

NEMBA at a glance

Invasive species are controlled under NEMBA, the National Environmental Management: Biodiversity Act (Act no. 10 of 2004) Alien and Invasive Species Regulations, and classed according to the following categories:

Category 1a

- These species must be removed
- All forms of propagation, trade, and planting are prohibited

Category 1b

- These species should be controlled, or removed where possible
- Propagation, trade, and planting prohibited without a permit issued by the Department of Environmental Affairs
- Property owners must develop control plans to detail the long-term control of these species

Category 2

- These species require a permit Species must be prevented from spreading outside demarcated land
- Unpermitted Category 2 species revert to Category 1b

Category 3

- Species may remain in prescribed areas or provinces
- Further planting, propagation, or trade is prohibited without a permit If species occur within a protected area or riparian zone they revert to Category 1b

Connect with BotSoc

There has never been a more important time for South Africans to take ownership of our natural wonders – especially our incredible plant life.

The Botanical Society of South Africa (BotSoc) offers you the opportunity to be a part of the solution to our biodiversity challenges across the country. Whether you are a citizen scientist, environmental expert, or simply a nature enthusiast, join our community of plant lovers as we unify to protect our indigenous plants.

What do we do at BotSoc?

Know

Learn about South Africa's diverse indigenous plant heritage

Grow

Plant indigenous plants and watch them become a home for life

Protect

Conserve our incredible, but threatened, ecosystems

Enjoy

Get into wild spaces to experience our beautiful environment

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Invasive Species of Gauteng














































































Across South Africa, invasive species pose a threat to our country's unique environments. These species displace indigenous plant species, alter fire regimes, and impact negatively on hydrological cycles and nutrient dynamics.

Many of these species were brought into the country through the ornamental plant trade, and gardens remain a major source of seed. Controlling invasive species in urban environments is an important step in reducing the seed pressure on patches of intact grassland and savannah habitats in Gauteng.



This pamphlet provides a brief introduction to invasive species commonly found in Gauteng, such as the pompon weed above, and the legal framework which mandates their management and control.

<p>Lantana 1b <i>Lantana camara</i></p> <p>Spreading, thorned shrub <ul style="list-style-type: none">  Dark green, oval, rough  White, yellow, orange, red  Green to black berries  Up to 2m+ </p>		<p>Bugweed 1b <i>Solanum mauritianum</i></p> <p>Large, broad-leaved, velvety shrub <ul style="list-style-type: none">  Dull green, velvety  Purple  Green to yellow berries  Up to 4m </p>		<p>Mexican sunflower 1b <i>Tithonia rotundifolia</i></p> <p>Tall shrub <ul style="list-style-type: none">  Dark green, rough  Orange  Round, brown, spiky mass  Up to 3m </p>	
<p>Balloon vine 1b <i>Cardiospermum grandiflorum</i></p> <p>Perennial, climber <ul style="list-style-type: none">  Bright green, serrated, triangular  White, Yellow  Inflated capsule; brown seeds  5m+ </p>		<p>Cat's claw creeper 1b <i>Macfadyena unguis-cati</i></p> <p>Perennial climber with tendrils <ul style="list-style-type: none">  Bright green, oblong with tendril  Yellow  Long pods; papery seeds  10m+ </p>		<p>Moth catcher 1b <i>Araujia sericifera</i></p> <p>Perennial climber with a milky sap <ul style="list-style-type: none">  Dark green, smooth  White, cream or pale pink  Green, spongy fruit; black seeds  5m+ </p>	
<p>Morning glory 1b <i>Ipomoea indica</i></p> <p>Perennial vine <ul style="list-style-type: none">  Bright green, oval to heart  Purple, blue, red, or white  Small capsules  3m+ </p>		<p>Pompom weed 1b <i>Campuloclinium macrocephalum</i></p> <p>Erect, perennial herb <ul style="list-style-type: none">  Light green, serrated  Pink  Small, brown seeds  Up to 1.5m </p>		<p>Indian shoot 1b <i>Canna indica</i></p> <p>Erect, perennial, rhizomatous herb <ul style="list-style-type: none">  Green, large, tapering to a point  Red, orange, yellow  Spiny capsules, black seeds  Up to 2m </p>	
<p>Wattle 2 <i>Acacia mearnsii</i>; <i>A. dealbata</i></p> <p>Evergreen tree <ul style="list-style-type: none">  Dark, silver to green leaflets  Yellow  Pods; small, round seeds  Up to 10m </p>		<p>Common privet 1b <i>Ligustrum vulgare</i></p> <p>Deciduous to semi-evergreen shrub <ul style="list-style-type: none">  Dark green, smooth  White  Black berries  Up to 6m </p>		<p>Yellow bells 1b <i>Tecoma stans</i></p> <p>Evergreen shrub to small tree <ul style="list-style-type: none">  Bright green, toothed margins  Yellow  Long pods; papery seeds  Up to 4m </p>	
<p>Pampas grass 1b <i>Cortaderia selloana</i>; <i>C. jubata</i></p> <p>Perennial, tussock-forming grass <ul style="list-style-type: none">  Blueish green, long, slender  White to pink, feathery  Small seeds  Up to 4m </p>		<p>Fountain grass 1b <i>Pennisetum setaceum</i></p> <p>Perennial, tussock-forming grass <ul style="list-style-type: none">  Green, long, thin  Pink to purple  Small seeds  Up to 3m </p>		<p><u>Key:</u></p> <ul style="list-style-type: none">  Leaves  Flowers  Seeds or fruit  Height <p>Detailed picture credits available online at: https://bit.ly/Gauteng_LIS1 </p>	 <p>BOTANICAL SOCIETY OF SOUTH AFRICA</p> <p>Gauteng</p>