



WEEDS OF WESTERN AUSTRALIA

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WEEDS OF WESTERN AUSTRALIA

Weeds vascular plants,
also invasive Algae, Mosses and Fungi

- Weed: Plant growing where it is not wanted
 - Naturalised: Reproducing unaided by Man
- Effects: Amenity, Agricultural or Environmental
 - Most Weeds are from Overseas (Exotic)

WEED ISSUES

- New and Emerging Crop and Environmental Weeds.
- New Issues-hybridization/genetic pollution/GM
- New players
 - *Climate Change*
 - *Roadside plantings and invasion of remnants*
 - *Weedy or native*

EASTERN AUSTRALIAN KUNZEA SPECIES



Kunzea ericoides





Kunzea ambigua



AGRICULTURE

Ornithogalum umbellatum

Wheat Rust host!
Ravensthorpe area

Eradicated



Websourced

Lachenalia pallida

First reported in 2022



DPIRD id photo from public

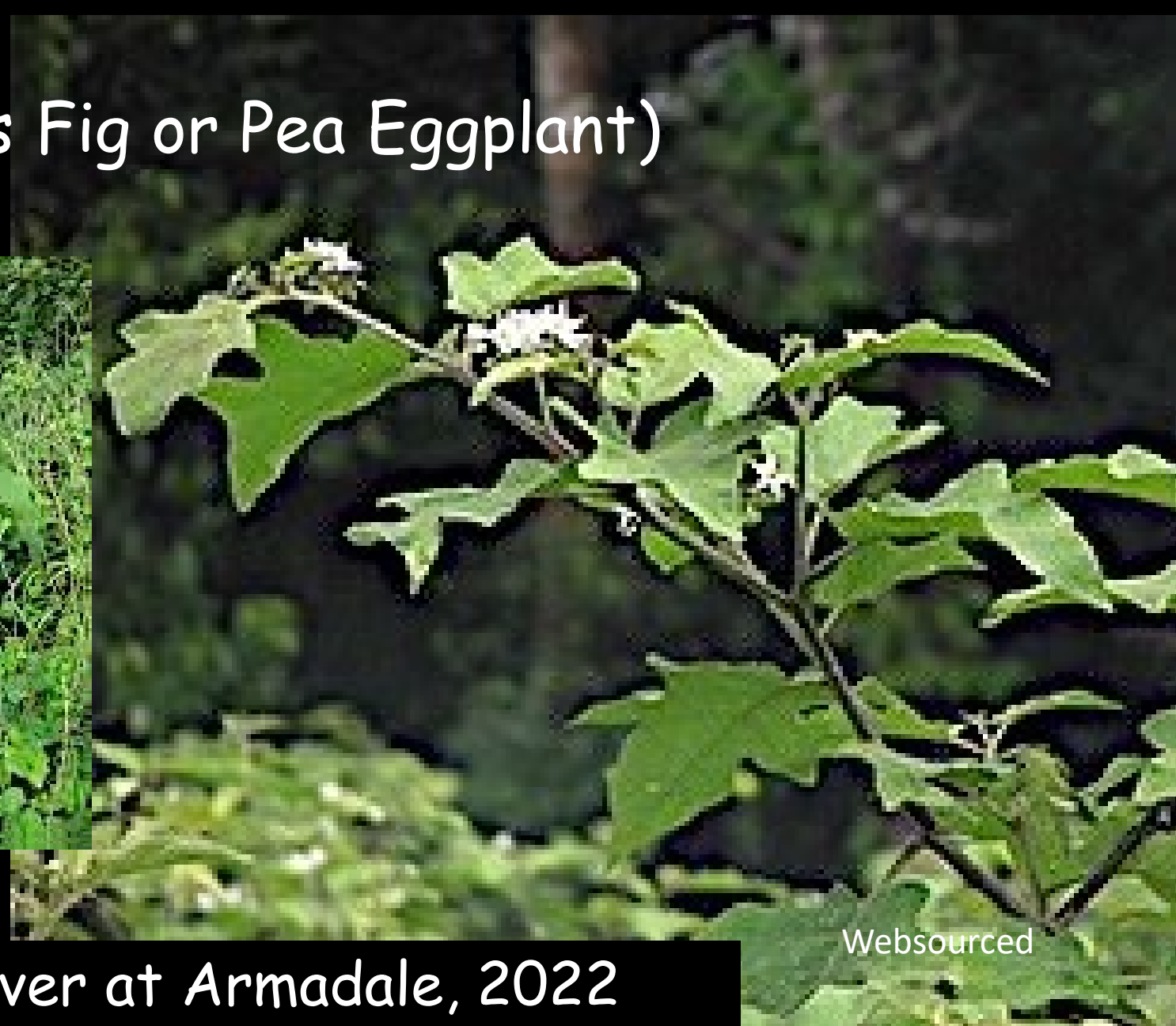


Hybrid swarm of
Lachenalia aurea and *L. quadricolor*



Post fire Aldersyde, 2023

Solanum torvum (Devils Fig or Pea Eggplant)



Websourced

Scattered along Avon River at Armadale, 2022



Ceratonia siliqua
(Carob)

Tributary of Moore River at Moora, 2023

Acacia ?verniculosa



Argyle, near Donnybrook, 2023

DPIRD officer



Selenicereus undatus
(Dragon Fruit)



Davilak, Lake Manning 2022

Passiflora tarminiana
Banana Passionfruit



Creekline north of Walpole 2022

Acer pseudoplatanus
Sycamore Maple

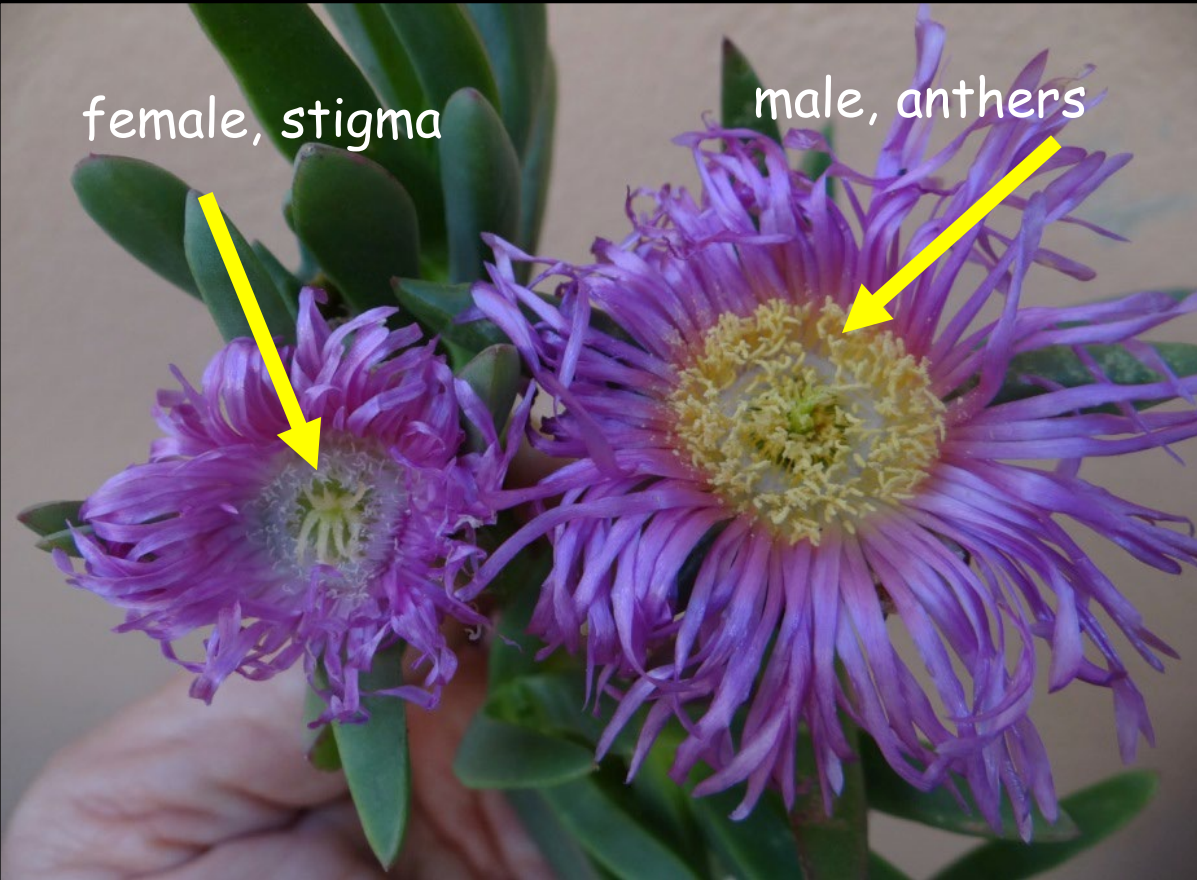


Pemberton



Competition, hybridisation between native and weedy Pigfaces (*Carpobrotus*)

Native *Carpobrotus virescens*



Weedy South African *Carpobrotus edulis*



Carpobrotus edulis

Photos: I.R. Dixon, K. Richardson & R. Robson

Hybrids form
widely planted for rehabilitation



Fruits of (left to right): *C. edulis*, *C. hybrid* and *C. virescens*.



Hybrid *Carpobrotus* flower and fruit

Carpobrotus
not native, ? source




Bunbury 2019

Geissorhiza aspera



C1 species-Prohibited import, prohibited to grow or sell
Discovered at Hamel, 2016

Alert: Swan Coastal & South West



Ludwigia repens
Creeping Primrose Willow

Harvey River, 2023



Photo: B. Wursten



Websourced

Colopospermum mopane Mopane



Kimberley

Keighery & Mitchell, 2021, WA Naturalist 32: 32-34.



Vicki Long

Conocarpus erectus Button Mangrove



Keighery & Long 2022. Nuytsia 33: 29-33.

Histiopteris incisa
Bat Winged Fern



Keighery (2016) Status of the Fern *Histiopteris incisa*
(Dennstaedtiaceae) in southern Western Australia.
Nuytsia 27: 243-244

BIOSECURITY

- No new weeds
- No new pests
- No adding to variation in old pests

Enabling commerce (horticulture & agriculture) to thrive

What's in this seed packet?

AUSTRALIA'S
WILDFLOWERS

D

PRICE CODE

D

5764

Everlastings

Botanical name - Rhodanthe chlorocephala ssp. Rosea

This lovely flower is one of the easiest of our wildflowers to grow and flowers in about three months from seed. It is very showy and attractive in clumps or drifts in the garden, makes excellent cut flowers, fresh or dried.

Rhodanthe manglesii

Mr. Fothergill's



Everlastings

Native Seed

Fascinating plants, native to Australia



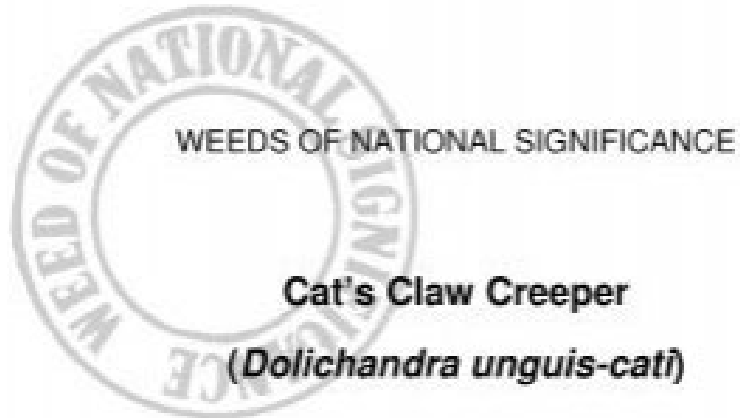
BIOSECURITY IN WESTERN AUSTRALIA

Permitted/Prohibited lists (**State** and Federal)

- Western Australian Organisms List (WAOL)-
56,355 organisms (48,296 plants)
- Present in WA-?37,615; Absent 3945; Present 14,742

Desperately needs updating

WEED OF NATIONAL SIGNIFICANCE



Cat's Claw Creeper
(Dolichandra unguis-cati)



Draft Strategic Plan
2012 to 2017

PUBLIC CONSULTATION DRAFT
AUGUST 2012



Websourced



Dolichandra unguis-cati Cats Claw Creeper

Declared Pest-Prohibited - s12 (C1 Prohibited)

Synonym: *Macfadyena unguis-cat*

Websourced



Gynura procumbens
Longevity Spinach



Earthwise Subiaco



SECURE LOCALITY

Blitum capitatum
Strawberry Spinach

??????

Thank You

to find the plant
nothing beats
walking and
collecting

Photos unless otherwise credited
by Bronwen and Greg Keighery

