimizing the potential risks; and
  - (e) management of the potential risks.

(5) Notwithstanding the provisions of subregulation (1), 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 a exempted or listed invasive species introduced into the Republic or the province more than five years prior to the date upon which these regulations come into effect, need only consider the matters set out in subregulation (2)(d), (e) and (f) and (3).

#### **Risk assessment facilitator**

39. (1) Unless otherwise determined by the issuing authority, a risk assessment must be undertaken by-

- (a) the issuing authority; or
- (b) if so directed the issuing authority, an environmental assessment practitioner designated by the issuing authority;

(2) An environmental assessment practitioner referred to in subregulation (b) must-

- (a) be independent;
- (b) have knowledge of the Act, the Regulations and any guidelines that have relevance to the proposed application; and
- (c) have expertise in conducting risk assessments.

(3) The applicant must, in the case of a risk assessment to be undertaken by an environmental assessment practitioner, take all reasonable steps to verify whether the environmental assessment practitioner to be appointed complies with subregulation (2).

#### **Risk assessment costs**

40. (1) A risk assessment must be at the cost of the applicant who shall pay the fees set out in Addendum 4.

(2) If requested by the applicant, the issuing authority must provide the applicant with an estimate of the cost of a risk assessment.

(3) The applicant may withdraw the application at any stage to avoid further costs.

#### **Risk assessment procedure**

41. (1) A risk assessment must be undertaken in accordance with-

- (a) the guidelines contained in regulation 38; and
- (b) the framework contained in Addendum 4.

(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 favorable to the applicant.

#### **Risk assessment report**

42. (1) The person carrying out the risk assessment must prepare a written report detailing-
- (a) any information required in terms of subregulation (2);
  - (b) the risk of invasion as a result of the issuing of the permit;
  - (c) key economic, social and ecological considerations that will guide a decision on whether to issue a permit;
  - (d) any risk management measures that must be applied;
  - (e) a recommendation on whether or not a permit should be issued;
  - (e) any conditions that should apply if a permit is issued.

(2) A risk assessment report prepared in terms of subregulation (1) must be submitted by the issuing authority to the Department for scientific review by the Institute or other body appointed by the Department.

### **CHAPTER 7**

#### **ISSUING, AMENDMENT AND CANCELLATION OF PERMITS**

##### **Permit application requirements**

43. An application for a permit in terms of these Regulations must—
- (a) be in the form and contain the particulars set out in Addendum 2;
  - (b) be accompanied by the application fee prescribed in Addendum 3;
  - (c) be accompanied by the risk assessment report referred to in regulation 42;
  - (d) provide details of where the restricted activity is to be carried out and the manner in which the alien or listed invasive species is to be managed;
  - (e) include additional information required by the issuing authority;
  - (f) be lodged —

- (i) in duplicate with the issuing authority together with additional copies as may be required by the issuing authority;
- (ii) electronically, if required by the issuing authority; and
- (iii) with the original or certified documentation in support of the application required by the issuing authority.

#### **Decision on application**

**44.** (1) On receipt of an application for a permit in terms of regulation **43** the issuing authority must—

- (a) request such further information as the issuing authority may require;
- (b) where the issuing authority is a provincial authority, notify any province that may be adversely affected by the proposed activity, of the application.
- (b) consider the application; and
- (c) reach a decision.

(2) In adjudicating an application the issuing authority must have regard to—

- (a) the national strategy;
- (b) the contents of the risk assessment report prepared in terms of regulation **42**.

(3) A decision in terms of subregulation (1) must be made within 30 days of receipt of the information required in terms of subregulation (1)(a).

(4) An issuing authority must refuse an application if there is a risk that the restrict activity may result in a significant impact on biological diversity.

(5) After reaching a decision on an application, the issuing authority must—

- (a) notify the applicant of the decision, in writing;
- (b) if the application was approved, issue a permit in the name of the applicant within 14 working days; and
- (c) if requested, give reasons for the decision.

**Conditions subject to which permits may be issued**

45. (1) A permit may be issued for—
- (i) multiple restricted activities;
  - (ii) multiple specimens of a species; or
  - (iii) multiple species;

(2) Notwithstanding subregulation (1)(a) a permit for the import into the Republic, including introducing from the sea, of an alien or listed invasive species may only be valid for one consignment.

(3) A permit is issued subject to the condition that the permit may be cancelled at any stage if the issuing authority obtains information indicating that the species or the restricted activity for which the permit was issued, may be detrimental to biodiversity.

**Discretionary conditions**

46. When issuing a permit to undertake a restricted activity involving a specimen of an alien or listed invasive species the issuing authority may require the applicant to—

- (a) be responsible for any growth or spread of propagules of the specimen in the area and within a distance from the area in which the species is to be established, as determined by the issuing authority;
- (b) utilize control methods determined by the issuing authority, including the use of sterile varieties or the concurrent introduction of biological control agents; and
- (c) pay a propagule pollution charge, as determined by the issuing authority, to address any possible growth or spread of propagules of the specimen.

**Form and contents of permit application form and issued permit form**

47. (1) A permit application form shall contain the information as prescribed in Addendum 2.
- (2) A permit shall be in the form as prescribed in Addendum 5.
- (3) A permit must—
- (a) contain a sequential permit number;

- (b) be in writing;
- (c) specify-
  - (i) the person to whom it applies and their identity or registration number;
  - (ii) the species to which it relates;
  - (iii) the restricted activities for which the permit is issued;
  - (iv) the period for which the permit remains valid;
- (d) be signed by the issuing authority and certified by means of an official stamp;
- (e) contain conditions, if any.

#### **Period of validity of permits**

48. (1) A permit authorizing—
- (a) the possession of a restricted species may not exceed five years;
  - (b) the undertaking of any other restricted activity involving a restricted species may be issued for a period not exceeding twelve months.

(2) Notwithstanding the provisions of subregulation (1) a permit may be issued for a period exceeding that set out in subregulation (1) if the restricted activity will be carried out by a scientific institution.

#### **Transferability of permits**

49. A permit may not be transferred to any other person.

#### **Automatic lapsing of permits**

50. A permit shall automatically lapse if the species to which it relates is subsequently listed as a prohibited species or species controlled by programme.

#### **Cancellation or amendment of permits**

51. (1) An issuing authority which issued a permit or demarcated an area may cancel the permit or demarcation or amend the related conditions if—
- (a) the permit was issued as a result of misleading or false representations by the applicant;

- (b) the applicant or permit holder has contravened or failed to comply with –
  - (i) any condition of the permit or demarcation; or
  - (ii) any provision of the Act or other law governing the permitted activity; or
- (c) information is obtained by the issuing authority indicating that the species or the restricted activity for which the permit was issued or demarcation made is likely to have a detrimental impact on biodiversity.

- (2) A permit or demarcation may be amended by –
  - (a) removing a condition;
  - (b) changing a condition;
  - (c) adding a condition;
  - (d) updating or changing any detail on the permit or demarcation; or
  - (e) correcting a technical or editorial error on the permit or demarcation.

(3) Before canceling or amending the conditions to a permit or demarcation in terms of subregulation (1), the issuing authority must notify a permit holder in writing of their intention to do so and provide the permit holder with an opportunity to make representations as to why the permit or demarcation should not be cancelled or amended.

(4) The issuing authority must, if they decide to cancel a permit or demarcation or amend the conditions of the permit or demarcation, after consideration of any representations in terms of subsection (2), notify the permit holder in writing that —

- (a) the permit or demarcation is cancelled or that the conditions have been amended;  
and
- (b) the date upon which the cancellation or amendment becomes effective.

#### **Return of cancelled permits**

52. A permit cancelled in terms of regulation 51, must be returned to the issuing authority within 30 days of the date of cancellation.

#### **Emergency suspension of permits.**



**53.** (1) Notwithstanding the provisions of Regulation **51** the Minister or the issuing authority may suspend the operation of a permit.

(2) A suspension in terms of subregulation (1) may be effected if the Minister has reason to believe that the carrying out of the restricted activity will have seriously harmful impact on the environment or ecosystems or there is an immediate threat of the species being invasive.

(3) A suspension in terms of subregulation (1) may be effected by verbal or written notice to the permit holder or any other person engaging with the permit holder.

#### **Renewal of permits**

**54.** (1) A permit holder may apply to the issuing authority that issued the permit for the renewal of the permit.

(2) An application referred to in subregulation (1) must be—

- (a) made 60 days before the expiry of the period for which the permit was issued;
- (b) in writing; and
- (c) accompanied by —
  - (i) a written motivation setting out the reasons for the application; and
  - (ii) the applicable processing fee as set out in Addendum 3.

#### **Consideration and decision of renewal applications**

**55.** (1) On receipt of an application in terms of regulation **54**, the issuing authority—

- (a) must consider the application; and
- (b) may require the permit holder to furnish additional information.

(2) After having reached a decision on an application for renewal, the issuing authority must—

- (a) notify the permit holder of the decision, in writing;
- (b) if the application was approved, issue a new permit in the name of the permit holder;
- (c) if the application was refused, draw the permit holder's attention to the fact that an appeal may be lodged against the decision in terms of regulation **56**; and
- (d) if requested, give reasons for the decision.

**Lodging of appeals**

**56.** (1) A person aggrieved by a decision of an issuing authority to issue a permit conditionally, refuse a permit, cancel a permit or refuse to renew a permit, wishing to lodge an appeal in terms of section 94 of the Act, may do so by lodging the appeal with the—

- (a) MEC of the relevant province, if the issuing authority is the provincial department; or
- (b) Minister of the Department.

(2) An appeal referred to in subregulation (1) must—

- (a) be in writing;
- (b) set out the grounds of appeal in the form of an affidavit attested to before a Commissioner of Oaths;
- (c) be accompanied by any supporting documentation referred to in the appeal and not in the Minister or MEC's possession;
- (d) be supported by original or certified documentation; and
- (e) be accompanied by the applicable processing fee as set out in Addendum 3;
- (f) be lodged within 30 days after being notified of a decision taken by the issuing authority.

(3) The original and one copy of the appeal documents must be lodged with the Minister or MEC and one copy must be lodged with the issuing authority.

**Processing of appeals**

**57.** (1) After receipt of an appeal, the Minister or MEC must—

- (a) within 14 days acknowledge receipt of the appeal;
- (b) advise the appellant and other persons who have responded to the appeal if further information is required;
- (c) request from the issuing authority—
  - (i) reasons for the decision against which the appeal is lodged; and

- (ii) all relevant documentation in the possession of the issuing authority that was taken into account when the decision was made.

(2) Any further information that the Minister or MEC may require, must be submitted to the Minister or MEC, within 14 days of it being requested.

(3) If the Minister or MEC decides to appoint an appeal panel, the appeal and all the documentation in connection with the appeal must be submitted to that appeal panel.

#### **Appeal panels**

58. (1) If an appeal panel consists of—
- (a) two members, a decision of the panel must be unanimous; or
  - (b) more than two members, the decision of the majority of the members of the panel prevails.
- (2) An appeal panel must—
- (a) consider an appeal within 30 days of its designation for the relevant appeal in terms of the Act; and
  - (b) inform the Minister or MEC in writing of its recommendation.

#### **Decision on appeals**

59. A decision of the Minister or MEC must—
- (a) indicate the extent to which the decision being appealed against is upheld or overturned;
  - (b) give reasons for the decision; and
  - (c) be conveyed to the appellant in writing within 14 days of the decision.

#### **60. Transitional permit provisions**

(1) Any person who, immediately before the commencement of these regulations, conducted any restricted commercial activity involving a specimen of a restricted species may

continue with the restricted activity for a period of twelve months after the commencement without a permit.

(2) A person referred to in subregulation (1) must lodge with the issuing authority at least three months prior to the twelve month period an application for a permit.

(3) If an application referred to in subregulation (1) is refused, the applicant shall be afforded one further period of three months within which to reapply and obtain the necessary permit failing which the applicant must cease with the restricted activity.

## CHAPTER 8

### BIOLOGICAL CONTROL AND RESEARCH

#### Establishment of biological control reserves

61 (1) The Department may—

- (a) demarcate an area as a biological control reserve for the breeding of biological control agents;
- (b) determine the conditions that it considers necessary to secure the biological control reserves; and
- (c) notify land users of the demarcation of a reserve and the conditions relating to it.

(2) Within a demarcated biological control reserve a land user shall be obliged to comply with the conditions set out in subregulation (1)(c) and may be held liable for costs should they wilfully hinder the management of a biological reserve.

#### Research and biological control exemptions

62. (1) Notwithstanding the provisions of regulations 23, 26, 27, 28, 29 or 31 an issuing authority may issue a permit to carry out a restricted activity involving a specimen of a prohibited or listed invasive species or to undertake a prescribed activity if—

- (a) the applicant is a scientific institution; and
- (b) the specimen—
  - (i) will be used for research;

- (ii) forms part of a preliminary study into biological control methods or forms part of an effective biological control programme; or
  - (c) the restricted activity forms part of a national initiative to eradicate the species.
- (2) When issuing a permit in terms of regulation (1)(b) the issuing authority must determine—
  - (a) restrictions and conditions, including quarantine conditions, for the importation of a specimen; and
  - (b) mechanisms for ensuring compliance with conditions for the prevention of escape by specimens.
- (3) When issuing a permit in terms of subregulation (1)(b)(ii) the issuing authority must—
  - (a) determine restrictions and conditions, including quarantine conditions, for the importation, the release into the wild of a specimen and mechanisms for ensuring compliance with conditions relating to the introduction, research and release of specimens;
  - (b) apply and comply with the standards as set up by the International Standards For Phytosanitary Measures ISPM No. 3 (*Guidelines For The Export, Shipment, Import And Release Of Biological Control Agents And Other Beneficial Organisms*) of the International Plant Protection Organization, to which South Africa is a signatory, relating to the import and release of biological control;
  - (c) ensure compliance with the technical advice to the Registrar of Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies in terms of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947), where biological control agents are used inadvertently as bio-pesticides for commercial use; and
  - (d) determine mechanisms to ensure compliance with conditions for the prevention of escape by specimens and procedures to be followed in the event of an escape.

## CHAPTER 9

### COMPLIANCE AND ENFORCEMENT

**Invasive Species control measures**

63. (1) A competent authority may, by notice, initiate measures to control a prohibited or listed invasive species.
- (2) The notice referred to in sub-regulation (1) must—
- (a) be in writing;
  - (b) identify the invasive species to which it relates; and
  - (c) identify the area to which it relates.
- (3) The notice referred to in sub-regulation (1) may—
- (a) identify the measures to be adopted to prevent, control or eradicate the identified invasive species;
  - (b) stipulate time periods by when the measures must be implemented;
  - (c) be binding on a person or group of persons;
  - (d) indicate the financial or other assistance, if any, to be provided by the State to implement the measures.
- (4) A notice issued in terms of sub-regulation (1) may be given by—
- (a) delivering it to the person or group of persons or to their authorised representative;
  - (b) delivering it to the person in control of the area in which the programme is to be implemented;
  - (c) in the case of a juristic person, delivering it to the registered office of the juristic person;
  - (d) forwarding it by registered post to the person or group of persons;
  - (e) publication in one newspaper circulating in the area in which the measures are to be implemented; or
  - (f) publication in the *Gazette*.

**Inspection**

64. (1) Any person authorised in writing by a competent authority may enter any land for the purpose of inspecting it.
- (2) A competent authority may—

- (a) require the owner of land to lodge with the competent authority a management plan to control specified listed invasive alien species on the land user's land;
- (b) require the land user to pay the costs of the inspection by the authorized person;
- (c) issue an Invasive Alien Species Control Certificate indicating that the land user has applied the necessary controls over the specified listed invasive alien species on his or her land.

### **Emergency interventions**

65. (1) A designated competent authority may declare an emergency intervention with respect to the control or eradication of an alien or invasive species, where—
- (a) the species is an emerging invasive alien species and the designated competent authority considers it necessary to have a rapid response to the potential invasion;
  - (b) the disaster management or other risks associated with the alien or listed invasive alien species is considered to pose a sufficiently significant risk to the environment, agricultural productivity, water security, human health or the economy; or
  - (c) the early detection and rapid response to an alien or invasive alien species is considered likely to result in sufficiently significant financial savings.
- (2) The designated competent authority may verbally or in writing direct any land-owner to comply with the requirements of the provisions of the emergency intervention.
- (3) A verbal directive in terms of sub-regulation (2) must be confirmed in writing within 21 days, failing which it is considered withdrawn.
- (4) The designated competent authority or an organ of state must provide assistance in the control or eradication of the alien or invasive alien species in terms of the emergency intervention.

- (5) The designated competent authority must report the declaration of an emergency intervention within one working day to the Department.
- (6) If—
  - (a) the responsible person fails to comply, or inadequately complies, with a directive issued in terms of sub-regulation (2); or
  - (b) it is not possible to give the directive to the responsible person timeously;the competent authority may take the measures it considers necessary to—
  - (i) contain and minimise the effects of the alien or invasive alien species specified in the emergency intervention;
  - (ii) undertake any control or eradication procedures considered necessary; and
  - (iii) undertake any rehabilitation interventions considered necessary.
- (7) The competent authority may recover all reasonable costs incurred by it from every responsible person jointly and severally.
- (8) The costs to be recovered under sub-regulation (7) may include labour, administration and overhead costs.

**Planning permission on invaded land**

66. An organ of state considering any application for the approval of plans, subdivision, rezoning or other development of a property, or exercising any power in relation to land may withhold a decision on or refuse the application until the applicant has lodged with the organ of state a certificate from a competent authority confirming that the applicant has complied with the Act and regulations taken the required steps to control or eradicate prohibited or restricted species occurring on that land.

**Requests for directives**

67. (1) A competent authority may of its own accord or at the request of any person issue a directive.



if –

- (a) a person carries out a restricted activity involving an alien species or a listed invasive species without a permit in contravention of the Act and regulations;
- (b) a person authorized by a permit to carry out a restricted activity involving an alien species or a listed invasive species does not comply to the conditions of the permit;  
or
- (c) a person, who is the owner of land on which listed invasive species occur, in contravention of the Act and Regulations, fails to -
  - (i) notify the competent authority of the listed invasive species occurring on that land;
  - (ii) take steps to control and eradicate the listed invasive species or prevent it from spreading; and
  - (iii) take all the required steps to prevent or minimize harm to biodiversity.

(2) A request to issue a directive in terms of subregulation (1) must be in the format set out in Addendum 7.

(3) A request to issue a directive in terms of subregulation (2) must contain the following information—

- (a) The full names of the person making the request;
- (b) the address and contact telephone number of the person making the request;
- (c) the name of the person who owns or is in control of the area to which the request relates;
- (d) the contact details of the person who owns or is in control of the area to which the request relates;
- (e) a detailed description of the area to which the request relates including, where the request relates to land, the cadastral description of the property;
- (f) a description of the listed invasive species to which the request relates; and
- (g) details of all steps taken by the person making the request to address the problem with the person who owns or is in control of the area to which the request relates (if applicable).

- (4) A competent authority may waive any of the requirements of subregulation (3).

#### **Format of directives**

**68.** A directive issued by a competent authority in terms of section 69(2) or 73(3) of the Act—

- (a) must be issued to a person;
- (b) must contain the following information—
  - (i) The name, or identities of the persons to whom it is directed;
  - (ii) the area to which the directive applies;
  - (iii) the scientific and common names of the alien or listed invasive species to which the directive relates;
  - (iv) the restricted activity to which the directive relates;
  - (v) the measures to be adopted to ensure compliance with the Act;
  - (vi) the date by when the measures must be adopted;
  - (vii) the full names and designation of the official representing the competent authority;
  - (viii) the date of issue of the directive; and
  - (ix) any other information or requirements considered necessary for the proper application of these Regulations;
- (c) may indicate the manner in which the listed invasive species are to be controlled and the period within which the measures to control the listed invasive species must be implemented;
- (d) must state that it is a criminal offence not to comply with the directive; and
- (e) must be in the format set out in Addendum 7.

#### **Service of directives**

**69.** (1) A directive issued in terms of section 69(2) or 73(3) of the Act may be served on a person by—

- (a) delivering it to the person or to his or her authorized representative;
- (b) delivering it to the person in control of the area to which the directive applies;
- (c) in the case of a juristic person, delivering it to the registered office of the juristic person; or

- (d) forwarding it by registered post to the person.
- (2) When a directive is served—
  - (a) in terms of subregulation (1)(a), (b), (c) or (d) the person by whom it was delivered must after delivery thereof, record in writing the manner in which, the person to whom, the place at which and the date on and approximate time at which the directive concerned was thus delivered; and
  - (b) a copy of the directive must be made available to the issuing authority.
- (3) If a directive has been served—
  - (a) in terms of subregulation (1)(d), the competent authority must obtain and retain as evidence, proof of posting; and
  - (b) in terms of subregulation (1)(a), (b), (c) or (d), the competent authority must retain the copy of the directive as evidence of the service thereof.
- (4) The documentation referred to in subregulation (3) is proof of service in any legal proceedings relating to that directive.

### **Monitoring of compliance**

70. (1) A competent authority may—
- (a) at the time of issuing a directive identify—
    - (i) the steps that the competent authority will take to monitor compliance with the directive and the provisions of the Act; and
    - (ii) the dates upon which such steps will be taken.
  - (b) on the dates referred to in subregulation (a)(ii), carry out the steps identified in terms of subregulation (a)(i).
- (2) Should a land-owner fail to pay the competent authority for the cost of clearing the land outlined in sub-regulation (2), the competent authority may—
- (a) take legal action to recover the amount owed;
  - (b) invoke a bond against the property, whereby the owed amount plus interest must first be paid on the sale or transfer of the land;

- (c) place a moratorium on the approval of any development applications for the land; and
- (d) stop any subsidies, rebates and other benefits from any organ of state, until agreement is reached on the payment of the amount owed.

### Record of directives

71. A competent authority must—

- (a) keep a record of all directives issued;
- (b) state in the record—
  - (i) the person to whom the directive was issued;
  - (ii) the scientific and common name of the species for which the directive was issued;
  - (iii) the restricted activity for which the directive was issued;
  - (iv) the location where the restricted activity was undertaken;
  - (v) the measures to be adopted in terms of the directive;
  - (vi) the date by when the measures must be adopted;
  - (vii) the steps that the competent authority will take to monitor compliance with the directive and the dates upon which such steps will be taken.
  - (viii) pursuant to subregulation (vii)—
    - (aa) the steps taken by the competent authority;
    - (bb) the dates upon which the steps were taken; and
    - (cc) the extent of compliance with the directive by those dates.
- (c) within three months of the end of each calendar year submit to the Institute a written report containing the following information—
  - (i) a list of all directives;
  - (ii) the information recorded in terms of subregulation (b) for each directive; and
  - (iii) any other information required by the Institute for the proper application of these Regulations;

**Withdrawal of directives**

72. A directive issued in terms of these Regulations may be withdrawn in writing by the competent authority when the circumstances giving rise to the issue of the directive no longer exist.

**Presumptions**

73. (1) In any legal proceedings, a person alleging that a specimen of a species is a specimen of an exempted species shall bear the onus of proving that the specimen is a specimen of the exempted species.

(2) Any person alleging that a species already lawfully occurs in an area shall bear the onus of proving that the specimen occurs there.

**Offences**

74. A person is guilty of an offence if that person—

- (a) carries out a prohibited activity involving an alien species or a listed invasive species or a restricted activity without a permit issued by an issuing authority;
- (b) fails to comply with the conditions under which a permit has been issued;
- (c) fabricates or forges any document for the purpose of passing it as a permit or certificate of registration;
- (d) knowingly makes any false statement or report for the purpose of obtaining a permit or certificate of registration;
- (e) fails to notify a competent authority regarding the occurrence of listed invasive species on its land, if he or she is the owner of that land;
- (f) fails to notify a competent authority of any activity taking place within a demarcated area, if he or she was the applicant for that demarcation, or
- (g) fails to implement a directive issued by a competent authority.

**Penalties**

75. (1) A person convicted of an offence in terms of regulation 58, involving an alien or listed invasive species is liable to—

- (a) a fine;
- (b) to imprisonment for a period not exceeding five years; or

(c) to both a fine and such imprisonment.

(2) A fine in terms of subregulation (1) may not exceed an amount prescribed in terms of the Adjustment of Fines Act, 1991 (Act No. 101 of 1991).

**Name and commencement date**

**76.** These Regulations are called the Alien and Invasive Species Regulations, 2009 and take effect on a date determined by the Minister by notice in the *Gazette*.

**ADDENDUM 1****Listed Invasive Species Notification Form****Explanatory Note:**

*In terms of section 73(2)(a) of the Act the owner of land on which a listed invasive species occur must notify any relevant Competent Authority in writing, of the listed invasive species occurring on that land.*

**For official use:**

Reference number:

Date:

**1. LAND OWNERS DETAILS:**

Full Name:.....

Identity Number:.....

Postal Address:.....

.....

Postal Code:.....

Telephone Number: (Code:.....).....

Fax Number: (Code: ..... ).....

Cellular Number:.....

E-mail Address: .....

**2. SITE AND SPECIES DETAILS:**

1. Name (if applicable), province/magisterial district, erf number:

.....

.....

2. Listed invasive species occurring on land (Attach list if space is insufficient):

Scientific name: .....

Common name: .....

3. Extent of the infestation of each species (estimated number of specimens/area infested) and density of infestation (e.g. isolated specimens, small groups, large groups; sparse, dense, very dense)  
**(Provide information relating to each species in an Annex to the form)**
4. If appropriate, please provide details on the location of the listed invasive species on the property.  
Please mark on a separate 1:50,000 map or aerial photo.
5. What measures have been adopted to monitor, control and/or eradicate the invasive species listed in 2(2) above?

.....

.....

.....

.....

.....

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

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

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



## ADDENDUM 2

### Permit Application Form

**Explanatory Note:**

*In terms of section 65(1) and 71(1) a person may not carry out a restricted activity involving an alien species or a listed invasive species without a permit.*

**1. Personal details:**

Name of Applicant

Identity Number

Company (if applicable)

Physical address

Postal address

Telephone Number:

Fax Number:

Cellular Number

E-mail address

**2. Species information:**

Scientific name

Common name

Description

Quantity

**3. Restricted activity for which permit is required:**

- 3.1 Import into the Republic (complete section 4)
- 3.3 Possession (complete section 5)
- 3.4 Growing / Breeding / Propagating (complete section 6)
- 3.5 Conveying / Moving / Translocating (complete section 7)
- 3.6 Selling / Trading / Buying (complete section 8)
- 3.7 Receiving / Giving / Donating (complete section 9)
- 3.8 Disposal / Acquisition (complete section 10)

**4. Details required for import into the Republic:**

- 4.1 Full name and address of foreign supplier / exporter
- 4.2 Full Name and address of importer & final destination
- 4.3 Port of Entry:
- 4.4 Expected Date of Arrival:

**5. Details required for possession**

- 5.1 Name and address of person taking possession of specimen/s (if different from applicant):
- 5.2 Premises (address) where specimen will be kept:

**6. Details required for growing/breeding/propagating**

- 6.1 Name:
- 6.2 Type of facility:
  - Nursery – Wholesale
  - Nursery – Retail
  - Museum
  - Zoo
  - Captive breeding operation
  - Game farm
  - Other (specify):
- 6.3 Address of the facility where this restricted activity is to be carried out:
- 6.4 Date of establishment

**7. Details required for conveying/moving/translocating**

- 7.1 Conveyed/Moved/Translocated from (name & address):
- 7.2 Conveyed/Moved/Translocated to (name & address):
- 7.3 Expected date & duration of activity:
- 7.4 Method:

**8. Details required for selling/trading/buying**

- 8.1 Address of premises from where the restricted activity is to be carried out:
- 8.2 Name and address of buyer / purchaser / trader

**9. Details required for receiving/giving/donating**

- 9.1 Name and address of giver/donator
- 9.2 Name and address of recipient

**10. Details required for disposal/acquisition**

- 10.1 Address of premises where activity is to be carried out:
- 10.2 Proposed method of disposal / acquisition
- 10.3 Reason/s for disposal / acquisition

**ADDENDUM 3****Integrated permit****Prescribed Permit Application Fees for Alien species and Listed Invasive Species****Explanatory Note:**

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

	Activity	Fee
Alien & listed Invasive species	Import into the Republic	R200.00
	Possession	R50.00
	Growing / Breeding / Propagating	R50.00
	Conveying / Moving / Translocating	R50.00
	Selling / Trading / Buying	R50.00
	Receiving / Giving / Donating	R50.00
	Disposal / Acquisition	R50.00
	Renewal of permit	R50.00
	Risk assessment fee	tba

**ADDENDUM 5****Permit**

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

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:** (Tick the appropriate box & encircle relevant activity)

Import into the Republic

Possession

Growing / Breeding / Propagating

Conveying / Moving / Translocating

Selling / Trading / Buying

Receiving / Giving / Donating

Disposal / Acquisition

**Species:**

Scientific Name

Common Name

Description of the  
specimens

Quantity

This permit issued by:

Place

Official stamp

**ADDENDUM 6**

**Directive in terms of section 69(2) or 73(3) of the Act**  
**Duty of care relating to alien species and listed invasive species**

**Explanatory Notes:**

- *In terms of section 69(2) of the Act a competent authority 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.*
- *In terms of section 73(3) of the Act a competent authority 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:**

Full Name:.....

Identity Number:.....

Physical Address:.....

.....

.....

Postal Code:.....

Postal Address:.....

.....

Postal Code:.....

Telephone Number: (Code:.....).....

Fax Number: (Code:.....) .....

Cellular Number:.....

E-mail Address:.....

**2. SITE AND SPECIES DETAILS:**

2.1 Name (if applicable), province/magisterial district, erf number:

.....  
.....

2.2 Alien / Listed invasive species involved (Attach list if space is insufficient):

Scientific name: .....

Common name: .....

3. Permit number (if applicable):.....

4. Conditions of the permit (If applicable) (Attach Annex if space is insufficient):

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

**3. DIRECTIVE SPECIFICATIONS**

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

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

ISSUED BY:

RECEIVED BY:

DATE:

OFFICIAL STAMP

## ADDENDUM 7

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

**Explanatory Note:**

*In terms of section 74(1) of the Act any person may request a competent authority 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:.....

.....

.....

Postal Code:.....

Postal Address:.....

.....

Postal Code:.....

Telephone Number:(Code:.....).....

Fax Number: (Code: ..... ) .....

Cellular Number:.....

E-mail Address:.....

**2. DIRECTIVE TO BE ISSUED TO**

Name: .....

**2.1 SITE AND SPECIES DETAILS:****2.1.1** Name (if applicable), province/magisterial district, erf number or physical address:

.....

.....

.....

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



Scientific name: .....

Common name: .....

## **2.2 REASONS FOR REQUEST**

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

If yes, substantiate:

Yes

No

.....  
.....

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

If yes, substantiate:

Yes

No

.....  
.....

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

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: .....

**NOTICE 348 OF 2009**  
**DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND TOURISM**

**NATIONAL ENVIRONMENTAL MANAGEMENT: BIODIVERSITY ACT,  
2004**  
**LIST 1: CATEGORIES OF SPECIES EXEMPTED IN TERMS OF  
SECTION 66**

I, Marthinus Christoffel Johannes van Schalkwyk, Minister of Environmental Affairs and Tourism, under section 66 of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004) publish for public comment, a draft list of exempted categories of species in the Schedule.

Any person who wishes to submit written representations or comments in connection with the draft regulations are invited to do so within 30 days of the date of this notice. All written representations and comments must be submitted in writing to the Director-General of the Department of Environmental Affairs and Tourism:

By post to:                   The Director-General  
                                  Department of Environmental Affairs and Tourism:

Private Bag X447

Pretoria, 0001

Attention: Mr Bonani Madikizela

Delivered to: The Department of Environmental Affairs and  
Tourism  
Attention: Bonani Madikizela  
Fedsure Building  
315 Pretorius Street  
**PRETORIA**

By fax to: (012) 320 2733, and by e-mail to bmadikizela@deat.gov.za

Comments received after the closing date may not be considered.



**MARTHINUS VAN SCHALKWYK**

**MINISTER OF ENVIRONMENTAL AFFAIRS AND TOURISM**

## **SCHEDULE**

### **LIST 1: Exempted species**

The following categories of alien species are exempted from the provisions of section 66(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 prior to the commencement of the Regulations and that is not a listed invasive species, 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; or
  - (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.

**NOTICE 349 OF 2009**  
**DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND TOURISM**

**NATIONAL ENVIRONMENTAL MANAGEMENT: BIODIVERSITY ACT,  
2004**  
**LIST 2: LIST OF PROHIBITED ALIEN SPECIES IN TERMS OF  
SECTION 67**

I, Marthinus Christoffel Johannes van Schalkwyk, Minister of Environmental Affairs and Tourism, under section 67 of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004) publish for public comment, a draft list of prohibited alien species in the Schedule.

Any person who wishes to submit written representations or comments in connection with the draft regulations are invited to do so within 30 days of the date of this notice. All written representations and comments must be submitted in writing to the Director-General of the Department of Environmental Affairs and Tourism:

By post to:                   The Director-General  
                                  Department of Environmental Affairs and Tourism:  
                                  Private Bag X447  
                                  Pretoria, 0001

Attention: Mr Bonani Madikizela

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**MARTHINUS VAN SCHALKWYK**

**MINISTER OF ENVIRONMENTAL AFFAIRS AND TOURISM**

## SCHEDULE

### List 2: List of Prohibited Alien Species

Prohibited Alien species in terms of Section 67 of the Biodiversity Act (No 10, 2004), defined as Alien species that are not yet in South Africa, that are known to be invasive and should not be imported into South Africa.

If a Prohibited Alien species does occur in South Africa it is automatically listed as a 'Species that requires compulsory control' unless listed otherwise

INVERTEBRATES (TERRESTRIAL)		
Mollusca (snails and molluscs)		
Number	Scientific Name	Common name
1.	<i>Achatina fulica</i> Bowdich, 1822	Giant African snail
2.	<i>Euglandina rosea</i> (Férussac, 1821)	Rosy wolf snail
Nematoda (nematodes)		
Number	Scientific Name	Common name

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
10.	<i>Longidorus elongatus</i> (De Man, 1876) Micoletzky, 1922	Sugar beet docking disorder nematode
11.	<i>Paratrichodorus nanus</i> (Allen, 1957) Siddiqi, 1974	
12.	<i>Paratrichodorus pachydermus</i> (Seinhorst, 1954) Siddiqi, 1974	
13.	<i>Paratrichodorus 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 & Lehw, 1933) Andrassy, 1958	Yam nematode
17.	<i>Trichodorus primitivus</i> (De Man, 1880) Micoletzky, 1922	
18.	<i>Trichodorus similis</i> Steinhorst, 1963	
19.	<i>Trichodorus viruliferus</i> Hooper, 1963	
<b>Insecta (insects)</b>		
	<b>Scientific Name</b>	<b>Family</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>Anoplophora glabripennis</i>	Asian longhorned beetle
30.	<i>Archips argyrospilus</i>	Tortricidae
31.	<i>Argyrotaenia citrana</i>	Tortricidae
32.	<i>Aulacaspis yasumatsui</i>	Asian cycad scale
33.	<i>Bactrocera zonata</i>	Tephritidae
34.	<i>Bactrocera aquilonis</i>	Tephritidae
35.	<i>Bactrocera carambolae</i>	Tephritidae
36.	<i>Bactrocera caryeae</i>	Tephritidae

37.	<i>Bactrocera correcta</i>	Tephritidae
38.	<i>Bactrocera cucurbitae</i>	Tephritidae
39.	<i>Bactrocera dorsalis</i>	Tephritidae
40.	<i>Bactrocera facialis</i>	Tephritidae
41.	<i>Bactrocera frauenfeldi</i>	Tephritidae
42.	<i>Bactrocera jarvisi</i>	Tephritidae
43.	<i>Bactrocera kandiensis</i>	Tephritidae
44.	<i>Bactrocera kirki</i>	Tephritidae
45.	<i>Bactrocera latifrons</i>	Tephritidae
46.	<i>Bactrocera melanotus</i>	Tephritidae
47.	<i>Bactrocera musae</i>	Tephritidae
48.	<i>Bactrocera neohumeralis</i>	Tephritidae
49.	<i>Bactrocera occipitalis</i>	Tephritidae
50.	<i>Bactrocera papayae</i>	Tephritidae
51.	<i>Bactrocera passiflorae</i>	Tephritidae
52.	<i>Bactrocera philippinensis</i>	Tephritidae
53.	<i>Bactrocera psidii</i>	Tephritidae
54.	<i>Bactrocera pyrifoliae</i>	Tephritidae
55.	<i>Bactrocera tryoni</i>	Tephritidae
56.	<i>Bactrocera xanthodes</i>	Tephritidae
57.	<i>Bemisia tabaci</i>	Sweet potato whitefly
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>Cinara cupressi</i>	Cypress aphid
65.	<i>Cnephasia jactatana</i>	Tortricidae
66.	<i>Colaspis hypochlora</i>	Chrysomelidae
67.	<i>Conogethes punctiferalis</i>	Pyalidae
68.	<i>Conopomorpha litchiella</i>	Gracillariidae
69.	<i>Coptotermes formosanus shiraki</i>	Formosan subterranean termite
70.	<i>Cryptophlebia illepida</i>	Tortricidae
71.	<i>Cryptophlebia ombrodelta</i>	Tortricidae
72.	<i>Ctenopseustis obliquana</i>	Tortricidae
73.	<i>Dudua aprobola</i>	Tortricidae
74.	<i>Dysmicoccus neobrevipes</i>	Pseudococcidae
75.	<i>Epiphyas postvittana</i>	Tortricidae
76.	<i>Erionota thrax</i>	Hesperiidae
77.	<i>Holopothrips ananasi</i>	Thripidae
78.	<i>Hyphantria cunea</i>	Fall webworm
79.	<i>Lachnopus sp. near campechianus</i>	Curculionidae
80.	<i>Lobesia aeolopa</i>	Tortricidae
81.	<i>Lymantria dispar</i>	Asian gypsy moth
82.	<i>Maconellicoccus hirsutus</i>	Pseudococcidae
83.	<i>Metamasius callizona</i>	Curculionidae

84.	<i>Nacoleia octasema</i>	Pyralidae
85.	<i>Neodecadarchis flavistriata</i>	Tineidae
86.	<i>Odoiporus longicollis</i>	Curculionidae
87.	<i>Oryctes rhinoceros</i>	Asiatic rhinoceros beetle
88.	<i>Paratachardina pseudolobata</i>	Lobate lac scale
89.	<i>Phenacoccus madeirensis</i>	Pseudococcidae
90.	<i>Planococcoides njalensis</i>	Pseudococcidae
91.	<i>Planococcus litchi</i>	Pseudococcidae
92.	<i>Planococcus minor</i>	Pseudococcidae
93.	<i>Planotortix excessana</i>	Tortricidae
94.	<i>Platynota stultana</i>	Tortricidae
95.	<i>Proeulia auraria</i>	Tortricidae
96.	<i>Proeulia chrysopteris</i>	Tortricidae
97.	<i>Pseudococcus calceolariae</i>	Pseudococcidae
98.	<i>Pseudococcus comstocki</i>	Pseudococcidae
99.	<i>Pseudococcus cryptus</i>	Pseudococcidae
100.	<i>Pseudococcus elisae</i>	Pseudococcidae
101.	<i>Pseudococcus jackbeardsleyi</i>	Pseudococcidae
102.	<i>Rastrococcus iceryoides</i>	Pseudococcidae
103.	<i>Rastrococcus invadens</i>	Pseudococcidae
104.	<i>Rastrococcus mangiferae</i>	Pseudococcidae
105.	<i>Rastrococcus spinosus</i>	Pseudococcidae
106.	<i>Rhipiphorothrips cruentatus</i>	Thripidae
107.	<i>Spodoptera litura</i>	Noctuidae
108.	<i>Sternochetus frigidus</i>	Curculionidae
109.	<i>Thecla basilides</i>	Lycaenidae
110.	<i>Thecla legota</i>	Lycaenidae
111.	<i>Thrips hawaiiensis</i>	Thripidae
112.	<i>Thrips palmi</i>	Thripidae
113.	<i>Tmolus echion</i>	Lycaenidae
114.	<i>Toxotrypana curvicauda</i>	Aleyrodidae
115.	<i>Unaspis citri</i>	Diaspididae
116.	<i>Vinsonia stellifera</i>	Coccidae
117.	<i>Xylosandrus compactus</i>	Ambrosia beetle
118.	<i>Xylosandrus mutilatus</i>	Camphor shoot beetle
<b>Acari (Mites)</b>		
	<b>Scientific Name</b>	<b>Family</b>
119.	<i>Calacarus brionesae</i>	Eriophyidae
120.	<i>Cisaberoptus kenyae</i>	Eriophyidae
121.	<i>Oligonychus biharensis</i>	Tetranychidae
122.	<i>Oligonychus punicae</i>	Tetranychidae
123.	<i>Oligonychus yothersi</i>	Tetranychidae
124.	<i>Tetranychus desertorum</i>	Tetranychidae
125.	<i>Tetranychus mexicanus</i>	Tetranychidae
126.	<i>Tetranychus piercei</i>	Tetranychidae
127.	<i>Tuckerella pavoniformis</i>	Tuckerellidae
<b>Arachnida (Spiders)</b>		



	Scientific Name	Family and/or Common name
128.	<i>Acanthoscurria geniculata</i>	Theraphosidae Brazilian white knee tarantula
129.	<i>Avicularia avicularia</i>	Theraphosidae Pink toe tarantula
130.	<i>Brachypelma albopilosum</i>	Theraphosidae Curly hair tarantula
131.	<i>Brachypelma smithi</i>	Theraphosidae Mexican red knee tarantula
132.	<i>Brachypelma vegans</i>	Theraphosidae Red rump tarantula
133.	<i>Grammostola rosea</i>	Theraphosidae Chilean rose tarantula
134.	<i>Haplopelma lividum</i>	Theraphosidae Cobalt blue tarantula
135.	<i>Lasiadora parahybana</i>	Theraphosidae Brazilian salmon pink tarantula
136.	<i>Poecilotheria regalis</i>	Theraphosidae Indian ornamental tarantula
137.	<i>Psalmopoeus cambridgei</i>	Theraphosidae Trinidad chevron tarantula
138.	<i>Theraphosa blondi</i>	Theraphosidae Goliath bird eating tarantula
<b>Other</b>		
	Scientific Name	Family and/or Common name
139.	<i>Platydemus manokwari</i>	Flatworm (Turbellaria)

## Invertebrates (Fresh-Water)

No	Species	Common Name
140.	<i>Orconectes limosus</i>	North American Spiny Cheek Crayfish
141.	<i>Orconectes rusticus</i>	Rusty Crayfish
142.	<i>Pacifastacus leniusculus</i>	North American Signal Crayfish
143.	<i>Procambarus clarkii</i>	Red Swamp Crayfish

## Marine species

	Scientific Name	Common name
144.	<i>Asterias amurensis</i>	Pacific seastar
145.	<i>Caulerpa taxifolia</i>	Caulerpa (sea weeds)
146.	<i>Eriocheir sinensis</i>	Asian mitten crab
147.	<i>Undaria pinnatifida</i>	Asian kelp

Freshwater fish		
	Scientific Name	Common name
148.	<i>Abramis spp.</i>	bream
149.	<i>Acantharchus spp.</i>	
150.	<i>Acheilognathus spp.</i>	bitterling
151.	<i>Acipenser spp.</i>	sturgeon
152.	<i>Ameiurus spp.</i>	bullheads
153.	<i>Amia calva</i>	Bowfin/Mudfish/Dogfish
154.	<i>Amphilius spp.</i>	Golden African kuhli
155.	<i>Anabas spp.</i>	Climbing perch/Climbing fish
156.	<i>Anguilla spp.</i>	
157.	<i>Aphanius spp.</i>	minnow
158.	<i>Aplocheilichthys spp.</i>	killifish
159.	<i>Arapaima gigas</i>	Arapaima
160.	<i>Bagrus spp.</i>	
161.	<i>Barilius spp.</i>	
162.	<i>Bathyclarias spp.</i>	Catfish
163.	<i>Centrarchus spp.</i>	
164.	<i>Chaca chaca</i>	Frogmouth catfish
165.	<i>Channa spp.</i>	snakeheads
166.	<i>Chela spp.</i>	
167.	<i>Chetia spp.</i>	
168.	<i>Chiloglanis spp.</i>	
169.	<i>Chologaster cornutus</i>	
170.	<i>Chondrostoma spp.</i>	Nasling
171.	<i>Chrysichthys spp.</i>	
172.	<i>Cichla spp.</i>	Peacock cichlid
173.	<i>Colossoma spp.</i>	pacu
174.	<i>Coregonus spp.</i>	
175.	<i>Cottus spp.</i>	
176.	<i>Croilia spp.</i>	
177.	<i>Cyprinodon spp.</i>	pupfish
178.	<i>Docimodus spp.</i>	Catfish
179.	<i>Elassoma spp.</i>	
180.	<i>Electrophorus electricus</i>	Electric eel
181.	<i>Engraulicyprus spp.</i>	
182.	<i>Enneacanthus spp.</i>	
183.	<i>Esox spp.</i>	
184.	<i>Eutropius spp.</i>	
185.	<i>Fundulus spp.</i>	
186.	<i>Galaxias spp.</i>	galaxias
187.	<i>Gambusia spp.</i>	
188.	<i>Gasterosteus spp.</i>	
189.	<i>Gephyroglanis spp.</i>	
190.	<i>Glossogobius spp.</i>	
191.	<i>Gobio spp.</i>	
192.	<i>Gymnallabes spp.</i>	
193.	<i>Heterobranchus spp.</i>	

194.	<i>Hucho hucho</i>	Huchen
195.	<i>Huso huso</i>	Beluga sturgeon
196.	<i>Hydrocynus spp.</i>	African tiger fish
197.	<i>Ictalurus spp.</i>	
198.	<i>Idus idus</i>	Silver/Golden orf
199.	<i>Jordanella floridae</i>	American flagfish
200.	<i>Lampetra spp.</i>	
201.	<i>Lates spp.</i>	
202.	<i>Lepomis spp.</i>	sunfishes
203.	<i>Leptoglanis spp.</i>	
204.	<i>Leuciscus spp.</i>	
205.	<i>Liposarcus spp.</i>	Plecostomus
206.	<i>Lota lota</i>	Burbot
207.	<i>Luciosoma setigerum</i>	Apollo shark
208.	<i>Malapterurus spp.</i>	
209.	<i>Marcusenius spp.</i>	
210.	<i>Mesobola spp.</i>	
211.	<i>Micropterus spp.</i> (except the 3 species listed as restricted invasive species)	Bass
212.	<i>Misgurnus spp</i>	Weather fish
213.	<i>Myleus spp.</i>	Brown metynnis
214.	<i>Neochanna spp.</i>	mudfish
215.	<i>Neomacheilus spp.</i>	Loaches
216.	<i>Notemigonus crysoleucas</i>	Golden shiner
217.	<i>Notropis spp.</i>	shiner
218.	<i>Oncorhynchus spp.</i> (excluding rainbow trout)	Trout / Salmon
219.	<i>Ophicephalus spp.</i>	Snakehead
220.	<i>Opsaridium spp.</i>	barilius
221.	<i>Oreochromis spp.</i> (excluding <i>Oreochromis</i> species and hybrids in zoning category for aquaculture)	tilapias
222.	<i>Oryzias spp.</i>	Rice fish/Geisha girl/Golden mede
223.	<i>Osmerus eperlanus</i>	Smelt
224.	<i>Paragalaxias spp.</i>	Paragalaxias
225.	<i>Perca spp.</i>	Perch
226.	<i>Percina spp.</i>	Percina darters
227.	<i>Petrocephalus spp.</i>	Mormyrid
228.	<i>Petromyzon marinus</i>	Lamprey
229.	<i>Phoxinus spp.</i>	Minnow
230.	<i>Plecostomus spp.</i>	plecostomus
231.	<i>Pogonopoma spp.</i>	catfish
232.	<i>Pomoxis spp.</i>	
233.	<i>Protopterus spp.</i>	Lung fish
234.	<i>Pseudocrenilabrus spp.</i>	
235.	<i>Pseudorasbora spp.</i>	Whiptail sturgeon
236.	<i>Pseudorinelepis spp.</i>	catfish
237.	<i>Pterygoplichthys spp.</i>	plecos

238.	<i>Pungitius spp.</i>	stickleback
239.	<i>Pygocentrus spp.</i>	Piranha
240.	<i>Pygosteus spp.</i>	stickleback
241.	<i>Rhinelepis spp.</i>	catfish
242.	<i>Rhamdia spp.</i>	
243.	<i>Rhinichthys atratulus atratulus</i>	Black-nose dace
244.	<i>Rhinichthys atratulus obtusus</i>	
245.	<i>Rhodeus spp.</i>	
246.	<i>Rooseveltiella spp.</i>	Piranha
247.	<i>Rutilus spp.</i>	Roach
248.	<i>Salmo spp.</i> (except brown trout and Atlantic salmon)	Trout and salmon
249.	<i>Salvelinus spp.</i>	
250.	<i>Sargochromis spp.</i>	
251.	<i>Sarotherodon spp.</i>	
252.	<i>Schilbe spp.</i>	
253.	<i>Serrasalmus spp.</i>	piranha
254.	<i>Silurus glanis</i>	European/Wels/Waller catfish
255.	<i>Thymallus thymallus</i>	Grayling
256.	<i>Tilapia spp.</i> excluding <i>Tilapia rendalli</i> & <i>Tilapia sparrmanii</i> (regulated by area) and <i>Tilapia bakossiorum</i> & <i>Tilapia snyderae</i> (exempted)	

Reptiles and Amphibians		
	Scientific name	Common name
257.	<i>Agama agama</i>	Agama, common
258.	<i>Ambystoma tigrinum</i>	Salamander, Tiger
259.	<i>Anolis distichus</i>	Anole, bark
260.	<i>Anolis sagrei</i>	Anole, brown
261.	<i>Basiliscus vittatus</i>	Basilisk
262.	<i>Boiga irregularis</i>	Tree snake, brown
263.	<i>Bufo bufo</i>	Toad, European
264.	<i>Bufo marinus</i>	Toad, marine / cane
265.	<i>Chelydra macrochelys</i>	Turtle, alligator snapper
266.	<i>Eleutherodactylus coqui</i>	Coqui, Puerto Rican
267.	<i>Eleutherodactylus planirostris</i>	Frog, Greenhouse
268.	<i>Geochelone sulcata</i>	Tortoise, Spur thighed
269.	<i>Hemidactylus frenatus</i>	Gecko, house
270.	<i>Hemidactylus garnotii</i>	Gecko, Indo-Pacific
271.	<i>Hemidactylus turcicus</i>	Gecko, Mediterranean
272.	<i>Leiocephalus carinatus</i>	Lizard, Northern curlytail
273.	<i>Litoria caerulea</i>	Treefrog, Great green
274.	<i>Macrochelys temminckii</i>	Turtle, snapper
275.	<i>Notophthalmus viridescens viridescens</i>	Newt, Red-spotted
276.	<i>Osteopilus septentrionalis</i>	Treefrog, Cuban
277.	<i>Rana catesbeiana</i>	Bull frog, American

278.	<i>Tarentola mauritanica</i>	Wall gecko, Moorish
279.	<i>Trachemys scripta elegans</i>	Slider, Red-eared

<b>Birds</b>		
	<b>Scientific name</b>	<b>Common name</b>
280.	<i>Acridotheres cristatellus</i>	Myna, Crested
281.	<i>Acridotheres fuscus</i>	Myna, jungle
282.	<i>Alectoris rufa</i>	Partridge, Red-legged
283.	<i>Callipepla californica</i>	Quail, California
284.	<i>Callipepla gambelii</i>	Quail, Gambel's
285.	<i>Callipepla squamata</i>	Quail, Scaled
286.	<i>Carduelis carduelis</i>	Goldfinch, European
287.	<i>Carduelis chloris</i>	Greenfinch, European
288.	<i>Carduelis flammea</i>	Redpoll, Common
289.	<i>Carpodacus mexicanus</i>	Finch, house
290.	<i>Colinus cristatus</i>	Quail, Crested
291.	<i>Colinus virginianus</i>	Bobwhite, Northern
292.	<i>Columba palumbus</i>	Wood-Pigeon, Common
293.	<i>Corvus brachyrhynchos</i>	Crow, American
294.	<i>Corvus frugilegus</i>	Rook
295.	<i>Corvus monedula</i>	Jackdaw, Eurasian
296.	<i>Emberiza citrinella</i>	Yellowhammer
297.	<i>Foudia madagascariensis</i>	Fody, Madagascar Red
298.	<i>Francolinus pondicerianus</i>	Francolin, Grey
299.	<i>Icterus pectoralis</i>	Oriole, Spot-breasted
300.	<i>Lonchura malacca</i>	Manikin, Indian Black-headed
301.	<i>Lonchura punctulata</i>	Munia, Scaly-breasted
302.	<i>Molothrus ater</i>	Cowbird, brown-headed
303.	<i>Molothrus bonariensis</i>	Cowbird, shiny
304.	<i>Oreortyx pictus</i>	Quail, Mountain
305.	<i>Oxyura jamaicensis</i>	Ruddy duck, northern
306.	<i>Oxyura leucocephala</i>	Duck, White-headed
307.	<i>Passer hispaniolensis</i>	Sparrow, Spanish
308.	<i>Passer montanus</i>	Sparrow, Eurasian Tree
309.	<i>Perdix perdix</i>	Partridge, Grey
310.	<i>Phasianus colchicus</i>	Pheasant, ring-necked
311.	<i>Pycnonotus cafer</i>	Bulbul, Red-vented
312.	<i>Pycnonotus jocosus</i>	Bulbul, Red-whiskered
313.	<i>Sicalis flaveola</i>	Finch, Saffron
314.	<i>Streptopelia picturata</i>	Turtle-dove, Madagascar
315.	<i>Struthio camelus molybdophanes</i>	Ostrich, North African
316.	<i>Turdus philomelos</i>	Thrush, Song
317.	<i>Turdus merula</i>	Blackbird
318.	<i>Zenaidura asiatica</i>	Dove, White-winged

<b>Mammals</b>		
	<b>Scientific name</b>	<b>Common name</b>
319.	<i>Alcelaphus buselaphus</i> (all subspecies with the exception of <i>A.b. caama</i> )	Red hartebeest
320.	<i>Bos frontalis</i>	Gaur
321.	<i>Castor</i> spp. (all species)	Beaver
322.	<i>Erinaceus europaeus</i>	European hedgehog
323.	<i>Giraffa camelopardalis</i> (all subspecies excluding <i>capensis</i> )	Giraffe
324.	<i>Herpestes javanicus</i>	Small Indian mongoose
325.	<i>Hippotragus niger varianii</i>	Giant sable
326.	<i>Kobus kob</i>	Kob
327.	<i>Kobus megaceros</i>	Nile lechwe
328.	<i>Macaca fascicularis</i>	Crab-eating macaque
329.	<i>Mustela erminea</i>	Short-tailed weasel / Stoat
330.	<i>Oryx beisa</i>	Beisa oryx
331.	<i>Rattus exulans</i> on islands	Pacific/Polynesian rat
332.	<i>Redunca redunca</i>	Bohor reedbuck
333.	<i>Suncus murinus</i>	Asian/Indian musk shrew
334.	<i>Trichosurus vulpecula</i>	Brush-tail possum
335.	<i>Vulpes vulpes</i>	Red fox

<b>PLANTS</b>		
<b>NR</b>	<b>Scientific Name</b>	<b>Common Name</b>
1	<i>Acaena pallida</i> (Kirk) Allan	Pale biddy – biddy
2	<i>Achnatherum caudatum</i> (Trin.) S.W.L.Jacobs & J.Everett	Spear grass
3	<i>Achnatherum brachychaetum</i> (Godr.) Barkworth (= <i>Nassella brachychaeta</i> (Godr.) Barkworth, <i>Stipa brachychaeta</i> Godr.)	Puna grass
4	<i>Aegilops</i> spp.	Goat grasses
5	<i>Aegilops cylindrica</i> Host (= <i>Cylindropyrum cylindricum</i> (Host) Á.Löve, <i>Triticum cylindricum</i> (Host) Ces.)	Jointed goat grass
6	<i>Aegilops geniculata</i> Roth (= <i>A. ovata</i> auct., <i>Triticum ovatum</i> auct.)	Ovate goat grass
7	<i>Aegilops triuncialis</i> L. (= <i>A. squarrosa</i> L., <i>Triticum triunciale</i> (L.) Raspail)	Barb goat grass
8	<i>Aeginetia</i> spp.	Aeginetia species
9	<i>Aeschynomene rudis</i> Benth.	Rough joint – vetch

PLANTS		
NR	Scientific Name	Common Name
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 verlotiorum</i> Lamotte	Mugwort
18	<i>Arundinaria</i> spp.	Arundinaria reeds / bamboos
19	<i>Azolla</i> spp. except <i>A. pinnata</i> R.Br. var. <i>africana</i> (Desv.) Baker which may be indigenous	Azolla species
20	<i>Baccharis halimifolia</i> L.	Groundsel bush
21	<i>Berberis glaucocarpa</i> Stapf	Barberry
22	<i>Bifora testiculata</i> (L.) Spreng. (= <i>Coriandrum testiculatum</i> L.)	Bifora
23	<i>Cabomba</i> spp.	Cabomba species
24	<i>Callistachys lanceolata</i> Vent. (= <i>Oxylobium lanceolatum</i> (Vent.) Druce)	Oxylobium
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 nutans</i> L.	Musk thistle
29	<i>Carduus pycnocephalus</i> L.	Italian thistle
30	<i>Carthamus leucocaulos</i> Sm.	White – stem distaff thistle, Saffron thistle
31	<i>Carthamus oxyacanthus</i> M.Bieb. (= <i>C. flavescens</i> Willd.)	Wild safflower

PLANTS		
NR	Scientific Name	Common Name
32	<i>Cassinia arcuata</i> R.Br.	Chinese shrub, Drooping cassinia
33	<i>Caulerpa taxifolia</i> (Vahl) C.Agardh	Notched caulerpa, Feather caulerpa
34	<i>Celastrus orbiculatus</i> Thunb. (= <i>C. articulatus</i> Thunb.)	Climbing spindleberry, Oriental bittersweet
35	<i>Cenchrus echinatus</i> L.	Southern sandbur grass, Mossman River grass
36	<i>Cenchrus longispinus</i> (Hack.) Fernald	Mat sandbur, Spiny bur grass
37	<i>Centaurea stoebe</i> L. subsp. <i>micranthos</i> (Gugler) Hayek (= <i>Centaurea biebersteinii</i> auct., <i>C. maculosa</i> auct.)	Spotted knapweed
38	<i>Centaurea diffusa</i> Lam.	Diffuse knapweed
39	<i>Centaurea iberica</i> Trevir. ex Spreng.	Iberian star thistle
40	<i>Centaurea sulphurea</i> Willd.	Sicilian star thistle
41	<i>Centaurea virgata</i> Lam. subsp. <i>squarrosa</i> (Boiss.) Gugler (= <i>C. squarrosa</i> Willd., <i>C. virgata</i> auct.)	Squarrose knapweed
42	<i>Cereus hildmannianus</i> K.Schum. (= <i>C. peruvianus</i> auct. pl. [= <i>C. hildmannianus</i> subsp. <i>hildmannianus</i> ], <i>C. uruguayanus</i> C.Ritter ex R.Kiesling [= <i>C. hildmannianus</i> subsp. <i>uruguayanus</i> ])	Queen – of – the – night, Peruvian apple, Hedge cactus, Spiny tree cactus
43	<i>Chorispora tenella</i> (Pall.) DC.	Purple mustard
44	<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)	Pilipiliula
45	<i>Cirsium ochrocentrum</i> A.Gray	Yellow – spine thistle
46	<i>Cirsium undulatum</i> (Nutt.) Spreng.	Wavy – leaf thistle
47	<i>Clematis vitalba</i> L.	Old man's beard
48	<i>Clidemia hirta</i> (L.) D.Don (= <i>Melastoma hirtum</i> L.)	Koster's curse
49	<i>Coccinia grandis</i> (L.) Voigt (= <i>C. cordifolia</i> auct., <i>C. indica</i> Wight & Arn.)	Ivy gourd



PLANTS		
NR	Scientific Name	Common Name
50	<i>Cortaderia richardii</i> (Endl.) Zotov	New Zealand pampas grass
51	<i>Crassula helmsii</i> (Kirk) Cockayne	Swamp stonecrop
52	<i>Crataegus sinaica</i> Boiss.	Azzarola
53	<i>Crupina vulgaris</i> Cass.	Common crupina, Bearded creeper
54	<i>Cupaniopsis anacardioides</i> (A.Rich.) Radlk. (= <i>Cupania anacardioides</i> A.Rich.)	Carrotwood
55	<i>Cuscuta indecora</i> Choisy (= <i>C. jepsonii</i> Yunck.)	Large – seeded dodder
56	<i>Cuscuta reflexa</i> Roxb.	Giant dodder, Indian dodder
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>Diplotaxis tenuifolia</i> (L.) DC. (= <i>Sisymbrium tenuifolium</i> L.)	Sand rocket
61	<i>Dipsacus fullonum</i> L. (= <i>D. sylvestris</i> Huds.)	Wild teasel
62	<i>Dioscorea alata</i> L. (= <i>D. rubella</i> Roxb.)	White yam
63	<i>Drymaria arenarioides</i> Humb. & Bonpl. ex Schult.	Alfombrilla, Lightningweed
64	<i>Echium italicum</i> L.	Italian bugloss
65	<i>Eichhornia azurea</i> (Sw.) Kunth	Anchored water hyacinth
66	<i>Eichhornia</i> spp.	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

PLANTS		
NR	Scientific Name	Common Name
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> (Chrték. & 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>Harungana madagascariensis</i> Lam. ex Poir. (= <i>Haronga madagascariensis</i> (Lam. ex Poir.) Choisy)	Harungana, Haronga, Dragon's – blood – tree
81	<i>Helianthus ciliaris</i> DC.	Blueweed, Texas blueweed
82	<i>Hieracium aurantiacum</i> L. (= <i>Pilosella aurantiaca</i> (L.) F.W.Schultz & Sch. Bip.)	Orange hawkweed
83	<i>Hieracium pilosella</i> L. (= <i>Pilosella officinarum</i> F.W. Schultz & Sch. Bip.)	Mouse – ear hawkweed
84	<i>Hieracium praealtum</i> Gochn.	King devil
85	<i>Hydrocharis morsus-ranae</i> L.	Frog's – bit
86	<i>Hydrodictyon reticulatum</i> Lagerh.	Water net
87	<i>Hygrophila costata</i> Nees et al. (= <i>H. brasiliensis</i> (Spreng.) Lindau, <i>H. guianensis</i> Nees, <i>Ruellia brasiliensis</i> Spreng.)	Hygrophila
88	<i>Hygrophila polysperma</i> (Roxb.) T.Anderson (= <i>Justicia polysperma</i> Roxb.)	Miramar weed, Hygrophila

PLANTS		
NR	Scientific Name	Common Name
89	<i>Hymenachne amplexicaulis</i> (Rudge) Nees	Olive hymenachne, West Indian marsh grass
90	<i>Hypericum X inodorum</i> Mill. (= <i>H. elatum</i> Aiton)	Tall St John's wort, Tall tutsan
91	<i>Hypericum triquetrifolium</i> Turra (= <i>H. crispum</i> L.)	Tangled hypericum
92	<i>Hyptis capitata</i> Jacq.	Knobweed
93	<i>Hyptis pectinata</i> (L.) Poit. (= <i>Nepeta pectinata</i> L.)	Comb hyptis
94	<i>Hyptis suaveolens</i> (L.) Poit. (= <i>Ballota suaveolens</i> L.)	Wild spikenard, Hyptis
95	<i>Imperata brasiliensis</i> Trin.	Brazilian satin – tail
96	<i>Imperata brevifolia</i> Vasey (= <i>Imperata hookeri</i> (Rupr. ex Andersson) Hack.)	Satin-tail
97	<i>Ipomoea triloba</i> L.	Little – bell, Aiea morning – glory
98	<i>Ischaemum rugosum</i> Salisb.	Murain – grass
99	<i>Iva axillaris</i> Pursh	Poverty weed
100	<i>Iva axillaris</i> Pursh subsp. <i>robustior</i>	Poverty weed
101	<i>Juncus acutus</i> L. subsp. <i>acutus</i>	Spiny rush
102	<i>Lagascea mollis</i> Cav.	Acuate
103	<i>Lepidium appelianum</i> Al-Shehbaz (= <i>Cardaria pubescens</i> (C.A.Mey.) Jarm.)	Globe – pod hoary cress
104	<i>Lepidium draba</i> L. subsp. <i>chalepense</i> (L.) Thell. (= <i>Cardaria chalepensis</i> (L.) Hand.-Mazz)	Lens podded hoary cress
105	<i>Lepidium latifolium</i> L.	Perennial pepperweed / Perennial peppergrass
106	<i>Limnobium spongia</i> (Bosc) Steud. (= <i>Hydrocharis spongia</i> Bosc)	American spongeplant
107	<i>Limnocharis flava</i> (L.) Buchenau (= <i>Alisma flavum</i> L., <i>Limnocharis emarginata</i> Bonpl.)	Sawah flowering rush, Yellow burrhead
108	<i>Limnophila indica</i> (L.) Druce (= <i>Hottonia indica</i> L.)	Ambulia

PLANTS		
NR	Scientific Name	Common Name
109	<i>Limnophila sessiliflora</i> (Vahl) Blume (= <i>Hottonia sessiliflora</i> Vahl)	Ambulia
110	<i>Ludwigia peploides</i> (Kunth) P.H.Raven	Primrose willow, Creeping water – primrose
111	<i>Malachra alceifolia</i> Jacq.	Malachra
112	<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
113	<i>Marsilea mutica</i> Mett.	Nardoo, Australian water – clover
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)	
116	<i>Melastoma malabathricum</i> L. (= <i>Melastoma normale</i> D.Don)	Indian – rhododendron
117	<i>Melastoma</i> spp.	Melastoma species
118	<i>Menyanthes trifoliata</i> L.	Bog bean
119	<i>Miconia</i> spp.	Miconia
120	<i>Mikania cordata</i> (Burm.f.) B.L.Rob.	Mile – a – minute
121	<i>Mikania micrantha</i> Kunth	Mile – a – minute, Climbing hempweed
122	<i>Mikania scandens</i> (L.) Willd. (= <i>Eupatorium scandens</i> L., <i>Willoughbya scandens</i> (L.) Kuntze)	Climbing hempweed
123	<i>Mimosa diplotricha</i> C.Wright (= <i>M. invisa</i> Mart.)	Giant sensitive – plant
124	<i>Miscanthus floridulus</i> (Labill.) Warb. ex K.Schum. & Lauterb. (= <i>M. japonicus</i> Andersson, <i>Saccharum floridulum</i> Labill.)	Giant Chinese silver grass, Japanese silver grass
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

PLANTS		
NR	Scientific Name	Common Name
127	<i>Muhlenbergia schreberi</i> J.F.Gmel. (= <i>M. diffusa</i> Willd.)	Nimblewill
128	<i>Myagrurn 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
133	<i>Nechamandra alternifolia</i> (Roxb.) Thwaites (= <i>Vallisneria alternifolia</i> Roxb.)	
134	<i>Neyraudia reynaudiana</i> (Kunth) Keng ex Hitchc. (= <i>Arundo reynaudiana</i> Kunth)	Burma reed
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>Nymphozanthus luteus</i> (L.) Fernald, <i>N. sericeus</i> (Láng) Fernald, <i>N. vulgaris</i> Rich.)	Yellow water – lily
136	<i>Nymphoides geminata</i> (R.Br.) Kuntze (= <i>Villarsia geminata</i> R.Br.)	Entire marshwort
137	<i>Oenanthe pimpinelloides</i> L.	Water dropwort, Corky – fruit water – dropwort
138	<i>Ononis alopecuroides</i> L.	Foxtail restharrow
139	<i>Onopordum acaulon</i> L.	Stemless thistle
140	<i>Onopordum illyricum</i> L.	Illyrian thistle
141	<i>Onopordum tauricum</i> Willd.	Taurian thistle, Taurean thistle
142	<i>Orobanche cooperi</i> (A.Gray) A.Heller (= <i>O. ludoviciana</i> Nutt. var. <i>cooperi</i> (A.Gray) Beck)	Cooper's broomrape
143	<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)	Red rice, Perennial wild red rice
144	<i>Ottelia alismoides</i> (L.) Pers.	Duck – lettuce, Water –

PLANTS		
NR	Scientific Name	Common Name
		plantain ottelia
145	<i>Oxyspora paniculata</i> (D.Don) DC. (= <i>Arthrostemma paniculatum</i> D.Don)	
146	<i>Paederia cruddasiana</i> Prain	Sewer vine
147	<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.)	Skunk vine
148	<i>Panicum antidotale</i> Retz. (= <i>P. miliare</i> Lam., <i>P. proliferum</i> Lam.)	Blue panic grass
149	<i>Parietaria judaica</i> L. (= <i>P. diffusa</i> Mert. & W.D.J. Koch)	Wall pellitory
150	<i>Passiflora bicornis</i> Mill. (= <i>P. pulchella</i> Kunth)	Wingleaf passionfruit
151	<i>Pennisetum alopecuroides</i> (L.) Spreng. (= <i>Alopecurus hordeiformis</i> L., <i>Panicum alopecuroides</i> L., <i>Pennistum compressum</i> R.Br., <i>P. hordeiforme</i> (Thunb.) Spreng., <i>P. japonicum</i> Trin. ex Spreng.)	Chinese pennisetum, Swamp foxtail grass
152	<i>Pennisetum pedicellatum</i> Trin.	Kyasuwa – grass
153	<i>Pennisetum polystachion</i> (L.) Schult.	Mission grass, Thin Napier grass
154	<i>Persicaria perfoliata</i> (L.) H.Gross (= <i>Polygonum perfoliatum</i> L.)	Devil's tail tearthumb, Mile – a – minute – vine, Mile – a – minute – weed
155	<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)	Himalayan knotweed
156	<i>Physalis longifolia</i> Nutt. (= <i>P. subglabrata</i> Mack. & Bush, <i>P. virginiana</i> Mill. var. <i>sonorae</i> (Torr.) Waterf.)	Long – leaf ground-cherry
157	<i>Picnemon acarna</i> (L.) Cass.	Soldier thistle
158	<i>Piper aduncum</i> L. (= <i>P. angustifolium</i> Ruiz & Pav., <i>P. celtidifolium</i> Kunth, <i>P. elongatum</i> Vahl)	Spiked pepper, Piper
159	<i>Potamogeton perfoliatus</i> L.	Clasped pondweed
160	<i>Pontederia rotundifolia</i> L.f. (= <i>Reussia rotundifolia</i> (L.f.) A.Cast.)	Tropical pickerel – weed

PLANTS		
NR	Scientific Name	Common Name
161	<i>Prosopis alata</i> Phil.	Mesquite
162	<i>Prosopis argentina</i> Burkhart	Mesquite
163	<i>Prosopis bukartii</i> Muñoz	Mesquite
164	<i>Prosopis caldenia</i> Burkart	Mesquite
165	<i>Prosopis calingastana</i> Burkart	Cusqui, Mesquite
166	<i>Prosopis campestris</i> Griseb.	Mesquite
167	<i>Prosopis castellanosi</i> Burkart	Mesquite
168	<i>Prosopis denudans</i> Benth. (= <i>P. patagonica</i> Speg.)	Mesquite
169	<i>Prosopis elata</i> (Berkart) Burkart (= <i>P. campestris</i> Griseb. var. <i>elata</i> Burkart)	Mesquite
170	<i>Prosopis farcta</i> (Banks & Sol.) J.F. Macbr. (= <i>Mimosa farcta</i> Banks & Sol.), <i>M. stephaniana</i> M.Bieb., <i>P. stephaniana</i> (M.Bieb.) Kunth ex Spreng.)	Syrian mesquite
171	<i>Prosopis ferox</i> Griseb.	Mesquite
172	<i>Prosopis fiebrigii</i> Harms	Mesquite
173	<i>Prosopis hassleri</i> Harms	Mesquite
174	<i>Prosopis humilis</i> Gillies ex Hook. & Arn.	Mesquite
175	<i>Prosopis kuntzei</i> Harms	Mesquite
176	<i>Prosopis palmeri</i> S.Watson	Mesquite
177	<i>Prosopis reptans</i> Benth. (= <i>P. cinerascens</i> (A.Gray) Benth., <i>Strombocarpa cinerascens</i> A.Gray)	Mesquite
178	<i>Prosopis rojasiana</i> Burkart	Mesquite
179	<i>Prosopis ruizlealii</i> Burkart	Mesquite
180	<i>Prosopis ruscifolia</i> Griseb.	Mesquite
181	<i>Prosopis sericantha</i> Gillies ex Hook. & Arn.	Mesquite
182	<i>Prosopis strombulifera</i> (Lam.) Benth. (= <i>Acacia strombulifera</i> (Lam.) Willd., <i>Mimosa strombulifera</i> Lam.)	Argentine screwbean, Creeping mesquite

PLANTS		
NR	Scientific Name	Common Name
183	<i>Prosopis torquata</i> (Cav. ex Lag.) DC. (= <i>Acacia torquata</i> Cav. Ex Lag.)	Mesquite
184	<i>Pueraria phaseoloides</i> (Roxb.) Benth. (= <i>Dolichos phaseoloides</i> Roxb., <i>Neustanthus javanicus</i> Benth., <i>Pueraria javanica</i> (Benth.) Benth.)	Tropical kudzu
185	<i>Ranunculus acris</i> L. (= <i>R. friesianus</i> Jord.)	Giant buttercup
186	<i>Ranunculus sceleratus</i> L.	Celery – leaf buttercup
187	<i>Reseda phyteuma</i> L.	Rampion mignonette
188	<i>Rorippa austriaca</i> (Crantz) Besser (= <i>Nasturtium austriacum</i> Crantz)	Austrian field cress
189	<i>Rorippa sylvestris</i> (L.) Besser	Creeping yellow field cress
190	<i>Rubus anglocandicans</i> A. Newton	Blackberry
191	<i>Rubus argutus</i> Link	Prickly Florida blackberry
192	<i>Rubus ellipticus</i> Sm. (= <i>R. ellipticus</i> var. <i>obcordatus</i> (Franch.) Focke, <i>R. flavus</i> Buch.-Ham. Ex D. Don, <i>R. gowreepful</i> Roxb.)	Yellow Himalayan raspberry
193	<i>Rubus moluccanus</i> L. (= <i>R. hillii</i> F. Muell.)	Wild blackberry, Wild raspberry
194	<i>Rubus sieboldii</i> Blume	Molucca raspberry
195	<i>Saccharum spontaneum</i> L. (= <i>S. arenicola</i> Ohwi, <i>S. biflorum</i> Forssk.)	Wild sugarcane
196	<i>Sagittaria montevidensis</i> Cham. & Schltdl. (= <i>Lophotocarpus spongiosus</i> (Engelm.) J.G.Sm., <i>S. calycina</i> Engelm.)	Giant arrowhead
197	<i>Sagittaria platyphylla</i> (Engelm.) J.G.Sm. (= <i>S. graminea</i> Michx. var. <i>platyphylla</i> Engelm.)	Sagittaria, Delta 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 aethiopis</i> L.	Mediterranean sage



PLANTS		
NR	Scientific Name	Common Name
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 squalidus</i> L.	Oxford ragwort
211	<i>Senna tora</i> (L.) Roxb. (= <i>Cassia tora</i> L.)	Java bean, Sicklepod senna
212	<i>Setaria faberi</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 alnum</i> Parodi (= <i>S. bicolor</i> (L.) Moench X <i>S. halepense</i> (L.) Pers.)	Columbus grass

PLANTS		
NR	Scientific Name	Common Name
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 peaweed
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 – aloe, Soldier plant, Water – soldier
228	<i>Symphytum asperum</i> Lepech. (= <i>S. asperrimum</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> (Schreb.) Nevski)	Medusa – head, Medusa's – head
230	<i>Themeda quadrivalvis</i> (L.) Kuntze (= <i>Andropogon quadrivalvis</i> L., <i>Anthistia ciliata</i> L.f., <i>Themeda ciliata</i> (L.f.) Hack.)	Grader grass, Habana grass
231	<i>Themeda villosa</i> (Poir.) A.Camus (= <i>Anthistia 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

**PLANTS**

NR	Scientific Name	Common Name
236	<i>Vallisneria gigantea</i> Graebn.	Eelgrass
237	<i>Verbascum thapsus</i> L.	Mullein, Great mullein
238	<i>Viscum album</i> L.	European mistletoe
239	<i>Zizania latifolia</i> (Griseb.) Turcz. ex Stapf (= <i>Z. caduciflora</i> Hand.-Mazz., <i>Hydropyrum latifolium</i> Griseb.)	Manchurian wild rice
240	<i>Zygophyllum fabago</i> L. (= <i>Z. fabago</i> L. var. <i>brachycarpum</i> Boiss.)	Syrian bean – caper

**NOTICE 350 OF 2009****DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND TOURISM****NATIONAL ENVIRONMENTAL MANAGEMENT: BIODIVERSITY ACT,  
2004****LIST 3: LIST OF INVASIVE SPECIES IN TERMS OF SECTION 70**

I, Marthinus Christoffel Johannes van Schalkwyk, Minister of Environmental Affairs and Tourism, under section 70 of the National Environmental Management: Biodiversity Act, 2004 (Act No. 10 of 2004) publish for public comment, a draft list of invasive species in the Schedule.

Any person who wishes to submit written representations or comments in connection with the draft regulations are invited to do so within 30 days of the date of this notice. All written representations and comments must be submitted in writing to the Director-General of the Department of Environmental Affairs and Tourism:

By post to:                   The Director-General  
                                  Department of Environmental Affairs and Tourism:  
                                  Private Bag X447  
                                  Pretoria, 0001

Attention: Mr Bonani Madikizela

Delivered to: The Department of Environmental Affairs and  
Tourism  
Attention: Bonani Madikizela  
Fedsure Building  
315 Pretorius Street  
PRETORIA

By fax to: (012) 320 2733, and by e-mail to bmadikizela@deat.gov.za

Comments received after the closing date may not be considered.



MARTINUS VAN SCHALKWYK

MINISTER OF ENVIRONMENTAL AFFAIRS AND TOURISM

## SCHEDULE

### List 3: Listed Invasive Species

1a – Invasive species requiring compulsory control

1b – Invasive species controlled as part of an invasive species control programme

2 – Invasive species regulated by area

3 – Invasive Species regulated by activity.

Invertebrates (Terrestrial)			
No.	Scientific Name	Common Name	Category
1.	<i>Apis mellifera capensis</i> Escholtz	Cape honeybee	1a outside of natural distribution
2.	<i>Apis mellifera scutellata</i> (Lepelletier)	African honeybee	1a outside of natural distribution
3.	<i>Cosmopolites sordidus</i> (Germar)	Banana root borer	1b
4.	<i>Dirofilaria immitis</i> Leidy, 1856	Heartworm nematode	1b

5.	<i>Ditylenchus destructor</i> Thorne, 1945	Potato rot nematode	1b
6.	<i>Ditylenchus dipsaci</i> (Kühn, 1857) Filip'ev, 1936	Stem and bulb nematode	1b
7.	<i>Globodera rostochiensis</i> (Wollenweber, 1923), Behrens, 1975	Golden cyst nematode; potato cyst nematode.	1b
8.	<i>Harmonia axyridis</i> (Pallas)	Asian lady beetle	1b
9.	<i>Meloidogyne partityla</i> Kleynhans, 1986	"Pecan nut" nematode	1b
10.	<i>Radopholus similis</i> (Cobb, 1893) Thorne, 1949	Burrowing nematode	1b
11.	<i>Varroa destructor</i> Anderson & Trueman	Varroa mite	1b
12.	<i>Vespula germanica</i> (Fabricius)	European wasp	1b

Invertebrates (Freshwater)			
No.	Scientific name	Common name	Category
13.	<i>Aedes albopictus</i>	Asian tiger mosquito	1b
14.	<i>Aplexa marmorata</i>	Marbled tadpole snail	1b
15.	<i>Astacus leptodactylus</i>	Danube/Galician Crayfish	1a
16.	<i>Cherax destructor</i>	Yabby	1a
17.	<i>Cherax quadricarinatus</i>	Redclaw crayfish	1b
18.	<i>Cherax tenuimanus</i>	Marron	2
19.	<i>Lymnaea columella</i>	Amphibious pond snail	1b
20.	<i>Tarebia granifera</i>	Quilted malania	1b

Marine species			
No.	Scientific name	Common name	Category
21.	<i>Argopecten purpuratus</i> Lamarck	Chilean Scallop	2
22.	<i>Carcinus maenas</i>	European shore crab / Green crab	1b
23.	<i>Crassostrea gigas</i>	Oyster	2
24.	<i>Fenneropenaeus indicus</i>	Prawn	2
25.	<b><u>Fenneropenaeus monodon</u></b>	Prawn	2
26.	<i>Johnius spp</i>	Small Kob	2
27.	<i>Litopenaeus vannamei</i>	White shrimp	2
28.	<i>Mytilus galloprovincialis</i>	Mussels	2

Freshwater fish			
No.	Scientific name	Common name	Category
29.	<i>Clarias fariapinus</i>	sharptooth catfish	2
30.	<i>Ctenopharyngodon idella</i>	grass carp	1b
31.	<i>Ctenopharyngodon idella</i>	grass carp (triploid)	2
32.	<i>Cyprinus carpio</i>	carp	2
33.	<i>Hypophthalmichthys molitrix</i>	silver carp	1b
34.	<i>Labeo capensis</i>	Orange river mudfish	2
35.	<i>Labeo umbratus</i>	moggel	2

36.	<i>Labeobarbus aeneus</i>	Orange-Vaal smallmouth yellowfish	2
37.	<i>Labeobarbus capensis</i>	Cianwilliam yellowfish	2
38.	<i>Labeobarbus natalensis</i>	KwaZulu-Natal yellowfish	2
39.	<i>Labeobarbus polylepis</i>	Lowveld largescale yellowfish	2
40.	<i>Lepomis macrochirus</i>	bluegill sunfish	1b
41.	<i>Micropterus dolomieu</i>	smallmouth bass	2
42.	<i>Micropterus punctulatus</i>	spotted bass	2
43.	<i>Micropterus salmoides</i>	largemouth bass	2
44.	<i>Oncorhynchus mykiss</i>	rainbow trout	2
45.	<i>Oreochromis mossambicus</i>	Mozambique tilapia	2
46.	<i>Oreochromis niloticus</i>	Nile tilapia and hybrids	2
47.	<i>Oreochromis niloticus</i> x <i>Oreochromis mossambicus</i>	Nile tilapia x Mozambique tilapia	2
48.	<i>Salmo trutta</i>	brown trout	2
49.	<i>Sandelia capensis</i>	Cape kurper	1b
50.	<i>Tilapia rendalli</i>	redbreast tilapia	2
51.	<i>Tilapia sparrmanii</i>	banded tilapia	1b
52.	Unless otherwise listed, all fertile hybrids where at least one parent is an indigenous species		1a

Reptiles and Amphibians			
No.	Scientific name	Common name	Category
53.	<b><u>Hyperolius marmoratus</u></b>	Frog, painted reed	2
54.	<i>Gekko gekko</i>	Gecko, Tokay	3
55.	<i>Iguana iguana</i>	Iguana, green	3
56.	<i>Anolis carolinensis</i>	Anole, green	1a in KZN
57.	<i>Basiliscus plumifrons</i>	Basilisk, plumed	1a in KZN
58.	<i>Bitis gabonica</i> All Gaboon adder subspecies (including the West African Gaboon Adder <i>Bitis gabonica rhinoceros</i> ) and ecotypes, except the Maputaland ecotype		1a in KZN
59.	<i>Bitis nasicornis</i>	Viper, rhinoceros	1a in KZN
60.	<i>Brachylophus fasciatus</i>	Iguana, banded	1a in KZN
61.	<i>Chamaeleo jacksonii</i>	Chameleon, Jackson's	1a in KZN
62.	<i>Chamaeleo melleri</i>	Chameleon, Meller's	1a in KZN
63.	<i>Corallus enhydris</i>	Boa, garden tree	1a in KZN
64.	<i>Crotalus cerastes</i>	Sidewinder	1a in KZN
65.	<i>Crotalus durissus</i>	Rattlesnake, neotropical	1a in KZN
66.	<i>Crotalus enyo</i>	Rattlesnake, Californian	1a in KZN
67.	<i>Crotalus lepidus</i>	Rattlesnake, rock	1a in KZN
68.	<i>Crotalus ruber</i>	Rattlesnake, red diamondback	1a in KZN
69.	<i>Crotalus vegrandis</i>	Rattlesnake, Uracoan	1a in KZN
70.	<i>Dendroaspis jamesoni</i>	Mamba, Jamesons	1a in KZN

71.	<i>Dendroaspis viridis</i>	Mamba, West African green	1a in KZN
72.	<i>Dendrobates</i> spp.	Poison arrow frogs	1a in KZN
73.	<i>Elaphe mandarina</i>	Ratsnake, Mandarin	1a in KZN
74.	<i>Elaphe porphyracea</i>	Ratsnake, bamboo	1a in KZN
75.	<i>Elaphe taeniura</i>	Ratsnake, striped tailed	1a in KZN
76.	<i>Furcifer oustaleti</i>	Chameleon, Oustalets	1a in KZN
77.	<i>Furcifer pardalis</i>	Chameleon, Panther	1a in KZN
78.	<i>Heloderma suspectum</i>	Monster, Gila	1a in KZN
79.	<i>Lachesis muta</i>	Bushmaster	1a in KZN
80.	<i>Liasis fuscus</i>	Python, water	1a in KZN
81.	<i>Liasis mackloti</i>	Python, freckled	1a in KZN
82.	<i>Morelia amethistina</i>	Python, Amethystine	1a in KZN
83.	<i>Morelia boeleni</i>	Python, Boelens/Black	1a in KZN
84.	<i>Morelia spilotes</i>	Python, carpet/diamond	1a in KZN
85.	<i>Naja kaouthia</i>	Cobra, monocled	1a in KZN
86.	<i>Ophiophagus hannah</i>	Cobra, king	1a in KZN
87.	<i>Python molurus</i>	Python, Indian/Burmese	1a in KZN
88.	<i>Python regius</i>	Python, Royal	1a in KZN
89.	<i>Python reticulatus</i>	Python, reticulated	1a in KZN
90.	<i>Rhacodactylus auriculatus</i>	Gecko, Gargoyle	1a in KZN (risk assessment required)
91.	<i>Spilotes pullatus</i>	Snake, chicken	1a in KZN
92.	<i>Trimeresurus albolabris</i>	Viper, white lipped tree	1a in KZN
93.	<i>Trimeresurus purpureomaculatus</i>	Pitviper, Mangrove	1a in KZN
94.	<i>Tropidolaemus wagleri</i>	Viper, temple	1a in KZN
95.	<i>Uroplatus fimbriatus</i>	Gecko, common leaf tailed	1a in KZN
96.	<i>Uroplatus henkeli</i>	Gecko, Henkels leaf tailed	1a in KZN
97.	<i>Uroplatus phantasticus</i>	Gecko, mossy tailed	1a in KZN
98.	<i>Varanus komodoensis</i>	Dragon, Komodo	1a in KZN
99.	<i>Varanus salvator</i>	Monitor, Indonesian water	1a in KZN
100.	<i>Xenopus laevis</i> x <i>Xenopus gilli</i>	Clawed toad, African x Platanna, Cape	1b
101.	<i>Chelydra serpentina</i>	Turtle, common snapper	1a
102.	<i>Trachemys</i> spp.	Slider, red-eared	1a
103.	<i>Rhinotyphlops</i> spp		1a
104.	<i>Python natalensis</i> x <i>Python molurus</i>	Southern African python x Burmese python	1a
105.	<i>Bitis gabonica</i> x <i>Bitis</i> species	Gaboon adder x Any other <i>Bitis</i> species	1a
106.	Unless otherwise listed, all hybrids where at least one parent is an indigenous species	Hybrids	1a



<b>Birds</b>			
<b>No.</b>	<b>Scientific name</b>	<b>Common name</b>	<b>Category</b>
107.	<i>Acridotheres tristis</i>	Myna, Indian	1b
108.	<i>Alectoris chukar</i>	Partridge, Chukar	2 on main-land; 1b on islands
109.	All hybrids with at least one parent species that is indigenous.	All hybrids with at least one parent species that is indigenous.	1a
110.	<i>Anas platyrhynchos</i>	Duck, Mallard	1b
111.	<i>Anas platyrhynchos</i> x <i>Anas sparsa</i>	Mallard x African black duck	1b
112.	<i>Anas platyrhynchos</i> x <i>Anas undulata</i>	Mallard x Yellow-billed duck	1b
113.	<i>Anas platyrhynchos</i> x Any other indigenous duck species	Mallard x Any other indigenous duck species	1b
114.	<i>Anthropoides paradiseus</i> x <i>Bugeranus carunculatus</i>	Blue crane x Wattled crane	1b
115.	<i>Corvus splendens</i>	Crow, Indian House	1b
116.	<i>Dendrocygna viduata</i> x <i>Dendrocygna eytoni</i>	White-faced duck x Plumed whistling duck	1b
117.	<i>Fringilla coelebs</i>	Chaffinch	1a in KZN
118.	<i>Gracula religiosa</i>	Myna, Hill	1b
119.	<i>Numida meleagris galeata</i>	Guineafowl, Helmeted (West African)	3
120.	<i>Numida meleagris</i> x <i>Numida meleagris</i>	Helmeted guineafowl x Domesticated guineafowl	1b
121.	<i>Sturnus vulgaris</i>	Starling, Eurasian	1b
122.	<i>Vidua macroura</i> x <i>Vidua chalybeata</i>	Pin-tailed whydah x Village indigobird	1b

<b>Alien Mammals</b>			
<b>No.</b>	<b>Scientific name</b>	<b>Common name</b>	<b>Category</b>
123.	<i>Sus scrofa</i>	Pig, Feral	1b
124.	<i>Hemitragus jemlahicus</i>	Himalayan tahr	1b
125.	<i>Capra hircus</i>	Goat, feral	1b for islands
126.	<i>Rattus norvegicus</i>	Rat, brown	1b for islands
127.	<i>Rattus rattus</i>	Rat, house	1b for islands
128.	<i>Felis catus</i>	Cat, domestic	1b for islands
129.	<i>Oryctolagus cuniculus</i>	Rabbit, European	1b for islands
130.	<i>Mus musculus</i>	Mouse, House	1b for islands
131.	<i>Addax nasomaculatus</i>	Addax	2
132.	<i>Aepyceros melampus petersi</i>	Impala, black-faced	2
133.	<i>Ammotragus lervia</i>	Sheep, Barbary	2
134.	<i>Antilope cervicapra</i>	Blackbuck, Indian	2
135.	<i>Axis axis</i>	Deer, Axis (Chital)	2
136.	<i>Axis porcinus</i>	Deer, Hog	2
137.	<i>Boselaphus tragocamelus</i>	Nilgai	2

138.	<i>Cervus elaphus</i>	Deer, red	2
139.	<i>Cervus nippon</i>	Deer, Sika	2
140.	<i>Dama dama</i>	Deer, Fallow	2
141.	<i>Diceros bicornis michaeli</i>	Rhinoceros, Black Kenya	2
142.	<i>Elaphurus davidianus</i>	Deer, Pere David's	2
143.	<i>Hippotragus koba</i>	Roan, Western	2
144.	<i>Kobus ellipsiprymnus crawshayi</i>	Waterbuck, Crawshay's Zambia	2
145.	<i>Kobus vardonii</i>	Puku	2
146.	<i>Kobus kafuensis</i>	Kafue lechwe	2
147.	<i>Oryx dammah</i>	Oryx, scimitar-horned	2
148.	<i>Ovis musimon</i>	Mouflon	2
149.	<i>Rusa unicolor</i>	Deer, Sambar	2
150.	<i>Tragelaphus livingstonii</i>	Livingstone's eland	2
151.	<i>Tragelaphus spekii</i>	Sitatunga	2
152.	<i>Hydrochaeris hydrochaeris</i>	Cappybara	3
153.	<i>Kobus ellipsiprymnus defassa</i>	Waterbuck, Defassa Kenya	3
154.	<i>Myocastor coypus</i>	Coypu	3
155.	<i>Tragelaphus derbianus</i>	Eland, Derby	3
156.	<i>Erythrocebus patas</i>	Patas monkey	1a in KZN
157.	<i>Sciurus carolinensis</i>	Grey squirrel	1a in KZN
158.	<i>Kobus leche</i>	Lechwe, Red	2
159.	<i>Alcelaphus lichtensteinii</i>	Hartebeest, Lichtenstein's	2
160.	<i>Tragelaphus euryceros</i>	Bongo	1a
161.	<i>Tragelaphus imberbis</i>	Lesser kudu	1a
162.	<i>Madoqua kirkii</i>	Dik Dik, Damara	1a

**Indigenous Mammals**

No.	Scientific name	Common name	Category
163.	<i>Cephalophus natalensis</i>	Duiker, red	2
164.	<i>Cercopithecus mitis</i>	Monkey, Samango	2
165.	<i>Connochaetes gnou</i>	Wildebeest, black	2
166.	<i>Connochaetes taurinus taurinus</i>	Wildebeest, blue	2
167.	<i>Damaliscus pygargus phillipsi</i>	Blesbok	2
168.	<i>Damaliscus pygargus pygargus</i>	Bontebok	2
169.	<i>Diceros bicornis</i>	Rhinoceros, Black south-western	2
170.	<i>Diceros bicornis minor</i>	Rhinoceros, Black south-central	2
171.	<i>Equus zebra hartmannae</i>	Zebra, Hartmann's mountain	2
172.	<i>Equus zebra zebra</i>	Zebra, Cape mountain	2
173.	<i>Neotragus moschatus zuluensis</i>	Suni	2
174.	<i>Oreotragus oreotragus</i>	Klipspringer	2

175.	<i>Pelea capreolus</i>	Rhebok, grey	2
176.	<i>Phacochoerus africanus</i>	Warthog	2
177.	<i>Philantomba monticola</i>	Duiker, blue	2
178.	<i>Potamochoerus larvatus koiropotamus</i>	Bushpig	2
179.	<i>Raphicerus campestris</i>	Steenbok	2
180.	<i>Raphicerus melanotis</i>	Grysbok, Cape	2
181.	<i>Raphicerus sharpei</i>	Grysbok, Sharpe's	2
182.	<i>Redunca arundinum arundinum</i>	Reedbuck, Southern	2
183.	<i>Redunca fulvorufula</i>	Reedbuck, mountain	2
184.	<i>Silvicapra grimmia</i>	Duiker, Grey	2
185.	<i>Tragelaphus oryx oryx</i>	Drakensberg Eland	2
186.	<i>Kobus ellipsiprymnus</i>	Waterbuck	2
187.	<i>Aepyceros melampus melampus</i>	Impala	2
188.	<i>Chlorocebus aethiops</i>	Monkey, Vervet	2
189.	<i>Giraffa camelopardalis capensis</i>	Giraffe	2
190.	<i>Ourebia ourebi</i>	Oribi	2
191.	<i>Papio ursinus</i>	Baboon	2
192.	<i>Tragelaphus angasii</i>	Nyala	2
193.	<i>Tragelaphus scriptus</i>	Bushbuck	2
194.	<i>Connochaetes gnou x C. taurinus taurinus</i>	Hybrid	1a
195.	<i>Damaliscus pygargus phillipsi x Damaliscus pygargus pygargus</i>	Hybrid	1a
196.	<i>Aepyceros melampus melampus x Aepyceros melampus petersi hybrids</i>	Impala x Black-faced impala	1a
197.	<i>Tragelaphus oryx x Tragelaphus strepsiceros hybrids</i>	Eland x Greater kudu	1a
198.	<i>Alcelaphus buselaphus x Damaliscus pygargus phillipsi hybrids</i>	Red hartebeest x Blesbok	1a
199.	<i>Alcelaphus buselaphus x Damaliscus lunatus</i>	Red hartebeest x Tsessebe	1a
200.	Unless listed elsewhere, all hybrids where at least one of the parents is an indigenous species	Hybrids	1a

### Plants

No	Scientific Name	Common Name	Category
1	<i>Acacia baileyana</i> F.Muell.	Bailey – se – wattel / Bailey's wattle	3
2	<i>Acacia cyclops</i> A.Cunn. ex G.Don	Rooikrans / Red eye	2
3	<i>Acacia dealbata</i> Link	Silverwattel / Silver wattle	1b
4	<i>Acacia decurrens</i> Willd.	Groenwattel /	2 in KwaZulu Natal,

Plants			
No	Scientific Name	Common Name	Category
		Green wattle	Mpumalanga and Eastern Cape; 1b in the rest of South Africa
5	<i>Acacia elata</i> A.Cunn. ex Benth. ( <i>Acacia terminalis</i> misapplied in South Africa)	Peperboomwattel / Pepper tree wattle	1b
6	<i>Acacia implexa</i> Benth.	Screw pod wattle	1a
7	<i>Acacia longifolia</i> (Andrews) Willd.	Langblaarwattel / Long – leaved wattle	1b
8	<i>Acacia mearnsii</i> De Wild.	Swartwattel / Black wattle	2
9	<i>Acacia melanoxylon</i> R.Br.	Australiese swarthout / Australian blackwood	2 in Western and Eastern Cape; 1b in the rest of South Africa
10	<i>Acacia paradoxa</i> DC. (= <i>A. Armata</i> R.Br.)	Kangaroo wattle	1a
11	<i>Acacia pendula</i> A.Cunn. ex G.Don	Weeping myall	3
12	<i>Acacia podalyrifolia</i> A.Cunn. ex G.Don	Vaal mimosa / Pearl acacia	1b
13	<i>Acacia pycnantha</i> Benth.	Gouewattel / Golden wattle	1b
14	<i>Acacia saligna</i> (Labill.) H.L.Wendl.	Port Jackson / Port Jackson willow	1b
15	<i>Acacia stricta</i> (Andrews) Willd.	Hop wattle	1a
16	<i>Acer buergerianum</i> Miq.	Chinese ahorn / Chinese maple	3
17	<i>Acer negundo</i> L.	Essenblaarahorn, Kaliforniese esdoring / Ash – leaved maple, Box elder	3
18	<i>Agave americana</i> L. var. <i>expansa</i> (Jacobi) Gentry	Garingboom / Spreading century – plant	1b in Western Cape
19	<i>Agave sisalana</i> Perrine	Garingboom / Sisal hemp, Sisal	2
20	<i>Ageratina adenophora</i> (Spreng.) R.M.King & H.Rob. (= <i>Eupatorium adenophorum</i> Spreng.)	Crofton weed	1b
21	<i>Ageratina riparia</i> (Regel) R.M.King & H.Rob. (= <i>Eupatorium riparium</i> Regel)	Misblom / Mistflower	1b
22	<i>Ageratum conyzoides</i> L.	Indringer – ageratum / Invading ageratum	1b
23	<i>Ageratum houstonianum</i> Mill. Excluding cultivars under investigation	Mexikaanse ageratum / Mexican ageratum	1b
24	<i>Agrimonia procera</i> Wallr. (= <i>A. odorata</i> Mill.)	Akkermonie, Geelklits / Scented agrimony	1b
25	<i>Agrostis castellana</i> Boiss. & Reut.	Bent grass	1a Prince Edward Island; 1b Marion Island
26	<i>Agrostis gigantea</i> Roth	Black bent grass, redtop	1a Prince Edward and

Plants			
No	Scientific Name	Common Name	Category
			Marion Islands
27	<i>Agrostis stolonifera</i> L.	Creeping bent grass	1a Prince Edward Island; 1b Marion Island
28	<i>Ailanthus altissima</i> (Mill.) Swingle	Hemelboom / Tree – of – heaven	1b
29	<i>Albizia lebbbeck</i> (L.) Benth.	Lebbeckboom / Lebbeck tree	1b
30	<i>Albizia procera</i> (Roxb.) Benth.	Basterlebbeck / False lebbeck	1b
31	<i>Alhagi maurorum</i> Medik. (= <i>A. camelorum</i> Fisch.)	Kameeldoringbos / Camel thorn bush	1b
32	<i>Alisma plantago – aquatica</i> L.	Wateralisma, Padda lepel / Mud plantain, Water alisma	1b
33	<i>Alnus glutinosa</i> (L.) Gaertn.	Swartels / Black alder	3
34	<i>Alopecurus geniculatus</i> L. (= <i>A. australis</i> Nees)	Marsh foxtail, Water foxtail	1a Prince Edward and Marion Islands
35	<i>Alpinia zerumbet</i> (Pers.) B.L. Burtt & R.M. Sm. (= <i>A. speciosa</i> (J.C. Wendl.) Schum.)	Skulpgemmer, Pienkporseleinlelie / Shell ginger, Pink porcelain lily	3
36	<i>Ammophila arenaria</i> (L.) Link	Marram grass	2
37	<i>Anredera cordifolia</i> (Ten.) Steenis ( <i>A. baselloides</i> misapplied in South Africa)	Madeira ranker / Madeira vine, Bridal wreath	1b
38	<i>Antigonon leptopus</i> Hook. & Arn.	Koraalklimop / Coral creeper	1b
39	<i>Araujia sericifera</i> Brot.	Motvanger / Moth catcher	1b
40	<i>Ardisia crenata</i> Sims ( <i>Ardisia crispa</i> misapplied in South Africa)	Koraalbessieboom / Coralberry tree, Coral Bush	1b
41	<i>Ardisia elliptica</i> Thunb (= <i>A. humilis</i> Vahl)	Shoebuttan ardisia	1b
42	<i>Argemone mexicana</i> L.	Geelblom – bloudissel / Yellow – flowered Mexican poppy	1b
43	<i>Argemone ochroleuca</i> Sweet subsp. <i>ochroleuca</i> (= <i>A. subfusiformis</i> G.B. Ownbey)	Witblom – bloudissel / White – flowered Mexican poppy	1b
44	<i>Aristolochia elegans</i> Mast.	Sisblom / Dutchman's pipe	1b
45	<i>Arundo donax</i> L.	Spaanse riet / Giant reed	1b
46	<i>Atriplex inflata</i> F. Muell. (= <i>A. lindleyi</i> Moq. subsp. <i>inflata</i> (F. Muell.) Paul G. Wilson)	Blasiesoutbos / Sponge – fruit saltbush	1b
47	<i>Atriplex nummularia</i> Lindl. Subsp. <i>Nummularia</i>	Oumansoutbos / Old man saltbush	2

Plants			
No	Scientific Name	Common Name	Category
48	<i>Azolla filiculoides</i> Lam.	Rooiwatervaring / Azolla, Red water fern	1b
49	<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
50	<i>Bartlettina sordida</i> (Less.) R.M. King & H.Rob. (= <i>Eupatorium atrorubens</i> (Lem.) G.Nicholson, <i>E. sordidum</i> Less.)	Bartlettina	1b
51	<i>Bauhinia purpurea</i> L.	Skoenlapperorgideëboom / Butterfly orchid tree	1b in Kwa Zulu – Natal, Limpopo, Mpumalanga and Eastern Cape; 3 in the rest of South Africa
52	<i>Bauhinia variegata</i> L.	Orgideëboom / Orchid tree	1b in Kwa Zulu – Natal, Limpopo, Mpumalanga and Eastern Cape; 3 in the rest of South Africa
53	<i>Berberis thunbergii</i> DC. Excluding cultivars under investigation	Japanse berberis / Japanese barberry	3
54	<i>Billardiera heterophylla</i> (Lindl.) L.W.Cayzer & Crisp (= <i>Sollya heterophylla</i> Lindl.)	Bluebell creeper	1a
55	<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
56	<i>Bryophyllum pinnatum</i> (Lam.) Oken	Cathedral bells	1b
57	<i>Bryophyllum proliferum</i> Bowie (= <i>Kalanchoe prolifera</i> (Bowie) Raym.- Haymet)	Green mother of millions	1b
58	<i>Buddleja davidii</i> Franch.	Chinese saliehout / Chinese sagewood, Summer lilac	3
59	<i>Buddleja madagascariensis</i> Lam.	Madagaskarsaliehout / Madagascar sagewood	3
60	<i>Cabomba caroliniana</i> A.Gray	Cabomba, Carolina fanwort	1a
61	<i>Caesalpinia decapetala</i> (Roth) Alston (= <i>C. sepiaria</i> Roxb.)	Kraaldoring / Mauritius thorn	1b
62	<i>Caesalpinia gilliesii</i> (Hook.) D.Dietr.	Paradysvoëlblom / Bird – of – paradise flower	1b
63	<i>Callisia repens</i> (Jacq.) L.	Creeping inch plant	1b
64	<i>Callistemon citrinus</i> (Curtis) Skeels	Lemoenperdestert / Lemon bottlebrush	3
65	<i>Callistemon rigidus</i> R.Br.	Perdestert / Stiff – leaved bottlebrush	1b in Western and Eastern Cape; 3 in the rest of South Africa

Plants			
No	Scientific Name	Common Name	Category
66	<i>Callistemon viminalis</i> (Sol. ex Gaertn.) G.Don Excluding cultivars under investigation	Treurperdestert / Weeping bottlebrush	1b in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape; 3 in the rest of South Africa
67	<i>Calotropis procera</i> (Aiton) W.T.Aiton	Calotropis, Giant – milkweed	1b
68	<i>Campuloclinium macrocephalum</i> (Less.) DC. (= <i>Eupatorium macrocephalum</i> Less.)	Pom – pom bossie / Pom pom weed	1b in Gauteng, North West, Limpopo and Mpumalanga; 1a in the rest of South Africa
69	<i>Canna indica</i> L. Excluding hybrid cultivars	Indiese kanna / Indian shot	1b
70	<i>Cardiospermum grandiflorum</i> Sw.	Blaasklimop / Balloon vine	1b
71	<i>Cardiospermum halicacabum</i> L.	Blaasklimop / Lesser balloon vine	3
7	<i>Casuarina cunninghamiana</i> Miq.	Kasuarisboom / Beefwood	2 within 100m of any natural ecosystem or untransformed land
73	<i>Casuarina equisetifolia</i> L.	Perdestertboom / Horsetail tree	2
74	<i>Catharanthus roseus</i> (L.) G.Don Excluding hybrids	Begraafplaasblom / Madagascar periwinkle	3
75	<i>Celtis australis</i> L.	Netelboom / Nettle tree, European hackberry	3
76	<i>Celtis occidentalis</i> L.	Vals witstinkhout / Common hackberry	3
77	<i>Cerastium fontanum</i> Baumg.	Common mouse – ear chickweed	1b Prince Edward and Marion Islands
78	<i>Cereus jamacaru</i> DC. ( <i>C. peruvianus</i> misapplied in South Africa)	Nagblom / Queen of the night	1b
79	<i>Cestrum</i> spp	Sestrum spp. / Cestrum spp.	1b
80	<i>Chondrilla juncea</i> L.	Skeleton weed	1a
81	<i>Chromolaena odorata</i> (L.) R.M.King & H.Rob. (= <i>Eupatorium odoratum</i> L.)	Paraffienbos / Triffid weed, Chromolaena	1b in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape; 1a in the rest of South Africa
82	<i>Cichorium intybus</i> L.	Sigorei / Chicory	2
83	<i>Cinnamomum camphora</i> (L.) J.Presl	Kanferboom / Camphor tree	1b in KwaZulu – Natal, Mpumalanga, Eastern Cape, Southern Cape
84	<i>Cirsium japonicum</i> Fisch. ex DC.	Japanese thistle	1b
85	<i>Cirsium vulgare</i> (Savi) Ten. (= <i>C. lanceolatum</i> (L.) Scop.)	Speerdissel, Skotse dissel / Spear thistle, Scotch	1b

Plants			
No	Scientific Name	Common Name	Category
		thistle	
86	<i>Coffea arabica</i> L. Excluding cultivars	Koffieboom / Coffee tree	3
87	<i>Convolvulus arvensis</i> L.	Akkerwinde, Klimop / Field bindweed, Wild morning – glory	1b
88	<i>Coreopsis lanceolata</i> L. Excluding hybrids	Coreopsis / Tickseed	3
89	<i>Cortaderia jubata</i> (Lemoine ex Carrière) Stapf	Pampasgras / Pampas grass	1b in Gauteng; 1a in the rest of South Africa
90	<i>Cortaderia selloana</i> (Schult.) Asch. & Graebn. Excluding cultivars under investigation	Pampasgras, Silwergras / Pampas grass	1b in Western and Eastern Cape, KwaZulu – Natal and Gauteng; 1a in the rest of South Africa
91	<i>Cotoneaster franchetii</i> Bois	Oranje cotoneaster / Cotoneaster	1b
92	<i>Cotoneaster glaucophyllus</i> Franch.	Bloudwergmispel / Late cotoneaster	1b
93	<i>Cotoneaster pannosus</i> Franch.	Silwerdwergmispel / Silver leaf cotoneaster	1b
94	<i>Cotoneaster salicifolius</i> Franch.	Willow – leaved showberry	1b
95	<i>Cotoneaster simonsii</i> Baker	Himalayan cotoneaster, Simon's cotoneaster	1b
96	<i>Crotalaria agatiflora</i> Schweinf.	Voeltjebos / Canarybird bush, bird flower	1a
97	<i>Cryptostegia grandiflora</i> R.Br.	Rubberklimop / Rubber vine	1a
98	<i>Cryptostegia madagascariensis</i> Bojer ex Decne.	Madagascar rubber vine	1a
99	<i>Cuscuta campestris</i> Yunck.	Gewone dodder / Common dodder	1b
100	<i>Cuscuta suaveolens</i> Ser.	Luserndodder / Lucerne dodder	1b
101	<i>Cytisus scoparius</i> (L.) Link (= <i>Genista scoparia</i> (L.) Lam.)	Skotse brem / Scotch broom	1a
102	<i>Datura ferox</i> L.	Grootstinkblaar / Large thorn apple	1b
103	<i>Datura innoxia</i> Mill.	Harige stinkblaar / Downy thorn apple	1b
104	<i>Datura stramonium</i> L.	Gewone stinkblaar / Common thorn apple	1b
105	<i>Diplocyclos palmatus</i> (L.) C.Jeffrey	Lollipop – climber	1a
106	<i>Duchesnea indica</i> (Andrews) Focke	Wilde – aarbei / Wild strawberry	1b
107	<i>Duranta erecta</i> L. (= <i>D. repens</i> L., <i>D. plumieri</i> Jacq.) Excluding cultivars under investigation	Vergeet – my – nie – boom / Forget – me – not – tree,	3



Plants			
No	Scientific Name	Common Name	Category
		Pigeon berry	
108	<i>Echinodorus cordifolius</i> (L.) Griseb.	Creeping burhead	1b
109	<i>Echinodorus tenellus</i> (Mart. ex Schult.f.) Buchenau	Amazon sword plant	1b
110	<i>Echinopsis spachiana</i> (Lem.) Friedrich & G.D. Rowley (= <i>Trichocereus spachianus</i> (Lem.) Riccob.)	Orrelkaktus / Torch cactus	1b
111	<i>Echium plantagineum</i> L. (= <i>E. lycopsis</i> L.)	Pers echium / Patterson's curse	1b
112	<i>Echium vulgare</i> L.	Blou – echium / Blue echium	1b
113	<i>Egeria densa</i> Planch. (= <i>Elodea densa</i> (Planch.) Casp.)	Waterpes / Dense water weed	1b
114	<i>Eichhornia crassipes</i> (Mart.) Solms	Waterhiasint / Water hyacinth	1b
115	<i>Elodea canadensis</i> Michx.	Kanadese waterpes / Canadian water weed	1b
116	<i>Elytrigia repens</i> (L.) Desv. ex Nevski (= <i>Agropyron repens</i> (L.) P. Beauv., <i>Elymus repens</i> (L.) Gould)	Bloukweek / Couch grass	1a Prince Edward and Marion Islands
117	<i>Equisetum hyemale</i> L.	Rough horsetail, Common scouring – rush	1a
118	<i>Eriobotrya japonica</i> (Thunb.) Lindl.	Lukwart / Loquat	3
119	<i>Eucalyptus camaldulensis</i> Dehnh. And hybrids with <i>E. tereticornis</i> Sm.	Rooibloekom / River red gum	2 where more than 50 stems within 5,000 square metres (half of one hectare). (The demarcation can be for areas broader than individual properties within urban boundaries.) 1b within riparian areas, wetlands, declared mountain catchment areas, designated high fire – risk areas, or within a protected area declared in terms of NEM: PAA (Act 57 of 2003), or within a listed ecosystem or where it may be required in terms of a bioregional plan or biodiversity management plans published under NEM:BA (Act 10 of 2004)
120	<i>Eucalyptus cladocalyx</i> F. Muell.	Suikerbloekom / Sugar gum	2 within, or within 50 metres from, fire –

Plants			
No	Scientific Name	Common Name	Category
			<p>prone vegetation in the fynbos, grassland and savannah biomes. (The demarcation can be for areas broader than individual properties within urban boundaries.)</p> <p>1b within riparian areas, wetlands, declared mountain catchment areas, or within a protected area declared in terms of NEM: PAA (Act 57 of 2003), or within a listed ecosystem or where it may be required in terms of a bioregional plan or biodiversity management plans published under NEM:BA (Act 10 of 2004)</p>
121	<i>Eucalyptus conferruminata</i> D.J.Carr & S.G.M.Carr ( <i>E. lehmannii</i> misapplied in South Africa)	Spinnekopbloekom / Spider gum	<p>2 within, or within 50 metres from, fire – prone vegetation in the fynbos, grassland and savannah biomes. (The demarcation can be for areas broader than individual properties within urban boundaries.)</p> <p>1b within riparian areas, wetlands, declared mountain catchment areas, or within a protected area declared in terms of NEM: PAA (Act 57 of 2003), or within a listed ecosystem or where it may be required in terms of a bioregional plan or biodiversity management plans published under NEM:BA (Act 10 of 2004)</p>
122	<i>Eucalyptus diversicolor</i> F.Muell.	Karie / Karri	2 where more than 50 stems within 5,000 square metres (half of

Plants			
No	Scientific Name	Common Name	Category
			one hectare). (The demarcation can be for areas broader than individual properties within urban boundaries.) 1b within riparian areas, wetlands, declared mountain catchment areas, designated high fire – risk areas, or within a protected area declared in terms of NEM: PAA (Act 57 of 2003), or within a listed ecosystem or where it may be required in terms of a bioregional plan or biodiversity management plans published under NEM:BA (Act 10 of 2004)
123	<i>Eucalyptus grandis</i> W.Hill ex Maiden ( <i>E. saligna</i> Sm. in part) and hybrids	Salignabloekom / Saligna gum, Rose gum	2 where more than 50 stems within 5,000 square metres (half of one hectare). (The demarcation can be for areas broader than individual properties within urban boundaries.) 1b within riparian areas, wetlands, declared mountain catchment areas, designated high fire – risk areas, or within a protected area declared in terms of NEM: PAA (Act 57 of 2003), or within a listed ecosystem or where it may be required in terms of a bioregional plan or biodiversity management plans published under NEM:BA (Act 10 of 2004)
124	<i>Eucalyptus tereticornis</i> Sm. and hybrids with <i>E. camaldulensis</i> Dehnh.	Bosrooibloekom / Forest red gum	2 where more than 50 stems within 5,000 square metres (half of one hectare). (The

Plants			
No	Scientific Name	Common Name	Category
			demarcation can be for areas broader than individual properties within urban boundaries.) 1b within riparian areas, wetlands, declared mountain catchment areas, designated high fire – risk areas, or within a protected area declared in terms of NEM: PAA (Act 57 of 2003), or within a listed ecosystem or where it may be required in terms of a bioregional plan or biodiversity management plans published under NEM:BA (Act 10 of 2004)
125	<i>Eugenia uniflora</i> L.	Pitanga / Pitanga, Surinam cherry	1
126	<i>Euphorbia esula</i> L. (= <i>E. xpseudovirgata</i> (Schur) Soó, <i>E. tommasiniana</i> Bertol., <i>E. virgata</i> Waldst. & Kit.)	Leafy spurge	1a
127	<i>Euphorbia leucocephala</i> Lotz	White poinsettia	1b
128	<i>Fallopia sachalinensis</i> (F.Schmidt) Ronse Decr. (= <i>Polygonum sachalinense</i> F.Schmidt, <i>Reynoutria sachalinensis</i> (F.Schmidt) Nakai)	Giant knotweed	1a
129	<i>Festuca rubra</i> L.	Creeping red fescue	1a Prince Edward and Marion Islands
130	<i>Flaveria bidentis</i> (L.) Kuntze	Smeltersbossie / Smelter's – bush	1b
131	<i>Foeniculum vulgare</i> Mill. Excluding cultivars under investigation	Vinkel / Fennel	2 in Western Cape
132	<i>Fraxinus americana</i> L.	Amerikaanse esseboom / American ash	3
133	<i>Fraxinus angustifolia</i> Vahl	Algeriese esseboom / Algerian ash	3
134	<i>Galium tricornutum</i> Dandy (= <i>G. tricorne</i> Stokes, pro parte)	Three – horned bedstraw, Corn – cleavers	1b
135	<i>Gaura coccinea</i> Pursh (= <i>G. odorata</i> Sessé ex Lag.)	Scarlet gaura	3
136	<i>Genista monspessulana</i> (L.) L.A.S.Johnson (= <i>Cytisus monspessulanus</i> L., <i>C. candicans</i> (L.) DC.)	Montpellierbrem / Montpellier broom	1a
137	<i>Gleditsia triacanthos</i> L.	Amerikaanse driedoring /	1b

Plants			
No	Scientific Name	Common Name	Category
	Excluding cultivars under investigation	Honey locust	
138	<i>Glyceria maxima</i> (Hartm.) Holmb. (= <i>Poa aquatica</i> L., <i>Glyceria aquatica</i> (L.) Wahlb.)	Reed meadow grass, Reed sweet grass	2
139	<i>Grevillea banksii</i> R.Br.	Australiese rooi – eik / Australian crimson oak, Red flowering silky oak	1b
140	<i>Grevillea robusta</i> A.Cunn. ex R.Br.	Australiese silwereik / Australian silky oak	1b
141	<i>Grevillea rosmarinifolia</i> A.Cunn.	Rosemary grevillea	3
142	<i>Hakea drupacea</i> (C.F.Gaertn.) Roem. & Schult. (= <i>H. suaveolens</i> R.Br.)	Soethakea / Sweet hakea	1a
143	<i>Hakea gibbosa</i> (Sm.) Cav.	Harige hakea / Rock hakea	1b
144	<i>Hakea sericea</i> Schrad. & J.C.Wendl.	Syerige hakea / Silky hakea	1b
145	<i>Harrisia martinii</i> (Labour.) Britton & Rose (= <i>Eriocereus martinii</i> (Labour.) Riccob.)	Toukaktus, <i>Harrisia</i> kaktus / Moon cactus, <i>Harrisia</i> cactus	1b
146	<i>Hedera helix</i> L. subsp. <i>canariensis</i> (Willd.) Cout. Excluding cultivars under investigation	Madeiraklimop / Canary ivy, Madeira ivy, Algerian ivy	3
147	<i>Hedera helix</i> L. subsp. <i>helix</i> Excluding cultivars under investigation	Engelse hedera / English ivy	3
148	<i>Hedychium coccineum</i> Buch.-Ham. Ex Sm	Rooigemmerlelie / Red ginger lily	1b
149	<i>Hedychium coronarium</i> J.König	Witgemmerlelie / White ginger lily	1b
150	<i>Hedychium flavescens</i> Carey ex Roscoe	Geelgemmerlelie / Yellow ginger lily	1b
151	<i>Hedychium gardnerianum</i> Sheppard ex Ker Gawl.	Kahiligemmerlelie / Kahili ginger lily	1b
152	<i>Homalanthus populifolius</i> Graham	Gebrokehartjieboom / Bleeding – heart tree	1b
153	<i>Houttuynia cordata</i> Thunb.	Chameleon plant	3
154	<i>Hydrilla verticillata</i> (L.f.) Royle	Hydrilla	1a
155	<i>Hydrocleys nymphoides</i> (Humb. & Bonpl.) ex Willd.) Buchenau	Water poppy	1a
156	<i>Hylocereus undatus</i> (Haw.) Britton & Rose	Night – blooming cereus	1b
157	<i>Hypericum androsaemum</i> L.	Tutsan	1b
158	<i>Hypericum perforatum</i> L.	Johanneskruid / St. John's wort, Tipton weed	2
159	<i>Ipomoea alba</i> L.	Maanblom / Moonflower	1b
160	<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
161	<i>Ipomoea indica</i> (Burm.) Merr.	Purperwinde /	1b

Plants			
No	Scientific Name	Common Name	Category
	(= <i>I. congesta</i> R.Br.)	Morning glory	
162	<i>Ipomoea purpurea</i> (L.) Roth	Purperwinde / Morning glory	1b
163	<i>Iris pseudacorus</i> L.	Geel iris / Yellow flag	1a
164	<i>Jacaranda mimosifolia</i> D.Don	Jakaranda / Jacaranda	1b in KwaZulu – Natal, Mpumalanga, Limpopo and North West 2 in Gauteng (can be demarcated in areas broader than individual properties) 3 in the rest of South Africa
165	<i>Jatropha curcas</i> L.	Purgeerboontjie / Physic nut	2
166	<i>Jatropha gossypifolia</i> L.	Cotton – leaf physic nut	1b
167	<i>Juniperus virginiana</i> L.	Rooiseder / Red cedar	3 in Free State and Eastern Cape
168	All seed producing species or seed producing hybrids of <i>Lantana</i> that are non – Indigenous to Africa	Lantana / Lantana, Tickberry, Cherry pie	1b
169	<i>Kunzea ericoides</i> (A.Rich.) Joy Thomps. (= <i>Leptospermum ericoides</i> A. Rich.)	Burgan, White teatree	1a
170	<i>Lepidium draba</i> L. (= <i>Cardaria draba</i> (L.) Desv.)	Peperbos / Hoary cardaria	1b
171	<i>Leptospermum laevigatum</i> (Gaertn.) F.Muell.	Australiese mirt / Australian myrtle	1b
172	<i>Leucaena leucocephala</i> (Lam.) de Wit (= <i>L. glauca</i> Benth.)	Reuse wattel / Leucaena	1a in Western Cape; 2 in the rest of South Africa
173	<i>Ligustrum japonicum</i> Thunb.	Japanse liguster / Japanese wax – leaved privet	1b in KwaZulu – Natal, Mpumalanga, Limpopo, Eastern and Western Cape, Gauteng and North West; 3 in Free State and Northern Cape
174	<i>Ligustrum lucidum</i> W.T.Aiton	Chinese blinkliguster / Chinese wax – leaved privet	1b in KwaZulu – Natal, Mpumalanga, Limpopo, Eastern and Western Cape, Gauteng and North West; 3 in Free State and Northern Cape
175	<i>Ligustrum ovalifolium</i> Hassk. Excluding cultivars under investigation	Kaliforniese liguster / Californian privet	1b in KwaZulu – Natal, Mpumalanga, Limpopo, Eastern and Western Cape, Gauteng and North West; 3 in Free State and Northern Cape;

Plants			
No	Scientific Name	Common Name	Category
176	<i>Ligustrum sinense</i> Lour	Chinese liguster / Chinese privet	1b in KwaZulu – Natal, Mpumalanga, Limpopo, Eastern and Western Cape, Gauteng and North West; 3 in Free State and Northern Cape
177	<i>Ligustrum vulgare</i> L.	Gewone liguster / Common privet	1b in KwaZulu – Natal, Mpumalanga, Limpopo, Eastern and Western Cape, Gauteng and North West; 3 in Free State and Northern Cape
178	<i>Lilium formosanum</i> Wallace (= <i>L. longiflorum</i> Thunb. var <i>formosanum</i> Baker)	Formosa lelie / Formosa lily	1b
179	<i>Limonium sinuatum</i> (L.) Mill.	Papierblom / Statice, Sea lavender	1b Western and Northern Cape
180	<i>Linaria dalmatica</i> (L.) Mill. (= <i>Antirrhinum dalmaticum</i> L., <i>Linaria</i> <i>genistifolia</i> subsp. <i>dalmatica</i> (L.) Maire & Petitm.	Dalmatian toadflax, Broadleaf toadflax	1b
181	<i>Linaria vulgaris</i> Mill.	Common toadflax, Butter – and – eggs	1b
182	<i>Litsea glutinosa</i> (Lour.) C.B.Rob. (= <i>Litsea sebifera</i> Pers.)	Indiese lourier / Indian laurel	1b
183	<i>Lonicera japonica</i> Thunb. 'Halliana'	Japanse kanferfoelie / Japanese or Hall's honeysuckle	3
184	<i>Ludwigia peruviana</i> (L.) H. Hara	Water – primrose, Peruvian primrosebush	1a
185	<i>Luzula</i> sp.	Woodrush	1a Prince Edward and Marion Islands
186	<i>Lythrum hyssopifolia</i> L.	Hyssop loosestrife	1b
187	<i>Lythrum salicaria</i> L.	Purple loosestrife	1a
188	<i>Macfadyena unguis – cati</i> (L.) A.H.Gentry	Katteklouranker / Cat's claw creeper	1b
189	<i>Malva dendromorpha</i> M.F.Ray (= <i>Lavatera arborea</i> L.)	Mak kiesieblaar / Tree mallow	1b
190	<i>Malva verticillata</i> L.	Kiesieblaar / Mallow	1b
191	<i>Malvastrum coromandelianum</i> (L.) Garcke	Prickly malvastrum	1b
192	<i>Melaleuca hypericifolia</i> Sm.	Red – flowering tea tree	1a
193	<i>Melia azedarach</i> L.	Seringboom / Seringa	1b in KwaZulu – Natal, Mpumalanga, Limpopo, Eastern Cape, North West and Gauteng 3 in the rest of South Africa
194	<i>Metrosideros excelsa</i> Sol. ex Gaertn. (= <i>M. tomentosa</i> A.Rich.)	Nieu – Seelandse perdestert /	1a in Overstrand District

Plants			
No	Scientific Name	Common Name	Category
		New Zealand Christmas tree	
195	<i>Mimosa pigra</i> L.	Raak – my – nie / Giant sensitive plant	1b
196	<i>Mirabilis jalapa</i> L.	Vieruurtjie / Four – o'clock, Marve – of – Peru	1b
197	<i>Montanoa hibiscifolia</i> Benth.	Montanoa / Tree daisy	1b
198	<i>Morus alba</i> L.	Witmoerbe, Gewone moerbe / White mulberry, Common mulberry	2
199	<i>Murraya paniculata</i> (L.) Jack. (= <i>M. exotica</i> L.)	Oranjejasmyn / Orange Jessamine	1b in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
200	<i>Myoporum insulare</i> R.Br.	Manatoka / Manatoka, Boobyalla	3
201	<i>Myoporum laetum</i> G.Forst.	Nieu – Seelandse manatoka / New Zealand manatoka	3
202	<i>Myoporum tenuifolium</i> G.Forst. subsp. <i>montanum</i> (R.Br.) Chinnock (= <i>M. montanum</i> R.Br.), ( <i>M. acuminatum</i> misapplied in South Africa)	Manatoka	1b
203	<i>Myriophyllum aquaticum</i> (Vell.) Verdc.	Waterduisendblaar / Parrot's feather	1b
204	<i>Myriophyllum spicatum</i> L.	Spiked water – milfoil	1b
205	<i>Nassella tenuissima</i> (Trin.) Barkworth (= <i>Stipa tenuissima</i> Trin.)	Witpolgras / White tussock	1b
206	<i>Nassella trichotoma</i> (Nees) Hack. ex Arechav. (= <i>Stipa trichotoma</i> Nees)	<i>Nassella</i> polgras / <i>Nassella</i> tussock	1b
207	<i>Nasturtium officinale</i> R.Br. (= <i>Rorippa nasturtium – aquaticum</i> (L.) Hayek)	Bronkors / Watercress	2
208	<i>Nephrolepis cordifolia</i> (L.) C.Presl (= <i>Polypodium cordifolium</i> L.) Excluding cultivars under investigation	Erect sword fern, Ladder sword fern	1b in KwaZulu – Natal, Mpumalanga, Limpopo, Eastern and Western Cape; 3 in the rest of South Africa
209	<i>Nephrolepis exaltata</i> (L.) Schott (= <i>Polypodium exaltatum</i> L.) Excluding cultivars under investigation	Swaardvaring / Sword fern, Boston sword fern	1b in KwaZulu – Natal, Mpumalanga, Limpopo, Eastern and Western Cape; 3 in the rest of South Africa
210	<i>Nerium oleander</i> L. Excluding cultivars under investigation	Selonsroos / Oleander	1b
211	<i>Nicandra physalodes</i> (L.) Gaertn.	Basterappelliefie / Apple – of – Peru	1b



Plants			
No	Scientific Name	Common Name	Category
212	<i>Nicotiana glauca</i> Graham	Wildetabak / Wild tobacco	1b
213	<i>Nymphaea mexicana</i> Zucc. and hybrids	Geel waterlelies / Yellow water lilies	1b
214	<i>Nymphoides peltata</i> (S.G.Gmel.) Kuntze (= <i>Limnanthemum peltatum</i> S.G.Gmel.)	Gringed waterlily, Yellow floating – heart	1a
215	<i>Opuntia aurantiaca</i> Lindl.	Litjieskaktus / Jointed cactus	1b
216	<i>Opuntia engelmannii</i> Salm-Dyck ex Engelm. (= <i>O. lindheimeri</i> Engelm.)	Klein rondeblaarturksvy / Small round – leaved prickly pear	1b
217	<i>Opuntia exaltata</i> A.Berger (= <i>Austrocylindropuntia exaltata</i> (A.Berger) Backeb.)	Langdoringkaktus / Long spine cactus	1b
218	<i>Opuntia ficus – indica</i> (L.) Mill. (= <i>O. megacantha</i> Salm-Dyck) Excluding all spineless cactus pear cultivars and selections	Boereturksvy, Grootdoringturksvy / Mission prickly pear, Sweet prickly pear	1b
219	<i>Opuntia fulgida</i> Engelm. ( <i>O. rosea</i> misapplied in South Africa)	Roseakaktus / Rosea cactus, Chain – fruit cholla	1b
220	<i>Opuntia humifusa</i> (Raf.) Raf ( <i>O. compressa</i> misapplied in South Africa)	Large flowered prickly pear, Creeping prickly pear	1b
221	<i>Opuntia imbricata</i> (Haw.) DC. (= <i>Cylindropuntia imbricata</i> (Haw.) F.M.Knuth)	Imbrikaatkaktus, Kabelturksvy / Imbricate cactus, Imbricate prickly pear	1b
222	<i>Opuntia microdasys</i> (Lehm.) Pfeiff.	Yellow bunny – ears, Teddy – bear cactus	1b
223	<i>Opuntia monacantha</i> Haw ( <i>O. vulgaris</i> misapplied in South Africa)	Suurturksvy, Luisiesturksvy / Cochineal prickly pear, Drooping prickly pear	1b
224	<i>Opuntia robusta</i> H.L.Wendl. ex Pfeiff	Robusta turksvy / Blue – leaf cactus	2
225	<i>Opuntia spinulifera</i> Salm-Dyck	Blouturksvy, Groot rondeblaar turksvy / Saucepan cactus, Large roundleaved prickly pear	1b
226	<i>Opuntia stricta</i> (Haw.) Haw (= <i>O. dillenii</i> (Ker Gawl.) Haw.)	Suurturksvy / Pest pear of Australia	1b
227	<i>Orobancha minor</i> Sm.	Klawerbesemraap, Bremraap / Lesser broomrape, Clover broomrape	1b
228	<i>Orobancha ramosa</i> L.	Blouduiwel / Blue broomrape, Branched broomrape	1b
229	<i>Paraserianthes lophantha</i> (Willd.) I.C.Nielsen (= <i>Albizia lophantha</i> (Willd.) Benth.)	Australiese albizia, Stinkboon / Australian albizia, Stink bean	1b

Plants			
No	Scientific Name	Common Name	Category
230	<i>Parkinsonia aculeata</i> L.	Mexikaanse groenhaarboom / Jerusalem thorn	1b
231	<i>Parthenium hysterophorus</i> L.	Parthenium	1b
232	<i>Paspalum quadrifarium</i> Lam.	Tussock paspalum	1a
233	<i>Passiflora caerulea</i> L.	Siergrenadella / Blue passion flower	1b
234	<i>Passiflora edulis</i> Sims	Grenadella / Purple granadilla, Passion fruit	2 in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
235	<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
236	<i>Passiflora suberosa</i> L.	Devil's pumpkin, Indigo berry	1b
237	<i>Passiflora subpeltata</i> Ortega	Granadina	1b
238	<i>Paulownia tomentosa</i> (Thunb.) Steud. (= <i>Paulownia imperialis</i> Siebold & Zucc.)	Keiserinboom, Prinsesboom / Empress tree, Princess tree, Royal Paulownia	1a
239	<i>Pennisetum purpureum</i> Schumach.	Olifantsgras / Elephant grass, Napier grass	1b
240	<i>Pennisetum setaceum</i> (Forssk.) Chiov. Excluding sterile cultivar 'Rubrum'	Pronkgras / Fountain grass	1b
241	<i>Pennisetum villosum</i> R.Br. ex Fresen.	Veergras / Feathertop	1b
242	<i>Pereskia aculeata</i> Mill.	Pereskia / Pereskia, Barbados gooseberry	1b
243	<i>Persicaria capitata</i> (Buch.-Ham. ex D.Don) H.Gross (= <i>Polygonum capitatum</i> Buch.-Ham. ex D.Don)	Knoopkruid / Knotweed	1b
244	<i>Phytolacca americana</i> L. (= <i>P. decandra</i> L.)	Inkbos, Karmosynbos / American pokeweed	1b
245	<i>Phytolacca dioica</i> L.	Bobbejaandruifboom, Belhambra / Belhambra	3
246	<i>Phytolacca icosandra</i> L. (= <i>P. octandra</i> L.)	Bobbejaandruif, Inkbessie / Forest inkberry	1b
247	<i>Pinus canariensis</i> C.Sm.	Kanariese den / Canary pine	3
248	<i>Pinus elliotti</i> Engelm.	Basden / Slash pine	2
249	<i>Pinus halepensis</i> Mill.	Aleppoden / Aleppo pine	2
250	<i>Pinus patula</i> Schiede ex Schltdl. & Cham.	Treurden / Patula pine	2
251	<i>Pinus pinaster</i> Aiton	Trosden / Cluster pine	2

Plants			
No	Scientific Name	Common Name	Category
252	<i>Pinus pinea</i> L.	Sambreelden / Umbrella or Stone pine	3
253	<i>Pinus radiata</i> D. Don	Radiataden / Radiata pine, Monterey pine	2
254	<i>Pinus roxburghii</i> Sarg. (= <i>P. longifolia</i> Roxb. ex Lamb.)	Tjirden / Chir pine, Longifolia pine	2
255	<i>Pinus taeda</i> L.	Loblollyden / Loblolly pine	2
256	<i>Pistia stratiotes</i> L.	Waterslaai / Water lettuce	1b
257	<i>Pittosporum crassifolium</i> Banks & Sol. ex A. Cunn.	Karo, Stywerblaarkasuur / Karo, Stiff – leaved cheesewood	3
258	<i>Pittosporum undulatum</i> Vent.	Australiese kasuur, Soet pittosporum / Australian cheesewood, Sweet pittosporum	1b
259	<i>Plectranthus comosus</i> Sims (= <i>Coleus grandis</i> Cramer) ( <i>Plectranthus barbatus</i> misapplied in South Africa)	'Abessiniese' coleus / 'Abyssinian' coleus, Woolly plectranthus	1b
260	<i>Poa pratensis</i> L.	Kentucky bluegrass	1a Prince Edward Island; 1b Marion Island
261	<i>Polypodium aureum</i> (L.) J. Sm.	Haaspoetvaring / Rabbits – foot fern	3 in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
262	<i>Pontederia cordata</i> L.	Jongsnoekkruid / Pickerel weed	1b
263	<i>Populus alba</i> L.	Witpopulier / White poplar	2
264	<i>Populus ×canescens</i> (Aiton) Sm.	Vaalpopulier / Grey poplar, Matchwood poplar	2
265	<i>Prosopis glandulosa</i> Torr. var. <i>torreyana</i> (Benson) Johnst. and hybrids	Heuningprosopis / Honey mesquite	1b in North West, Free State, Eastern and Western Cape 2 in Northern Cape
266	<i>Prosopis velutina</i> Wooton and hybrids	Fluweelprosopis / Velvet mesquite	1b in North West, Free State, Eastern and Western Cape 2 in Northern Cape
267	<i>Prunus serotina</i> Ehrh.	Swartkersie / Black cherry	1b
268	<i>Psidium cattleianum</i> Sabine (= <i>P. littorale</i> Raddi var. <i>longipes</i> (O. Berg.) Fosberg)	Aarbei koejawel / Strawberry guava	1b
269	<i>Psidium guajava</i> L.	Koejawel / Guava	2 in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
270	<i>Psidium guineense</i> Sw.	Brasiliaanse koejawel /	1b

Plants			
No	Scientific Name	Common Name	Category
		Brazilian guava	
271	<i>Psidium xdurbanensis</i> Baijnath ined.	Durbanse koejawel / Durban guava	1b
272	<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
273	<i>Pyracantha angustifolia</i> (Franch.) C.K.Schneid. Excluding cultivars under investigation	Geelbranddoring / Yellow firethorn	1b
274	<i>Pyracantha coccinea</i> M.Roem. Excluding cultivars under investigation	Rooibranddoring / Red firethorn	1b
275	<i>Pyracantha crenatoserrata</i> (Hance) Rehder (= <i>P. fortuneana</i> misapplied) Excluding cultivars under investigation	Chinese firethorn, Broad leaf firethorn	1b
276	<i>Pyracantha crenulata</i> (D.Don) M.Roem. Excluding cultivars under investigation	Rooivuurddoring / Himalayan firethorn	1b
277	<i>Pyracantha koidzumii</i> (Hayata) Rehder Excluding cultivars under investigation	Formosa firethorn	1b
278	<i>Pyracantha rogersiana</i> (A.B.Jacks.) Chitt. Excluding cultivars under investigation	Firethorn	1b
279	<i>Rhus glabra</i> L.	Gladde sumak / Scarlet sumach, Vinegar bush	3
280	<i>Ricinus communis</i> L.	Kasterolieboom / Castor – oil plant	1b
281	<i>Rivina humilis</i> L.	Bloedbessie / Rivina, Bloodberry	1a
282	<i>Robinia pseudoacacia</i> L.	Witakasia / Black locust	1b
283	<i>Rosa rubiginosa</i> L. (= <i>R. eglanteria</i> L.)	Wilderoos / Eglantine, Sweetbriar	1b
284	<i>Rubus cuneifolius</i> Pursh and hybrid <i>R. x proteus</i> C.H.Stirt.	Amerikaanse braam / American bramble	1b
285	<i>Rubus flagellaris</i> Willd.	Braam / Bramble	1b
286	<i>Rubus fruticosus</i> L. agg.	Braam / European blackberry	2
287	<i>Rubus niveus</i> Thunb.	Ceylon raspberry, Mysore raspberry	1b
288	<i>Rumex acetosella</i> L.	Sheep sorrel, Red sorrel	1a Prince Edward and Marion Islands
289	<i>Rumex usambarensis</i> (Dammer) Dammer (= <i>R. nervosus</i> Vahl var. <i>usambarensis</i> Dammer)	Oos-Afrikaanse tongblaar / East African dock	1b
290	<i>Salsola kali</i> L.	Rolbossie / Tumbleweed	1b
291	<i>Salsola tragus</i> L. (= <i>S. australis</i> R.Br.)	Russiese rolbossie / Russian tumbleweed	1b
292	<i>Salvia tiliifolia</i> Vahl	Lindenleaf sage	1b
293	<i>Salvinia molesta</i> D.S.Mitch. and other species of the Family Salviniaceae	Watervaring / Kariba weed, Salvinia	1b

Plants			
No	Scientific Name	Common Name	Category
294	<i>Sambucus canadensis</i> L. (= <i>S. nigra</i> L. subsp. <i>canadensis</i> (L.) Bolli)	Kanadese vlier / Canadian elder	1b
295	<i>Sambucus nigra</i> L.	Europese vlier / European elder	1b
296	<i>Sasa ramosa</i> (Makino) Makino & Shibata (= <i>Arundinaria vagans</i> Gamble)	Dwerggeelstreepbamboes / Dwarf yellow – striped bamboo	3
297	<i>Schefflera actinophylla</i> (Endl.) Harms	Australiese kiepersol / Australian cabbage tree, Queensland umbrella tree	1b in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
298	<i>Schefflera arboricola</i> (Hayata) Merr.	Hawaiiese dwerg / Dwarf umbrella tree	3 in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
299	<i>Schefflera elegantissima</i> (hort. Veitch ex Mast.) Lowry & Frodin (= <i>Dizygotheca elegantissima</i> (hort. Veitch ex Mast.) R.Vig. & Guillaumin)	Vals – aralia / False aralia	3 in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
300	<i>Schinus terebinthifolius</i> Raddi	Brasiliaanse peperboom / Brazilian pepper tree	1b KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape; 3 in rest of South Africa
301	<i>Senna bicapsularis</i> (L.) Roxb. (= <i>Cassia bicapsularis</i> L.)	Rambling cassia	1b
302	<i>Senna didymobotrya</i> (Fresen.) H.S.Irwin & Barneby (= <i>Cassia didymobotrya</i> Fresen.)	Grondboontjebotterkassia / Peanut butter cassia	1b in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape; 3 in the rest of South Africa
303	<i>Senna hirsuta</i> (L.) H.S.Irwin & Barneby (= <i>Cassia hirsuta</i> L.)		1b
304	<i>Senna occidentalis</i> (L.) Link (= <i>Cassia occidentalis</i> L.)	Stinking weed, Wild coffee	1b
305	<i>Senna pendula</i> (Willd.) H.S.Irwin & Barneby var. <i>glabrata</i> (Vogel) H.S.Irwin & Barneby (= <i>Cassia coluteoides</i> Collad.)		1b
306	<i>Senna septemtrionalis</i> (Viv.) H.S.Irwin & Barneby (= <i>Cassia floribunda</i> sensu Brenan non Cav., <i>C. laevigata</i> Willd.)	Arsenic bush, Smooth senna	1b
307	<i>Sesbania punicea</i> (Cav.) Benth.	Roos sesbania / Red sesbania	1b
308	<i>Solanum betaceum</i> Cav (= <i>Cyphomandra betacea</i> (Cav.) Sendtn.)	Boomtamatie / Tree tomato	3 in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
309	<i>Solanum chrysotrichum</i> Schltld. ( <i>S. hispidum</i> misapplied in South Africa)	Giant devil's fig	1b
310	<i>Solanum elaeagnifolium</i> Cav.	Satansbos / Silver – leaf bitter apple	1b
311	<i>Solanum mauritianum</i> Scop.	Luisboom / Bugweed	1b

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312	<i>Solanum pseudocapsicum</i> L.	Jerusalemkersie / Jerusalem cherry	1b
313	<i>Solanum seaforthianum</i> Andrews	Aartappelranker / Potato creeper	1b
314	<i>Solanum sisymbriifolium</i> Lam.	Wildetamatie, Doringtamatie / Wild tomato, Dense – thorned bitter apple	1b
315	<i>Sorghum halepense</i> (L.) Pers.	Johnsongras / Johnson grass, Aleppo grass	2
316	<i>Spartium junceum</i> L.	Spaanse besem / Spanish broom	1b in Western Cape; 3 in the rest of South Africa
317	<i>Spathodea campanulata</i> P.Beauv.	Afrikaanse vlamboom / African flame tree	3 in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
318	<i>Sphagneticola trilobata</i> (L.) Pruski (= <i>Thelechiton trilobata</i> (L.) H. Rob. & Cuatrec., <i>Wedelia trilobata</i> (L.) Hitchc.)	Singapoer – madeliefie / Singapore daisy	1b in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape; 3 in rest of South Africa
319	<i>Stachytarpheta</i> spp.	Snakeweeds	3
320	<i>Stellaria media</i> (L.) Vill.	Sterremuur / Common chickweed	1a Prince Edward Island; 1b Marion Island
321	<i>Syngonium</i> spp.	Gansvoete / Goose foot plants, Arrow – head vines	1b in KwaZulu – Natal, Mpumalanga, Limpopo and Eastern Cape
322	<i>Syzygium cumini</i> (L.) Skeels	Jambolan	1b in KwaZulu – Natal, Mpumalanga, Limpopo; 1a in the rest of South Africa
323	<i>Syzygium jambos</i> (L.) Alston	Jamboes / Rose apple	3
324	<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
325	<i>Tamarix chinensis</i> Lour. Not to be confused with indigenous <i>Tamarix usneoides</i> E.Mey. ex Bunge	Chinese tamarisk / Chinese tamarisk	1b
326	<i>Tamarix gallica</i> L. Not to be confused with indigenous <i>Tamarix usneoides</i> E.Mey. ex Bunge	Franse tamarisk / French tamarisk	1b
327	<i>Tamarix ramosissima</i> Ledeb. Not to be confused with indigenous <i>Tamarix usneoides</i> E.Mey. ex Bunge	Perstamarisk / Pink tamarisk	1b
328	<i>Tecoma stans</i> (L.) Juss. ex Kunth	Geelklokkies / Yellow bells	1b
329	<i>Tephrocactus articulatus</i> (Pfeiff.) Backeb. (= <i>Opuntia articulata</i> (Pfeiff.) D.R.Hunt	Pine cone cactus, Paper – spine cholla	1a
330	<i>Thevetia peruviana</i> (Pers.) K.Schum. (= <i>T. nerifolia</i> Juss. ex Steud.)	Geel – oleander / Yellow oleander	1b

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331	<i>Tipuana tipu</i> (Benth.) Kuntze (= <i>T. speciosa</i> Benth.)	Tipoeboom / Tipu tree	3
332	<i>Tithonia diversifolia</i> (Hemsl.) A. Gray	Mexikaanse sonneblom / Mexican sunflower	1b
333	<i>Tithonia rotundifolia</i> (Mill.) S.F. Blake	Rooisonneblom / Red sunflower	1b
334	<i>Toona ciliata</i> M. Roem. (= <i>Cedrela toona</i> Roxb. ex Willd.)	Toonboom / Toon tree	1b
335	<i>Toxicodendron succedaneum</i> (L.) Kuntze (= <i>Rhus succedanea</i> L.)	Wasboom / Wax tree	1b
336	<i>Tradescantia fluminensis</i> Vell.	Wandelende Jood / Wandering Jew	1b
337	<i>Tradescantia zebrina</i> hort. ex Bosse (= <i>Zebrina pendula</i> Schnizl.)	Wandelende Jood / Wandering Jew	1b
338	<i>Triplaris americana</i> L.	Triplaris / Triplaris, Ant tree	1b
339	<i>Tropaeolum speciosum</i> Poepp. & Endl.	Chilean flame creeper, Flame nasturtium	3
340	<i>Ulex europaeus</i> L.	Gaspeldoring / European gorse	1b
341	<i>Verbena bonariensis</i> L.	Blouwaterbossie / Wild verbena, Tall verbena, Purple top	1b
342	<i>Verbena brasiliensis</i> Vell.	Brazilian verbena	1b
343	<i>Vinca major</i> L. Excluding cultivars under investigation	Gewone – opklim / Greater periwinkle	1b
344	<i>Vinca minor</i> L. Excluding cultivars under investigation	Lesser periwinkle	1b
345	<i>Vitex trifolia</i> L.	Indian three – leaf vitex	1b
346	<i>Wigandia urens</i> (Ruiz & Pav.) Kunth var <i>caracasana</i> (Kunth) D.N. Gibson (= <i>W. caracasana</i> Kunth)	Wigandia	3
347	<i>Xanthium spinosum</i> L.	Boetebos / Spiny cocklebur	1b
348	<i>Xanthium strumarium</i> L.	Kankerroos / Large cocklebur	1b