

DECLARED AND PROBLEM WEEDS – GATTON CAMPUS

Name: African Boxthorn
Botanical name: *Lycium ferocissimum*

Description: African boxthorn is a declared Class 2 pest plant under Queensland State legislation. It produces a dense thicket armed with spines that can form an impenetrable barrier to domestic stock. African boxthorn is a perennial shrub up to 5 m in height with a deep and extensive branched root system. The main branches are widely spread and carry numerous branchlets, each of which ends in a spine. The main stem has spines up to 15 cm long while the branchlets carry smaller spines. Leaves are bright green, 3 cm long and 2 cm wide, rounded at the top and tapering to the base. White to pale mauve flowers about 12 mm in diameter hang from short stalks. They occur singly or in pairs in the forks of the leaves. Smooth green berries ripen to a bright orange to red colour and contain numerous light-brown, oval, flattened seeds.

Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-African-Boxthorn-PP8.pdf



Name: Castor Oil Plant
Botanical name: *Ricinis communis*

Description: Castor Oil Plant is undeclared but is seen as a problem weed to the university campus. This weed's stems are hollow and green to red. This weed can grow to height of 3 metres or more and has large glossy palmate leaves. Flowers are red /green colour for female areas with male parts being yellow. They appear on thickened stalks in dense clusters. The flowers appear from late spring all through summer. Reproduces by seed and is spread by water, animals, machinery, slashing, and in soil and waste vegetation.

Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Castor-Oil-Bush-PP44.pdf



Name: Cat's Claw Creeper
Botanical name: *Macfadyena unguis-cati*

Description: Cat's Claw Creeper is a declared Class 3 pest plant under Queensland State legislation. This weed is a vigorous woody climber that has strong tendrils that end in 3 sharp, hooked claws hence where the weed takes its name. It has dark green opposite leaves divided into 2 lance shaped leaflets about 5 cm long and 1.5 cm wide. Flowers are showy, bright yellow, bell-shaped flowers that usually appear in September-October.

Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Cats-Claw-Creeper-139.pdf



Name: Chinese Celtis
Botanical name: *Celtis sinensis*

Description: Chinese Celtis is a declared Class 3 pest plant under Queensland State legislation. This weed is a deciduous tree that can grow to about 12 m tall and flowers in spring. Leaves are quite glossy, with a paler underside, pronounced veins, serrated edge and a rough texture. Thousands of small, orange to red berries are produced from small inconspicuous flowers and are dispersed when eaten by birds and fruit bats, or by water movement.

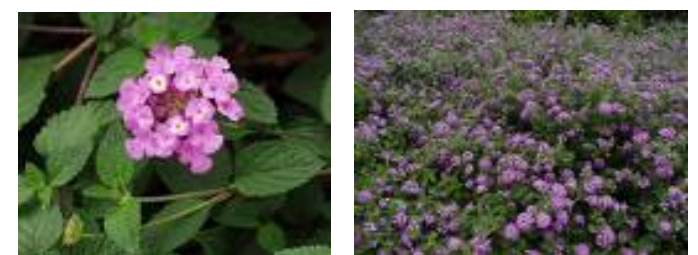
Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Chinese-Celtis-PP71.pdf



Name: Creeping Lantana
Botanical name: *Lantana montevidensis*

Description: Creeping lantana is a declared Class 3 pest plant under Queensland State legislation. It is a creeping, trailing, scrambling woody weed that has the potential to become a low shrub. The stems are square, yet lack prickles, and can root from the node. It is often mat forming with short branches and many clusters of lilac–purple flowers that produce fruit round in shape and glossy green turning fleshy and purplish–black when ripe.

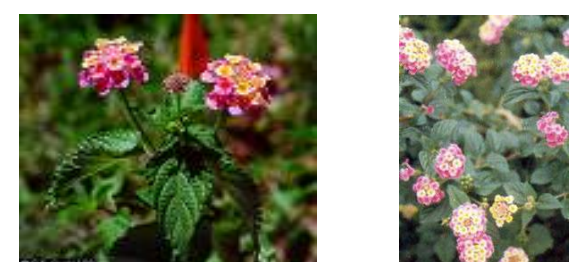
Fact Sheet: http://www.weeds.org.au/docs/Lantana_Profile.pdf



Name: Lantana
Botanical name: *Lantana camara*

Description: Lantana is classed as a Weed of National Significance (W.O.N.S.) and is a declared Class 3 pest plant under Queensland State legislation. It is potentially one of the worst weeds in the country because of its invasive threat. It is a heavily branched shrub that can grow as compact clumps, dense thickets, and as a scrambling climbing vine.

Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Lantana-PP34.pdf



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Name: Groundsel bush

Botanical name: *Baccharis halimifolia*

Description: Groundsel bush is a declared Class 2 pest plant under Queensland State legislation. It is a densely-branched shrub usually no more than 3 m high. Stems are green at first maturing to a woody brown. Bark of mature plants is deeply fissured. Leaves are dull green, alternate, wedge-shaped, 2.5–5 cm long, 1–2.5 cm broad, with a few lobes in the upper part.

Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Groundsel-Bush-PP13.pdf



Name: Harrisia Cactus / Moonlight Cactus

Botanical name: *Eriocereus spp (martinii / tortuosus)*

Description: Harrisia Cactus is a declared Class 2 pest plant under Queensland State legislation. It is a cactus is a perennial and has spiny fleshy stems that are jointed and form dense tangled mats that can grow to just over half a metre high.

Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Harrisia-Cactus-PP22.pdf



Name: Madeira Vine

Botanical name: *Anredera cordifolia*

Description: Maderia vine is a declared Class 3 plant under the *Land Protection (Pest and Stock Route Management) Act 2002*. It is a vigorous climber which can produce thousands of aerial tubers along its stem. It has light green, wide heart shaped, fleshy 4–5 cm leaves. It produces dense blankets of creamy flower spikes from December to April. The flower spikes are 10 cm long and each spike is made up of numerous individual small flowers and resemble a lambs tail.

Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Maderia-Vine-PP86.pdf



Name: Mesquite

Botanical name: *Prosopis pallida*

Description: Mesquite is classed as a Weed of National Significance (W.O.N.S.) and is a declared Class 1, and 2 pest plant under Queensland State legislation. It is potentially one of the worst weeds in the country because of its invasive threat. There are a four species of *Prosopis* species all of which have large characteristic thorns adjacent to the leaf axil and bi-pinnate, fern like, leaves. This weed is found either as a multi-stemmed shrub with long drooping branches that grows between 3-5m in height or as a single stemmed tree with a large canopy that can reach a height of up to 15 metres.

Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Mesquite-PP37.pdf

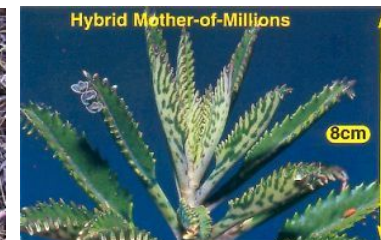


Name: Mother of Millions

Botanical name: *Bryophyllum delagonensis*

Description: Mother of millions is a declared Class 2 pest plant under Queensland State legislation. They are erect, fleshy, succulent plants growing to one metre or more in height. Having grey-brown fleshy, cylindrical leaves this plant has seven pointed projections at the tip of the leaf. This species forms tall flower spikes of bell shaped flowers coloured orange-red which appear throughout winter from May to October. These plants and especially their flowers are highly poisonous to stock and often cause death.

Fact Sheet: http://www.dpi.qld.gov.au/documents/Biosecurity_EnvironmentalPests/IPA-Mother-Millions-PP33.pdf



Name: Poison Buttercup

Botanical name: *Ranunculus sceleratus*

Description: Poison Buttercup is undeclared but is seen as a problem weed to the university campus. This succulent herb is a fast growing annual which produces a multitude of small yellow flowers and tiny seeds that are easily collected on birds and animals which act as vectors for its spread similarly to water. The plant has a strongly acid juice and is highly poisonous to livestock and humans.

Fact Sheet: <http://www.pf.uq.edu.au/Ems/Generic/WeedPoisonButtercup.pdf>



Name: Tiger Pear

Botanical name: *Opuntia aurantiaca*

Description: Tiger Pear is a declared Class 2 pest plant under Queensland State legislation. It is a succulent low growing shrub with underground tubers usually grows to a height of about 30-60cm.

Fact Sheet: <http://www.dpi.qld.gov.au/cps/rde/xbcr/dpi/IPA-Prickly-Pear-Control-PP29.pdf>

