

# APPROPRIATE PLANTS IN SCHOOLS

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**Everything you need to know**

**(but probably don't want to know)**



**Schools Officers Workshop at JWEEC  
Presentation by Glenn Leiper  
Friday, 29 November 2013**

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## Some recommended native plants for schoolgrounds

BA = Bird attracting

BHP = Butterfly host plants

BT = Bush Tucker

### Shrubs

Midyim ( <i>Austromyrtus dulcis</i> )	BT	
Baeckea / Babingtonia species	BA	
Banksia species such as <i>B. oblongifolia</i> , <i>B. robur</i> , <i>B. spinulosa</i>		BA
Blue Tongue ( <i>Melastoma affine/malabathricum</i> )	BT	
Dogwood ( <i>Jacksonia scoparia</i> )		
Doryanthes excelsa (Gynea Lily)		
Doryanthes palmeri (Spear Lily)		
Forest Pittosporum ( <i>Pittosporum revolutum</i> )		
Grass Trees ( <i>Xanthorrhoea</i> species)	BA	
Grevillea species such as <i>G. Peaches &amp; Cream</i> , <i>G. Superb</i> , <i>G. Honey Gem</i>		BA
Holly-leaved Fuchsia ( <i>Graptophyllum ilicifolium</i> )		
Leptospermum species such as <i>L. petersonii</i> , <i>L. polygalifolium</i> , <i>L. Cardwell</i>		BA
Mat Rush ( <i>Lomandra hystrix</i> & <i>L. longifolia</i> )		
Melaleucas ... some forms only stay short and compact such as <i>M. Claret Tops</i> & <i>M. Snowstorm</i>		BA
Mint Bush ( <i>Prostanthera ovalifolia</i> )		
Native Fuchsia ( <i>Graptophyllum excelsum</i> )		
Native Rosemary ( <i>Westringia fruticosa</i> & other <i>Westringias</i> )		
Pink Flowering Lillipilli ( <i>Syzygium "Cascade"</i> )	BT	
Plum Myrtle ( <i>Pilidiostigma rhytispermum</i> )		
Purple Pea Bush ( <i>Hovea acutifolia</i> )		
Sago Bush or Rice Flower ( <i>Ozothamnus diosmifolius</i> )		
Showy Sauropus ( <i>Sauropus albiflorus</i> )		
Shrubby Pine ( <i>Podocarpus spinulosus</i> )	BT	
Silver Cassia ( <i>Cassia/Senna artemisioides</i> )		
Small-leaved Psychotria ( <i>Psychotria daphnoides</i> )		

### Small Trees

Backhousia myrtifolia (Grey Myrtle)	BA	
Banksia integrifolia	BA	
Bottlebrushes (Callistemons)	BA	
Brachychiton bidwillii	BA	
Canthium/Psydrax odorata	BA	
Clerodendrum floribundum (Lollybush)		
Corymbia ptychocarpa (Pink-flowering Gum)	BA	
Diamond-leaved Pittosporum ( <i>Pittosporum/Auranticarpa rhombifolia</i> )		BA
Diploglottis campbellii (Small-leaved Tamarind)	BT	
Eleaocarpus reticulatus (Blueberry Ash) & Eleaocarpus "Prima Donna"		BA
Fine-leaved Tuckeroo ( <i>Lepiderema pulchella</i> )		
Golden Penda ( <i>Xanthostemon chrysanthus</i> )	BA	
Some Grevilleas such as <i>G. Sandra Gordon</i> , <i>G. baileyana</i> , <i>G. banksii</i> , <i>G. Candelabra</i>		BA
Ivory Curl Flower ( <i>Buckinghamia celsissima</i> )	BA	

Lillipillies such as *Syzygium luehmannii*, *Syzygium oleosum* and *Acmena smithii* BT  
 Long-leaved Tuckeroo (*Cupaniopsis newmanii*)  
 Melaleuca species such as *M. linariifolia* (Snow In Summer) BA  
 Native Daphne (*Pittosporum undulatum*)  
 Native Gardenia (*Randia fitzalanii*) BT  
 Pink Lace Flower (*Archidendron grandiflorum*)  
 Pink Phyllanthus (*Phyllanthus cuscufiflorus*)  
 Snow Wood (*Pararchidendron pruinosum*)  
 Water Gum (*Tristaniopsis laurina*)

### Trees

Bottle Tree (*Brachychiton rupestre*)  
 Brown Pine (*Podocarpus elatus*) BT  
 Brush Box (*Lophostemon confertus*)  
 Brush Cherry/Lillipilli (*Syzygium australe*) BT  
 Cassia tomentella (Velvet Cassia) and Cassia marksiana (Brush Cassia) BHP  
 Crown Of Gold (*Barklya syringifolia*)  
 Flame Tree (*Brachychiton acerifolius*) BA  
 Lemon Myrtle (*Backhousia citriodora*) BT  
 Little Evodia (*Melicope rubra*) BA  
 Native Frangipani (*Hymenosporum flavum*)  
 North Queensland Waratah (*Alloxylon flammeum*) BA  
 Pink Euodia (*Melicope elleryana*) BA  
 Plunkett Mallee (*Eucalyptus curtisii*) BA  
 Scrub Teak (*Toechima tenax*)  
 Tulipwood (*Harpullia pendula*) BA  
 Tuckeroo (*Cupaniopsis anacardioides*) BA  
 Weeping Lillipilli/Myrtle (*Waterhousea floribunda*) BA  
 Wheel of Fire (*Stenocarpus sinuatus*) BA

### Vines

Birdwing Butterfly Vine (*Pararistolochia praevenosa*) BHP  
 Bower Vine (*Pandorea jasminoides*)  
 Dusky Coral Pea (*Kennedia rubicunda*)  
 Roaring Meg Tecomanthe (*Tecomanthe* species "Roaring Meg")  
 Sarsaparilla Vine (*Hardenbergia violacea*)  
 Snake Vine (*Hibbertia scandens*)  
 Wonga Vine (*Pandorea pandorana*)

### Recommended Books

1. "Growing Australian Plants in Subtropical Gardens" by Jan Sked (Society for Growing Australian Plants, PO Box 41, Lawnton, Q 4501)
2. "Mangroves To Mountains. A Field Guide to the Native Plants of S-E Qld" by G. Leiper, D. Cox, J. Glazebrook & K. Rathie (leiper30@bigpond.com)

## Declared and Environmental Weeds

### Declared Weeds

C1 ... notify council if you think you have it

C2 ... landowners must take steps to keep their land free of these weeds and to prevent further spread

C3 ... landowners aren't required to control these weeds unless their land is adjacent to an Environmentally Significant Area

### Environmental Weeds

E ... environmental weeds that cause serious harm and where practical should be removed

African Tulip Tree ( <i>Spathodea campanulata</i> )	C3
Asparagus Ferns ( <i>Asparagus</i> species)	C3
Black-Eyed Susan ( <i>Thunbergia alata</i> )	E
Brazilian Nightshade ( <i>Solanum seaforthianum</i> )	E
Broad-leaved Pepper Tree ( <i>Schinus terebinthifolius</i> )	C3
Cadaghi ( <i>Corymbia torelliana</i> )	C3
Camphor Laurel ( <i>Cinnamomum camphora</i> )	C3
Cat's Claw Creeper ( <i>Macfadyena unguis-cati</i> )	C3
Chinese Elm ( <i>Celtis sinensis</i> )	C3
Cocos Palm ( <i>Syagrus romanzoffianum</i> )	E
Coral Berry ( <i>Rivina humilis</i> )	E
Dutchman's Pipe Vine ( <i>Aristolochia elegans</i> )	C3
Easter Cassia ( <i>Senna pendula</i> var. <i>glabrata</i> )	E
Golden Rain Tree ( <i>Koelreuteria paniculata</i> )	E
Groundsel Bush ( <i>Baccharis halimifolia</i> )	C2
Lantana ( <i>Lantana camara</i> )	C3
Creeping Lantana ( <i>Lantana montevidensis</i> )	C3
Madeira Vine ( <i>Anredera cordifolia</i> )	C3
Mile A Minute ( <i>Ipomoea cairica</i> )	E
Mother Of Millions ( <i>Bryophyllum</i> species)	C2
Moth Vine ( <i>Araujia sericifera</i> )	E
Ochna ( <i>Ochna serrulata</i> )	E
Corky Passion Flower ( <i>Passiflora suberosa</i> )	E
White Passion Flower ( <i>Passiflora subpeltata</i> )	E
Polka Dot Plant ( <i>Hypoestes phyllostachya</i> )	E
Broad-leaved Privet ( <i>Ligustrum lucidum</i> )	C3
Small-leaved Privet ( <i>Ligustrum sinense</i> )	C3
Purple Succulent ( <i>Callisia fragrans</i> )	E
Silverleaf Desmodium/Velcro Vine ( <i>Desmodium uncinatum</i> )	E
Singapore Daisy ( <i>Sphagneticola trilobata</i> )	C3
Siratro ( <i>Macroptilium atropurpureum</i> )	E
Slash Pine ( <i>Pinus elliottii</i> )	E
Umbrella Tree ( <i>Schefflera actinophylla</i> )	E
Wandering Jew ( <i>Tradescantia fluminensis</i> )	E
Wild Tobacco ( <i>Solanum mauritianum</i> )	E
Yellow Bells ( <i>Tecoma stans</i> )	C3

## Water Weeds of ponds, creeks and dams

Salvinia ( <i>Salvinia molesta</i> )	C2
Water Hyacinth ( <i>Eichhornia crassipes</i> )	C2
Water Lettuce ( <i>Pistia stratiotes</i> )	C2

### Recommended reading

"Weeds Of Logan" booklet from Logan City Council

### Recommended website

[biosecurity@brisbane.qld.gov.au](mailto:biosecurity@brisbane.qld.gov.au)















*Easter Cassia ... a common weed that escapes into bushland from gardens*



*Creeping Lantana ... another common bushland weed that smothers native plants*

## Poisonous Plants in Schools

<p><b>Aroids</b> Examples include Elephant's Ears, Cunjevoi, Caladium, Taro All parts are poisonous.</p> 	<p><b>Aroids</b> Taro All parts are poisonous.</p> 	<p><b>Aroids</b> Caladium All parts are poisonous.</p> 
<p><b>Arum Lily</b> All parts are poisonous.</p> 	<p><b>Agapanthus</b> All parts are poisonous.</p> 	<p><b>Agapanthus (white form)</b> All parts are poisonous.</p> 
<p><b>Allamanda Vine</b> All parts are poisonous.</p> 	<p><b>Allamanda Bush</b> All parts are poisonous.</p> 	<p><b>Azalea</b> All parts are poisonous.</p> 
<p><b>Angel's Trumpet</b> Colours include white, orange, pink. All parts are poisonous.</p> 	<p><b>Angel's Trumpet</b> Orange form All parts are poisonous.</p> 	<p><b>Angel's Trumpet</b> Pink form All parts are poisonous.</p> 

**Anthurium (Flamingo Flower)**  
All parts are poisonous.



**Black Bean**  
The seeds are poisonous.



**Black Bean (flowers)**  
Seeds poisonous.



**Balloon Cotton (common weed)**  
All parts are poisonous.



**Brazilian Nightshade (weed vine)**  
All parts are poisonous.



**Castor Oil Plant**  
All parts are very poisonous.



**Clivia**  
Mainly the bulb is poisonous.



**Daffodil (and Jonquil)**  
Bulbs & leaves are poisonous.



**Dutchman's Pipe Vine**  
Mainly leaves are poisonous.



**Dieffenbachia (Dumb Cane)**  
All parts are poisonous.



**Dieffenbachia**  
All parts are poisonous.



**Dieffenbachia**  
All parts are poisonous.





**Duranta** (including all forms such as Sheena's Gold)  
All parts are poisonous.



**Duranta**

All parts are poisonous.



**Duranta**  
(often used as a hedge)  
All parts are poisonous.



**Euphorbia**  
Sap, leaves & flowers cause  
nausea & diarrhoea.



**Euphorbia (Snow Flake)**  
Sap, leaves & flowers cause  
nausea & diarrhoea.



**Frangipani**  
Sap, leaves & flowers cause  
nausea & diarrhoea.



**Gidee-Gidee (or Crab's Eye) vine**  
Red & black seeds are poisonous.



**Glory Lily**  
All parts are poisonous.



**Hippeastrum**  
Mainly the bulb is poisonous.



**Honeysuckle Vine**  
Berries & leaves are poisonous.



**Hoya (or Waxflower Vine)**  
All parts are poisonous.



**Hydrangea**  
All parts are poisonous.



**Inkweed (a common weed)**  
Berries, leaves & roots are  
poisonous.



**Lantana**  
Mainly green fruit are  
poisonous, but all parts should  
be considered poisonous.



**Lantana**



**Mother-of-millions**  
All parts are poisonous.



**Night Jasmine**  
All parts are poisonous.



**Yellow Oleander**  
All parts are poisonous.



**Oleander**  
There are various colour forms.  
All parts are poisonous.



**Oleander**  
All parts are poisonous.



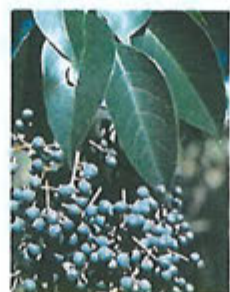
**Oleander**  
All parts are poisonous.



**Pink Periwinkle**  
All parts are poisonous.











**Privet (Large-leaved)**  
Mainly leaves & berries poison.



**Privet (Small-leaved)**  
Mainly leaves & berries poison.



<p><b>Rhododendron</b> Various colour forms. All parts are poisonous.</p> 	<p><b>Rhododendron</b> All parts are poisonous.</p> 	<p><b>Rhododendron</b> All parts are poisonous.</p> 
<p><b>White Cedar</b> Berries &amp; leaves are poisonous.</p> 	<p><b>White Cedar</b> Berries &amp; leaves are poisonous.</p> 	<p><b>Wisteria Vine</b> All parts are poisonous.</p> 
<p><b>Yesterday, Today &amp; Tomorrow</b> All parts are poisonous.</p> 	<p><b>Zamia &amp; Cycad "Palms"</b> Cycad photo below. Leaves &amp; seeds are poisonous. Pollen is carcinogenic.</p> 	<p><b>Zamia "palm"</b> Zamia photo below. Leaves &amp; seeds are poisonous. Pollen is carcinogenic.</p> 

## Some of the Poisonous Plants

often seen in

school grounds, parks and gardens, and residential properties in the region

**The following plants are known to be poisonous to people and in many cases deaths have occurred from eating part of them.**

- Aroids such as Taro, Cunjevoi, Elephant's Ears, Caladiums ... all parts are poisonous
- Allamanda Vines (*Allamanda cathartica* & *Allamanda neriifolia*)... all parts
- Anthuriums (Flamingo Flower) ... all parts
- Angel's Trumpet (*Brugmansia* species) ... all parts
- Agapanthus (*Agapanthus praecox*) ... all parts
- Arum Lily (*Zantedeschia aethiopica*) ... all parts
- Azaleas & Rhododendrons ... all parts
- Black Bean (*Castanospermum australe*) ... seeds are poisonous
- Belladonna Lily (*Amaryllis belladonna*) ... sap and bulbs are poisonous
- Clivia (*Clivia miniata*) ... mainly the bulb is poisonous
- Daffodils (*Narcissus pseudonarcissus*) ... bulbs and leaves are poisonous
- Daphne (*Daphne* species)... all parts
- Dieffenbachias (Dumb Cane) ... all parts
- Duranta (*Duranta erecta*) & Sheena's Gold ... all parts
- Dutchman's Pipe Vine (*Aristolochia elegans*) ... mainly the leaves are poisonous
- Euphorbia ... sap, leaves & flowers may cause nausea & diarrhoea
- Frangipani (*Plumeria rubra*) ... sap, leaves & flowers may cause nausea & diarrhoea
- Glory Lily (*Gloriosa superba*) ... all parts
- Hippeastrum Lily (*Hippeastrum* species) ... mainly the bulb is poisonous
- Honeysuckle Vine (*Lonicera japonica*) ... berries and leaves are poisonous
- Hoya vines ... all parts
- Hydrangea (*Hydrangea macrophylla*) ... all parts
- Jonquils (*Narcissus jonquilla*) ... bulbs and leaves are poisonous
- Lantana (*Lantana camara*) ... green fruit mainly, but all parts are poisonous
- Mother-of-millions (*Bryophyllum* species) ... all parts
- Oleander (*Nerium oleander*) ... all parts
- Yellow Oleander (*Thevetia peruviana/Cascabela thevetia*) ... all parts
- Pink Periwinkle (*Catharanthus roseus*) ... all parts
- Yesterday-Today-Tomorrow (*Brunfelsia australis*) ... all parts
- Privets (*Ligustrum lucidum* & *Ligustrum sinense*) ... mainly the leaves & berries are poisonous
- Snow Bush (*Euphorbia*) ...sap, leaves & flowers may cause nausea & diarrhoea
- White Cedar (*Melia azedarach*) ... fruit & leaves are poisonous
- Wisteria Vine (*Wisteria floribunda*) ... all parts

### **Some poisonous weeds sometimes found in school grounds**

- Balloon Cotton or Swan Plant (*Gomphocarpus fruticosus*) ... all parts are poisonous
- Brazilian Nightshade (*Solanum seafortianum*) ... all parts
- Castor Oil Plant (*Ricinus communis*) ... all parts
- Gidee-Gidee or Crab's Eye (*Abrus precatorius*) ... the red & black seeds are very poisonous
- Green Cestrum (*Cestrum parqui*) ... all parts
- Inkweed (*Phytolacca octandra*) ... berries, leaves & roots are poisonous

Leucena (*Leucaena leucocephala*) ... leaves, seeds, pods are poisonous

Night Jasmine (*Cestrum nocturnum*) ... all parts

Wild Tobacco (*Solanum mauritianum*) ... leaves and green berries are poisonous

Zamias, cycads, lepidozamias (*Cycas* species, *Macrozamia* species, *Lepidozamia* species) ... leaves & seeds are poisonous; and the pollen is carcinogenic

#### **Recommended Books**

“Plants and fungi poisonous to people in Queensland” (Queensland Health, Qld Gov't)

“Australia's Poisonous Plants, Fungi and Cyanobacteria” by Ross McKenzie (CSIRO publishing)

“Pretty But Poisonous” by R. C. H. Shepherd (R. G. & F. J. Richardson)

#### **Recommended website**

[www.health.qld.gov.au/poisonsinformationcentre/plants\\_fungi](http://www.health.qld.gov.au/poisonsinformationcentre/plants_fungi)

# Recommended Nurseries

that sell native plants

NURSERY	SPECIALISING IN	PHONE	FAX
<b>Greening Australia</b> Twahamwe Cottage 57 Paten Road, The Gap 4061	Broad range of natives	3300 6304	
<b>Fairhills Native Nursery</b> Fairhills Road Yandina 4561	Broad range of natives	0754 467193	0754 468131
<b>Nielsens Native Nursery</b> 49 Beenleigh & Redland Bay Roads, Loganholme 4129	Broad range of natives	073 8061414	073 806 1706
<b>Bush Nuts Nursery</b> Lot 14 Syndicate Road Tallebudgera Valley 4228	Mainly rainforest plants	5533 8105	
<b>Wallum Nurseries</b> 1237 New Cleveland Road Capalaba 4157	Local species (Min.order =160 plants)	3823 3233	3823 3533
<b>Gecko Regen</b> 31 Clagiraba Road (cnr Gerara Court & Clagiraba Road) Clagiraba 4211 <i>Email: nursery@geckoregen.org.au</i>	Local species	55 146114 0414519572	
<b>Indigiscapes</b> 17 Runnumede Road Capalaba 4157	Local species	3824 8611	
<b>Jacobs Well Environmental Education Centre</b> 843 Jacobs Well-Pimpama Road Norwell 4208 <i>Email: office@jacobseec.eq.edu.au</i>	Small range of natives	55 462317	55 461820
<b>Kumbartcho Nursery</b> 15 Bunya Pine Court Eatons Hill 4037		3264 3953	

Dichondra