

**2/1b** **Acacia saligna** - Port Jackson Willow

Habit: Tree/ Shrub | Family: Fabaceae | Origin: South West Australia | (A) Aug - Nov: Bright Yellow

**INDIGENOUS ALTERNATIVES**

*Acacia sieberiana*  
Paperbark Thorn

*Albizia adianthifolia*  
Flat-crown

*Albizia versicolor*  
Large-leaved false-thorn



**1/1b** **Ageratina riparia** - Creeping Crofton Weed


Habit: Herb | Family: Asteraceae | Origin: Central America | (A) Aug - Sept: White

**INDIGENOUS ALTERNATIVES**

*Tetraseloago natalensis*  
Natal Blue Haze

*Vernonia capensis*  
Narrow-leaved Vernonia

*Vernonia natalensis*  
Silver Vernonia



**3/1b** **Ailanthus altissima** - Tree-of-Heaven Weed

Habit: Tree | Family: Simaroubaceae | Origin: Asia (China) | (A) Oct - Nov: Green - Yellow

**INDIGENOUS ALTERNATIVES**

*Cratogeomys capensis*  
Cape Rattle Pod

*Phyllanthus reticulatus*  
Potato Bush

*Senna petersiana*  
Monkey Pod



**1b** **Callisia repens** - Dwarf-striped Inch Plant


Habit: Herb | Family: Commelinaceae | Origin: Mexico, West Indies | (A) N/A

**INDIGENOUS ALTERNATIVES**

*Crassula expansa*  
Fragile Crassula

*Crassula multicaeva*  
Fairy Crassula

*Plectranthus strigosus*  
Small Money Plant




**n/a** **Clusia rosea** - Scottish Attorney

Habit: Tree | Family: Clusiaceae | Origin: North America | (A) All Year: Pink, White

**INDIGENOUS ALTERNATIVES**

*Garcinia gerardii*  
Forest Mangosteen



**X3/3** **Coreopsis lanceolata** - Tickseed


Habit: Perennial Herb | Family: Asteraceae | Origin: East USA | (A) Oct - Dec: Bright Yellow

**INDIGENOUS ALTERNATIVES**

*Gazania krebsiana*  
Bush Gazania

*Gazania rigens*  
Trailing Gazania

*Haplocarpha scaposa*  
False Gerbera



**Emerging Species**

**Beautiful but Dangerous**

**Invasive Alien Plants of the eThekweni Municipal Area**

SANBI, South African National Biodiversity Institute, WESSA, etc.



**What are emerging weeds?**

Emerging weeds are plants already present but not yet naturalized in either urban or rural municipal areas. They often have horticultural value, but can impact negatively on natural ecosystems, biodiversity and livelihoods if allowed to establish, spread or become invasive.

The cost of managing and controlling IAPs once they are firmly established, i.e. reproducing and spreading, can be enormous. As IAPs spread, so costs continue to escalate. Complete eradication, which means the removal of every single plant and seed is even more costly, primarily due to the difficulty of finding all plants in all areas, and because seed banks can often last for many years. Investing resources in early detection and removal of emerging weeds is an excellent way of reducing future weed control needs.

**Control and Eradication**

Control of alien plants in a garden situation is probably best achieved by mechanical means. Tackle light infestations first and then denser infestations. Small plants may be pulled out at the roots especially when the soil is moist. Larger plants may need to be dug out at the roots. The key to success is to tackle the job in a planned way and to diligently follow up to remove seedlings and regrowth. For more serious problems herbicides may be used. It is recommended that professional advice is sought before using herbicides.


"The key to success is to tackle the job in a planned way and to diligently follow up to remove seedlings and regrowth."

**1a** **Diplocyclos palmatus** - Lollipop Climber

Habit: Climber | Family: Cucurbitaceae | Origin: Australia | (A) March - April: Yellow

**INDIGENOUS ALTERNATIVES**

*Coccinia palmata*  
Wild Cucumber



**X3/3** **Duranta erecta** - Pigeon Berry


Habit: Shrub | Family: Verbenaceae | Origin: America | (A) Nov - Dec: Orange - Yellow

**INDIGENOUS ALTERNATIVES**

*Dovyalis caffra*  
Kei Apple

*Dovyalis longispina*  
Natal Apricot

*Grewia occidentalis*  
Cross-berry




**n/a** **Furcraea foetida** - Mauritius Hemp

Habit: Perennial Herb | Family: Agavaceae | Origin: South America | (A) All Year: Green - White

**INDIGENOUS ALTERNATIVES**

*Dracaena aletiformis*  
Large-leaved Dragon Tree



**n/a** **Maranta leuconeura** - Banded Arrowroot

Habit: Perennial Herb | Family: Marantaceae | Origin: South America (Brazil) | (A) Sept - Feb: White

**INDIGENOUS ALTERNATIVES**

*Haemanthus albillos*  
Paint Brush

*Scadoxus puniceus*  
Paintbrush Lily



**n/a** **CARA/ Nemba Category**

**Flower Colour & Flowering Times**

**Registered Herbicide**  
Herbicides may be used to control most plants, but this is only shown for those species for which chemicals have been registered

**Biocontrol**  
Biocontrol options are shown only for species where biocontrol is effective

**Irritant**

**Poisonous**

**References**

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6. Invasive Species South Africa. Website: [www.invasives.org.za](http://www.invasives.org.za)

**Useful Contacts**

- Environmental Planning and Climate Protection Department, 166 KE Masinga Road, Durban. **TEL: 031-311 7875.**
- The Botanical Society of South Africa: [www.botanicalsociety.org.za](http://www.botanicalsociety.org.za)
- The Wildlife and Environment Society of South Africa (WESSA) - KZN Region. [wessa.org.za/what-we-do/stop-the-spread.htm](http://wessa.org.za/what-we-do/stop-the-spread.htm)
- South African National Biodiversity Institute [www.sanbi.org](http://www.sanbi.org)
- Invasive Species South Africa [www.invasives.org.za](http://www.invasives.org.za)
- Emerging Weeds Poster [www.durbaninvasives.org.za](http://www.durbaninvasives.org.za)

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**X3/1b** **Mirabilis jalapa** - Four-o'clock

Habit: Perennial or Annual Herb | Family: Nyctaginaceae | Origin: America | (A) Nov - March: Purple, White, Yellow

**INDIGENOUS ALTERNATIVES**

*Dissotis canescens*  
Pink Wild Tibouchina

*Orthosiphon labiatus*  
Shell Bush

*Thunbergia natalensis*  
Natal Blue Bell




**X2** **Pennisetum clandestinum** - Kikuyu Grass

Habit: Grass | Family: Poaceae | Origin: East Africa | (A) Aug - April: White, Silvery

**INDIGENOUS ALTERNATIVES**

*Cynodon dactylon*  
Bermuda Grass

*Doctyloctenium australe*  
Sweet Smother Grass



**1/1a** **Pueraria montana var. lobata** - Kudzu Vine

Habit: Climber | Family: Fabaceae | Origin: Asia (East India, China, Japan) | (A) March - April: Red - Purple

**INDIGENOUS ALTERNATIVES**

*Adenia gummifera*  
Green Hamba Vine

*Cissus fragilis*  
Forest Grape




**n/a** **Ruellia simplex** - Mexican Bluebell

Habit: Perennial Herb | Family: Acanthaceae | Origin: Mexico, Caribbean, South America | (A) March - Oct: Blue - Purple

**INDIGENOUS ALTERNATIVES**

*Barleria obtusa*  
Bush Violet



**n/a** **Sagittaria platyphylla** - Delta Arrowhead


Habit: Perennial Aquatic | Family: Alismataceae | Origin: North America | (A) All Year: White

**INDIGENOUS ALTERNATIVES**

*Nymphaea lotus*  
White Waterlily

*Nymphaea nouchali*  
Blue Waterlily

*Nymphaoides thunbergiana*  
Small Yellow Waterlily



**X3/1b** **Schefflera actinophylla** - Queensland Umbrella Tree

Habit: Tree | Family: Araliaceae | Origin: New Guinea & Australia | (A) Nov - May: Pink - Red

**INDIGENOUS ALTERNATIVES**

*Cussonia nicholsonii*  
Natal Coast Cabbage Tree

*Cussonia sphaerocephala*  
Natal Forest Cabbage Tree

*Cussonia spicata*  
Common Cabbage Tree



**3** **Schefflera arboricola** - Dwarf Umbrella Tree

**Schefflera elegantissima** - False Aralia

Habit: Tree, Shrub (Dwarf Umbrella) | Family: Araliaceae | Origin: New Caledonia, Taiwan (Dwarf Umbrella) | (A) Jan - May: Green - Yellow


**INDIGENOUS ALTERNATIVES**

*Cussonia nicholsonii*  
Natal Coast Cabbage Tree

*Cussonia sphaerocephala*  
Natal Forest Cabbage Tree

*Cussonia spicata*  
Common Cabbage Tree

*Cussonia zuluensis*  
Zulu Cabbage Tree



**1b** **Senna occidentalis** - Stinking Weed


Habit: Shrub | Family: Fabaceae | Origin: Uncertain (possibly America) | (A) Feb - March: Pale Yellow

**INDIGENOUS ALTERNATIVES**

*Calpurnia aurea*  
Natal Laburnum

*Ochna serrulata*  
Small-leaved Plane

*Psychotria capensis*  
Black Bird-berry




**3/3** **Syzygium jambos** - Rose Apple

Habit: Tree | Family: Myrtaceae | Origin: South - East Asia | (A) Aug - March: Green - White

**INDIGENOUS ALTERNATIVES**

*Pratohus longifolia*  
Red Beech



**1b** **Tradescantia zebrina** - Wandering Jew

Habit: Herb | Family: Commelinaceae | Origin: Mexico | (A) All year: Purple

**INDIGENOUS ALTERNATIVES**

*Delosperma tradescantoides*

