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 ambigua



AGRICULTURE

Ornithogalum umbellatum

Wheat Rust host! Ravensthorpe area

Eradicated



Websourced

Lachenalia pallida First reported in 2022



Hybrid swarm of Lachenalia aurea and L. guadricolor

Post fire Aldersyde, 2023

Solanum torvum (Devils Fig or Pea Eggplant)



Scattered along Avon River at Armadale, 2022

Websourced

Ceratonia siliqua (Carob)

Tributary of Moore River at Moora, 2023

Acacia ?verniculosa

Argyle, near Donnybrook, 2023

DPIRD officer

Selenicereus undatus (Dragon Fruit)

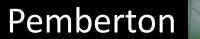
Davilak, Lake Manning 2022



Passiflora tarminiana Banana Passionfruit

Creekline north of Walpole2022

Acer pseudoplantanus Sycamore Maple



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.



Carpobrotus not native, ? source

Bunbury 2019

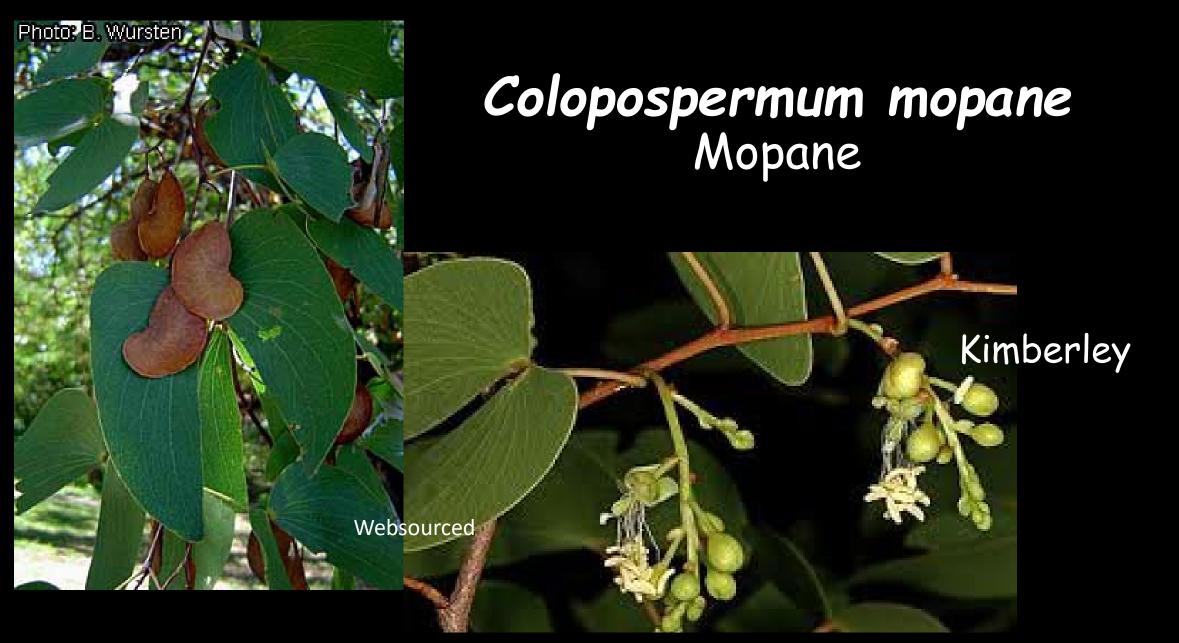
Geissorhiza aspera



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



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



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?

Everlastings

PRICE CODE

5764

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

Everlastings

Native Seed

Fascinating plants, native to Australia

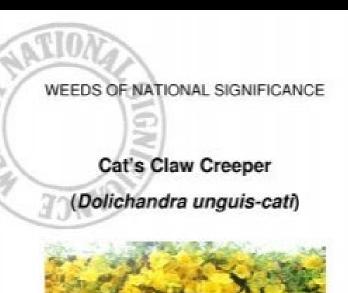
BIOSECURITY IN WESTERN AUSTRALIA

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





Draft Strategic Plan 2012 to 2017

PUBLIC CONSULTATION DRAFT AUGUST 2012

WEED OF NATIONAL SIGNIFICANCE



Websourced

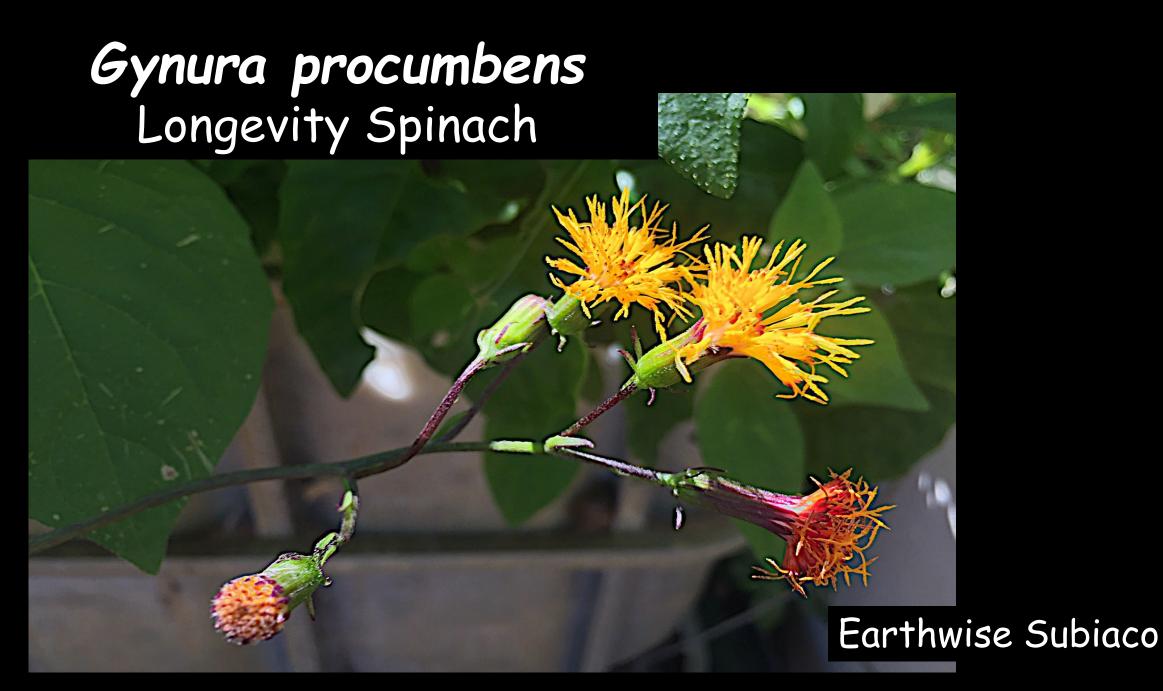
Dolichondra unguis-cati Cats Claw Creeper

Declared Pest-Prohibited - s12 (C1 Prohibited)

Synonym: Macfadyena unguis-cat



Websourced



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

