



Are you guilty – of harbouring alien invasive plants?



George and the surrounds is a unique spot where 4 biomes (Fynbos, Succulent Karoo, Albany Thicket and Forest) come together. There are probably about 6 000 different indigenous plant species present here with new ones being discovered all the time.

The National Environmental Management Biodiversity Act (NEMBA) published in 1st August 2014 regulates the undesirable species. Invasive species are divided into 4 categories 1a, 1b 2 and 3 and the law requires property owners to check if any of these species are on the property. If present, you need to control them from jumping the garden fence (Category 1a) or explain why you should be granted a permit to keep them on your property (Category 1b). If there is no reason why they should be on your property, the law requires the removal and destruction of these species. This needs to be done in a responsible manner.

Some species encountered within the municipal boundaries of George:

- Acacia mearnsii* Black wattle (2)
- Acacia podalyriifolia* Pearl acacia (1b)
- Acacia saligna* Port Jackson Willow (1b)
- Anredera cordifolia* Madeira vine (1b)
- Araujia sericifera* Moth catcher (1b)
- Arundo donax* Giant reed, Spanish reed (1b)
- Azolla filiculoides* Red water fern (1b)
- Canna indica* Indian shot Weed (1b, Excl. hybrid cultivars)
- Cirsium vulgare* Scotch thistle (1b)
- Cortaderia selloana* Pampas grass (1a, b Excl. hybrid cultivars)
- Cotoneaster franchetii* Cotoneaster (1b)
- Datura stramonium* Common thorn apple (1b)
- Eichhornia crassipes* Water hyacinth(1b)
- Gleditsia triacanthos* Honey locust, Sweet locust (1b)
- Hakea sericea* Silky hakea (1b)
- Hedychium coronarium* White ginger lily (1b)
- Hedychium flavescens* Yellow ginger lily (1b)
- Ipomoea purpurea* Morning glory (3)
- Lantana* - all seedbearing forms, Tickberry(1b)
- Leptospermum laevigatum* Australian myrtle (1b)

Nephrolepis exaltata Sword fern Invader (Excluding cultivars) (1b OR 3 DEPENDING ON THE PROVINCE)

Opuntia monacantha Drooping prickly pear (1b)

Paraserianthes lophantha Stink bean (1b)

Persicaria capitata Knotweed (1b)

Plectranthus comosus Sims 'Abyssinian' coleus (1b name change to *Plectranthus barbatus*)

Ricinus communis Castor-oil plant (2)

Robinia pseudoacacia Black locust (1b)

Rumex usambarensis East African Dock (1b)

Sambucus canadensis Canadian Elder (1b)

Sambucus Nigra European Elder (1b)

Senna didymobotrya Peanut butter cassia (1b)

Sesbania punicea Red sesbania (1b)

Solanum mauritianum Bugweed (1b)

Tipuana tipu Tipu tree (3)

Gums: *Eucalyptus camaldulensis* Red river gum, *Eucalyptus cladocalyx* Sugar gum, *Eucalyptus diversicolor* Karri gum, *Eucalyptus grandis* Saligna gum, Rose gum, *Eucalyptus paniculata* Grey ironbark, *Eucalyptus sideroxylon* Black ironbark, Red ironbark (status depends on species).

Pines: *Pinus canariensis* Canary pine, *Pinus elliotti* Slash pine, *Pinus halepensis* Aleppo pine, *Pinus patula* Patula pine, *Pinus pinaster* Cluster pine, *Pinus radiata* Radiata pine, *Pinus roxburghii* Chir pine, *Pinus taeda* Loblolly pine (status depends on species).

Privets: *Ligustrum japonicum* Japanese wax-leaved privet, *Ligustrum lucidum* Chinese wax-leaved privet (Only for use as root-stock if authorised by the Executive official in terms of regulation 15C(5)), *Ligustrum ovalifolium* Californian privet, *Ligustrum sinense* Chinese privet, *Ligustrum vulgare* Common privet (status depends on species).

Firethorns: *Pyracantha angustifolia* Yellow firethorn (1b, Excluding cultivars) *Pyracantha crenulata* Himalayan firethorn (1b, Excluding cultivars)

Check that you are not contributing to the degradation of our fantastic fynbos by having any of the above-mentioned plants on your property.

Alternative plants can be sourced at the Garden Route Botanical Nursery where staff and volunteers will gladly assist.

Compiled by Priscilla Bougoyne, Curator, herbariumcurator@botanicalgarden.org.za

Southern Cape Herbarium, 49 Caledon Street, George 044 874 1558

June 2015

An excel document with photos is being compiled – send request to wessageorge@isat.co.za