

WHERE EAST MEETS WEST

PLANTS AND PLANT COMMUNITIES OF PERTH AIRPORT PRECINCT



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Swan Coastal Plain

Jarrah Forest (Darling Plateau /Darling Scarp)



SWA Swan Coastal Plain

Low lying coastal plain, mainly covered with woodlands. It is dominated by *Banksia* or Tuart on sandy soils, *Allocasuarina obesa* on outwash plains, and paperbark in swampy areas. In the east, the plain rises to duricrusted Mesozoic sediments dominated by Jarrah woodland. Warm Mediterranean. Three phases of marine sand dune development provide relief. The outwash plains, once dominated by *A. obesa-marri* woodlands and *Melaleuca* shrublands are extensive only in the south.



Northern

- Central Kimberley (CK)
- Dampierland (DL)
- Northern Kimberley (NK)
- Ord-Victoria Plains (OVP)
- Victoria Bonaparte (VB)

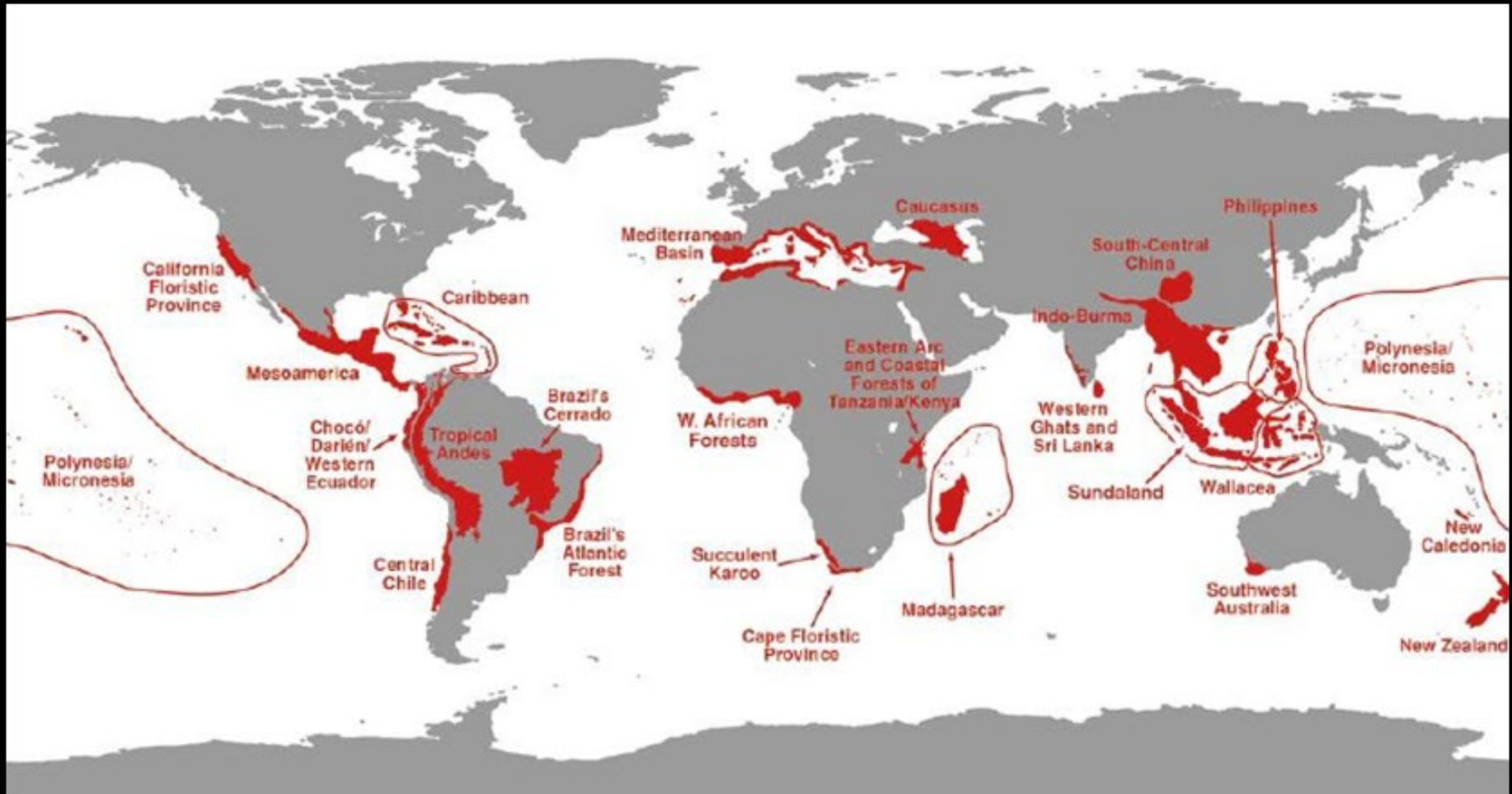
Eremaean

- Carnarvon (CAR)
- Central Ranges (CR)
- Coolgardie (COO)
- Gascoyne (GAS)
- Gibson Desert (GD)
- Great Sandy Desert (GSD)

Southwest

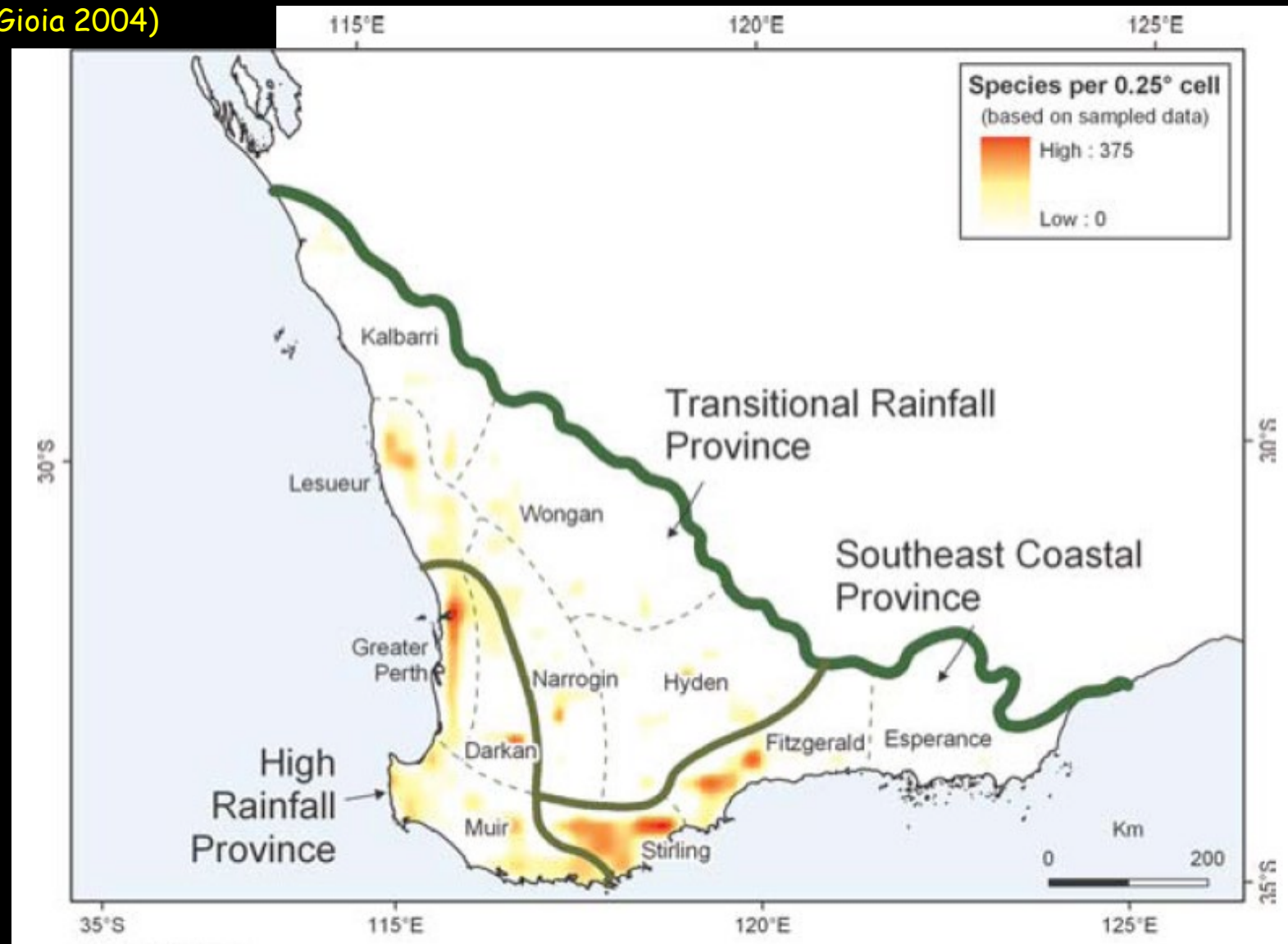
- Avon Wheatbelt (AW)
- Esperance Plains (ESP)
- Geraldton Sandplains (GS)
- Jarrah Forest (JF)
- Mallee (MAL)
- [Swan Coastal Plain \(SWA\)](#)

IUCN Western Australia one world's 34 biodiversity hotspots.



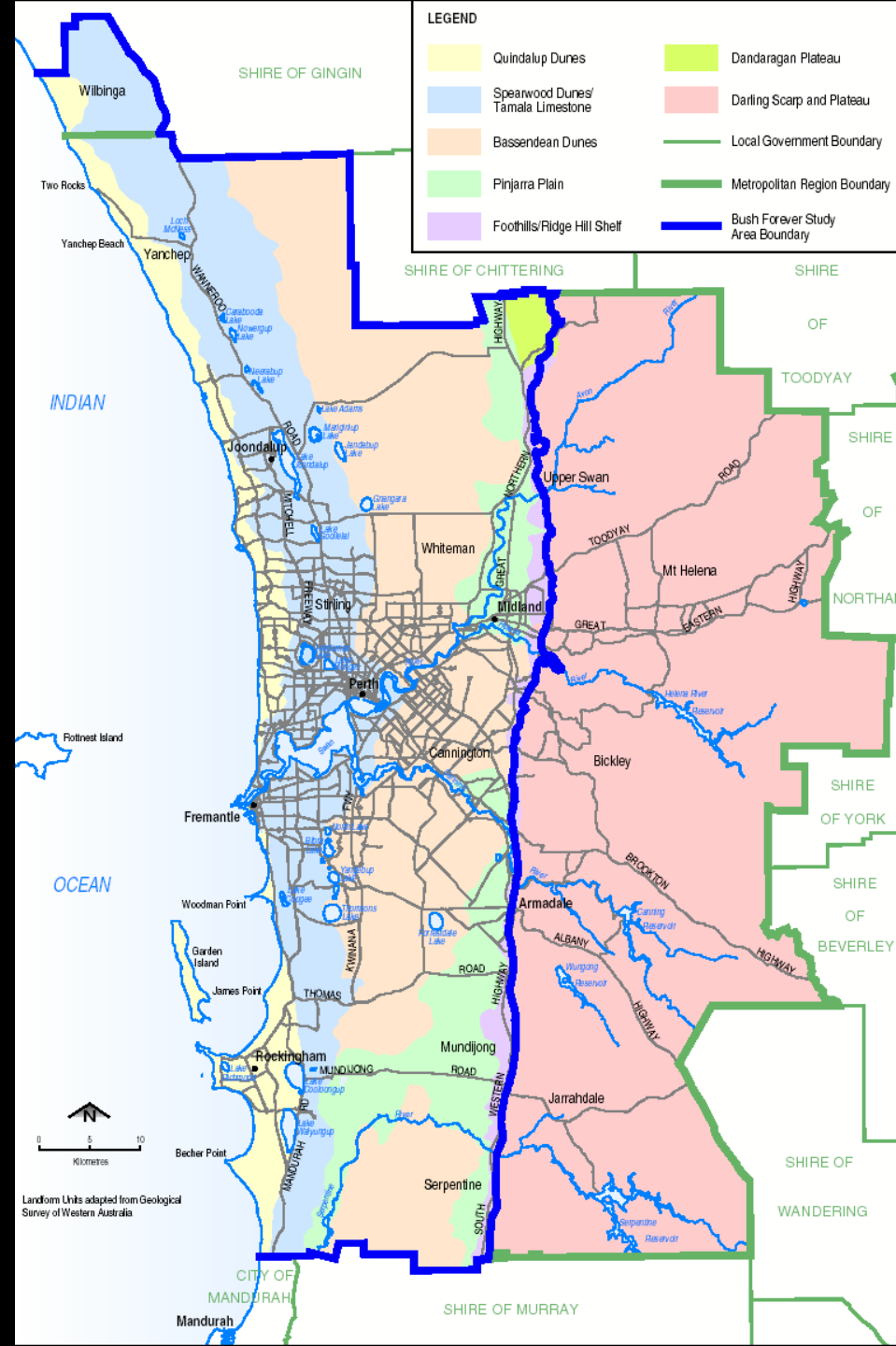
Species Richness

(Hopper & Gioia 2004)



Potential Biodiversity Hotspots

1. Cape Arid
2. Fitzgerald River
3. Waychinicup
4. Stirling Range
5. Walpole/Nornalup
6. Warren Bioregion
7. Scott Coastal Plain
8. Leeuwin-Naturaliste
9. Lake Muir area
10. Southern Swan Coastal Plain
11. Dryandra/Western Wheatbelt
12. Bindoon/Moora
- 13 Dandaragan
- 14 Darling Scarp
- 15 Jarrah Forest bioregion
- 16 Leseuer bioregion
- 17 Geraldton-Kalbarri
- 18 Northern Ironstone Ranges
- 19 Southern Ironstone Ranges
- 20 Southern Carnarvon bioregion
- 21 Cape Range
- 22 Pilbara
- 23 North Kimberley
- 24 Central Ranges

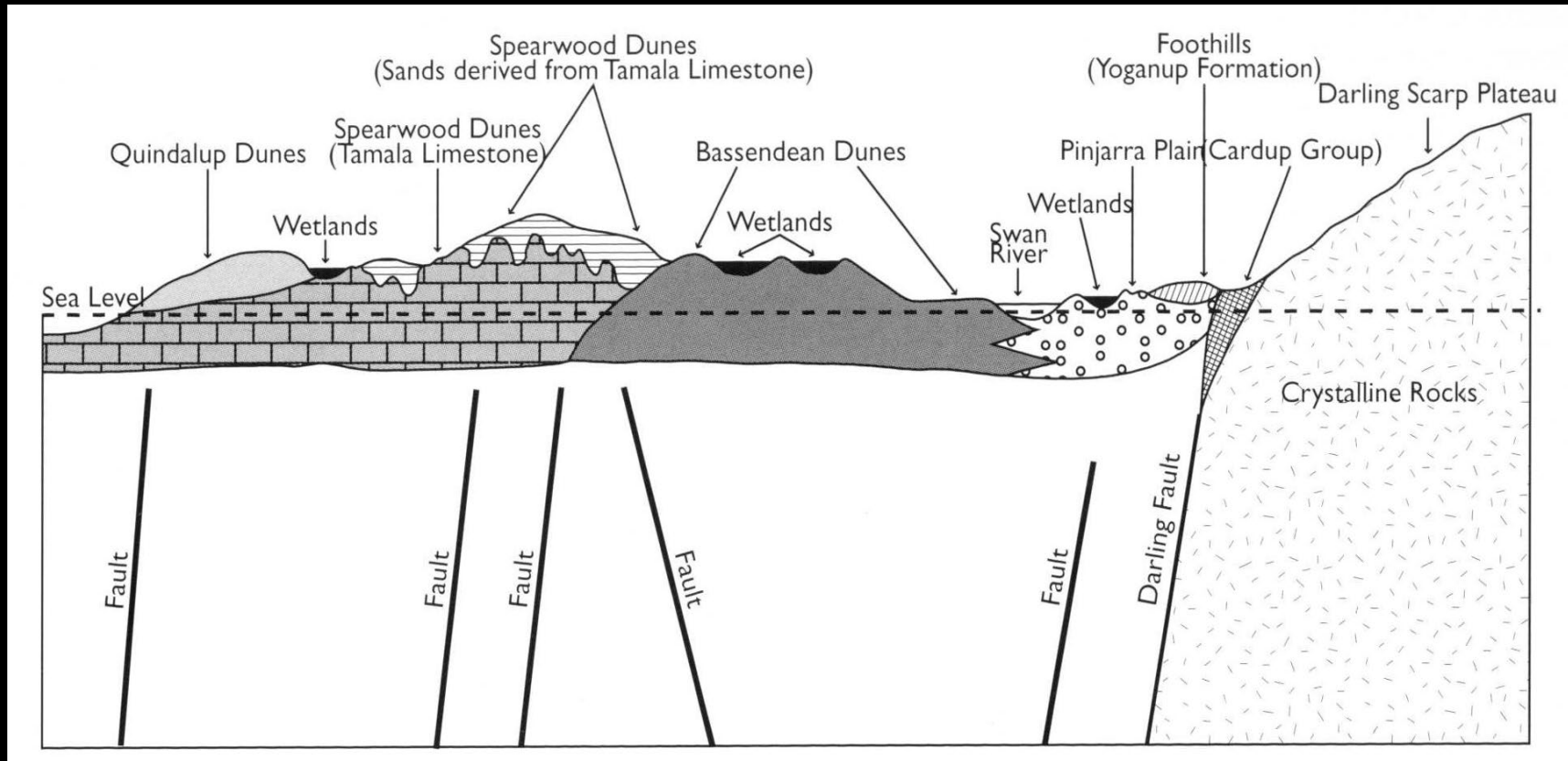


Number of native plants in Perth Metro Area

On coastal plain only	713	
		Total number on coastal plain = 1556
On coastal plain and in Darling Range	843	
		Total number in Darling Range = 1125
In Darling Range only	282	
Total	1838	

The 1,838 taxa comprise 1,620 listed as species, plus 198 subspecies (of 153 species) and 20 varieties (of 9 species).

Greater Brixton Street area: 652 taxa



Adapted with permission from Fact Sheet 15. The Geology of Perth. Department of Mineral Sands and Energy, WA.

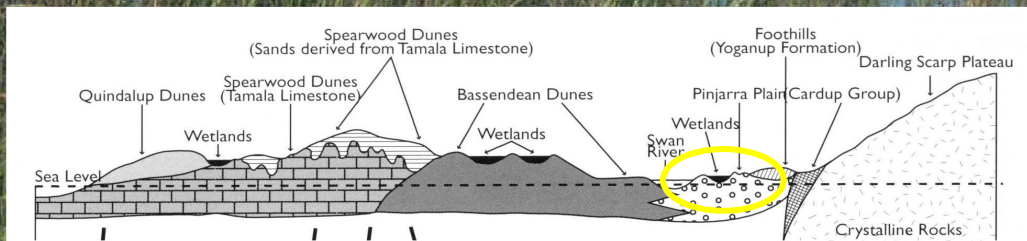


Pinjarra Plain

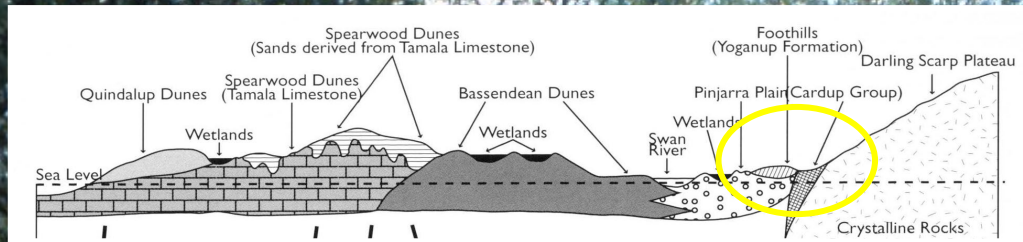


Pinjarra Plain

Pinjarra Plain



Foothills



TEC: 20c Eastern shrublands and woodlands

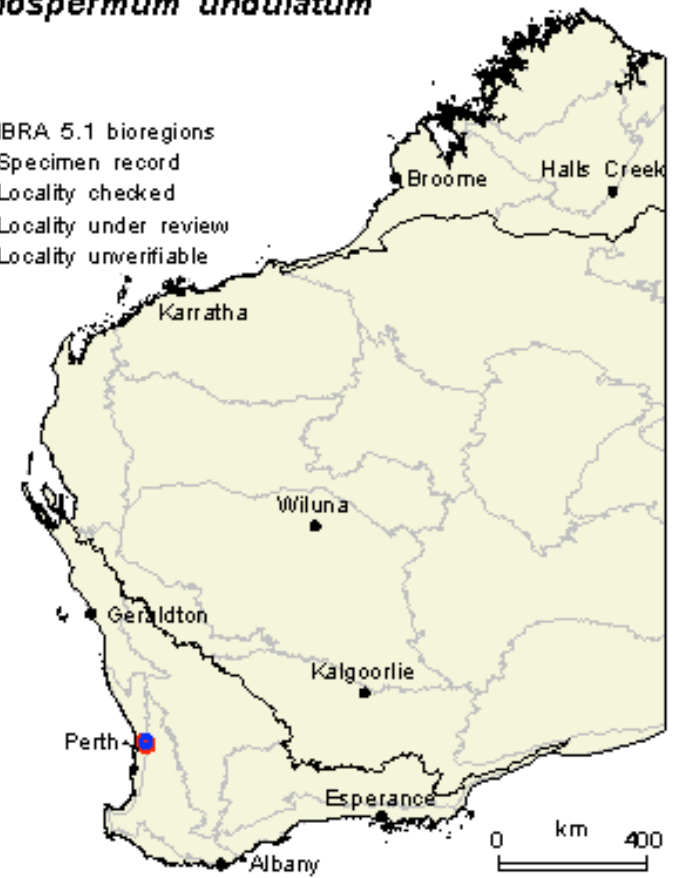


R

Conospermum undulatum

- IBRA 5.1 bioregions
- Specimen record
- Locality checked
- Locality under review
- Locality unverifiable

grey,



Map by Paul Gioia, WA Herbarium. Current at August 31, 2006

R

Conospermum undulatum Lindl.
Sketch Veg.Swan Riv.Col. 31 (1839)

A photograph of a field with white and yellow flowering plants against a green background. The white flowers are in the foreground, and the yellow flowers are in the background. The plants are tall and thin, with many small flowers. The background is a dense green forest.

Conospermum undulatum

- Declared Rare Flora
- eastern sand endemic to the PMR



Conospermum
?undulatum X *triplinervium*



Molluginaceae

Macarthuria



Macarthuria keigheryi Lepschi

Nuytsia 11:48-51, Fig.4E-H (1996)

IBRA 5.1 bioregions

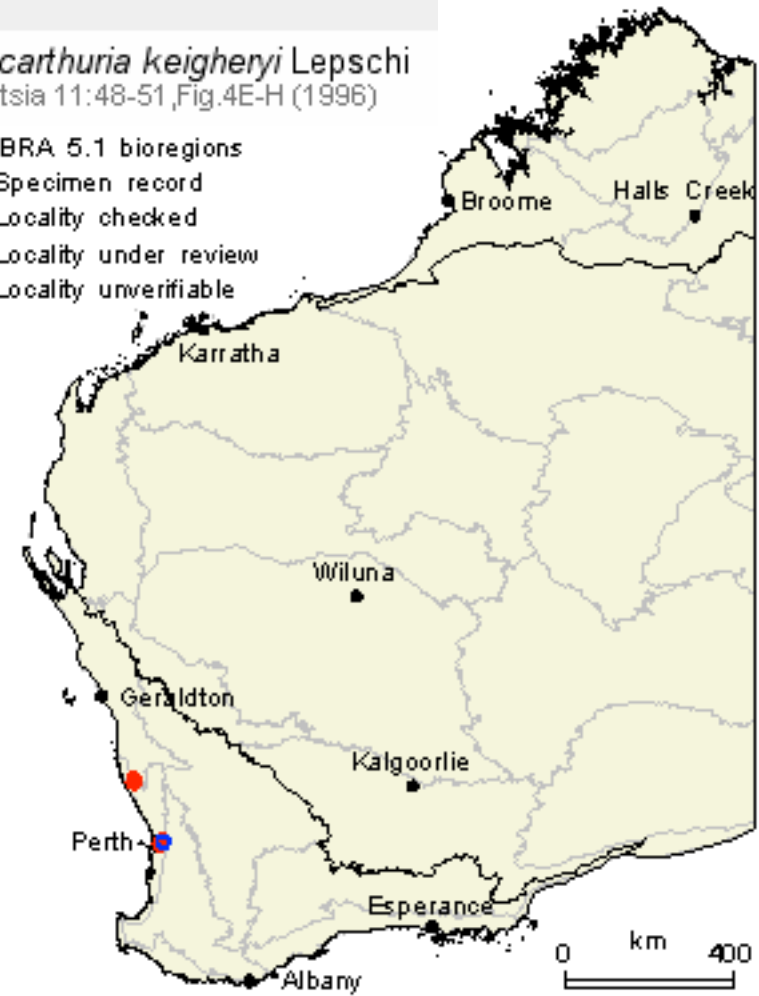
Specimen record

Locality checked

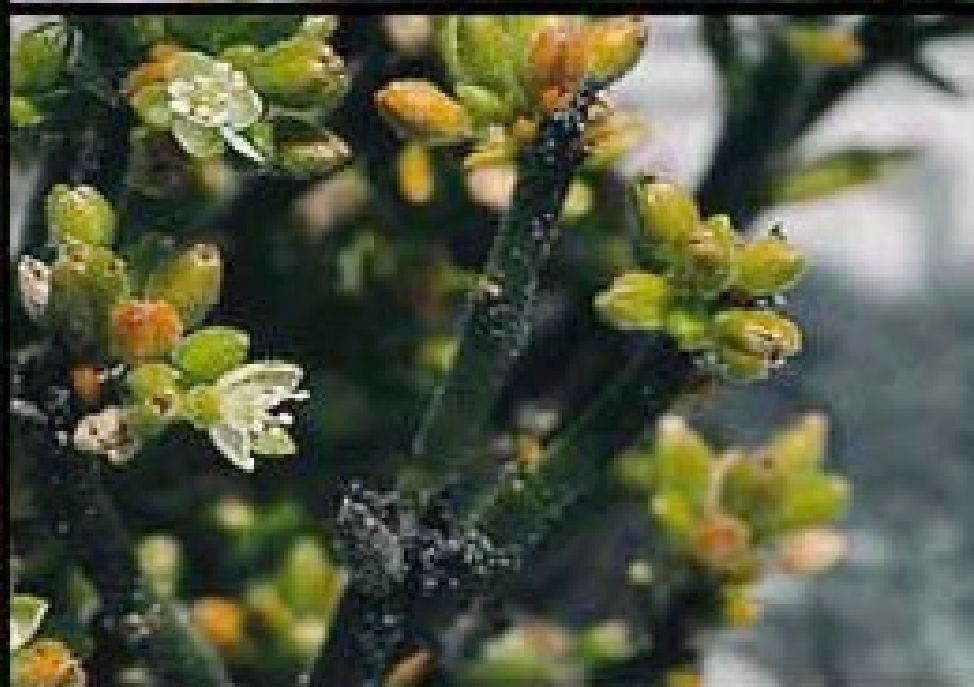
Locality under review

Locality unverifiable

0.4 m
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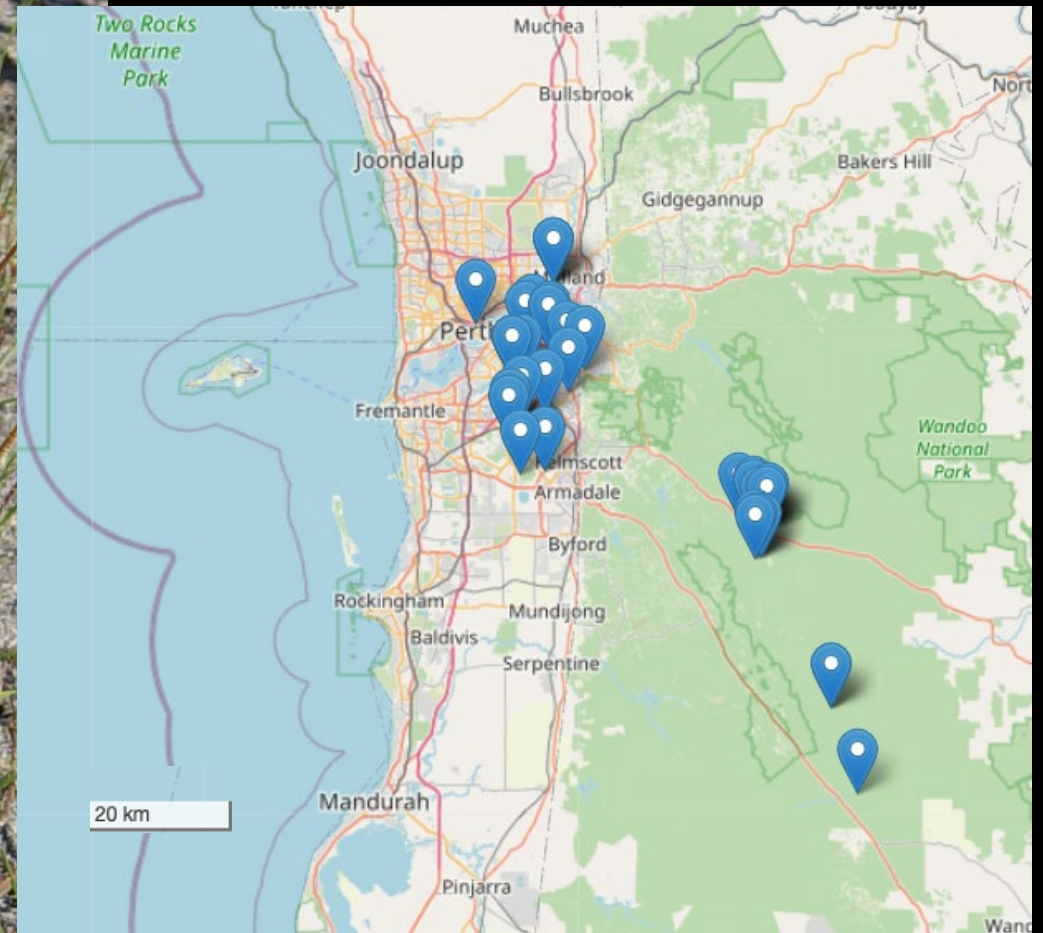
Map by Paul Gioia, WA Herbarium. Current at August 31, 2006



Macarthuria keigheryi

Photos: G.J. Keigher

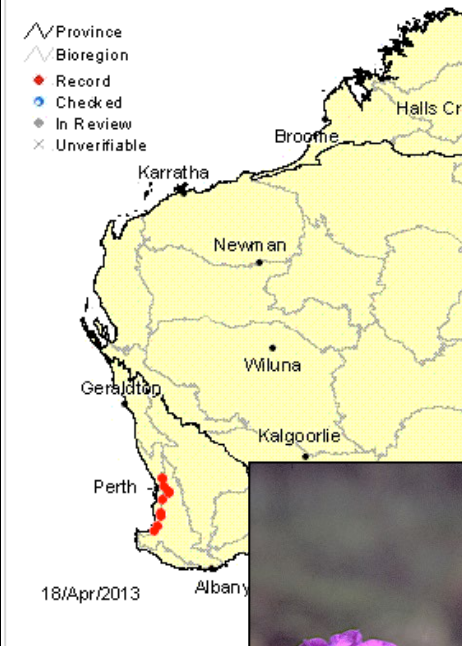




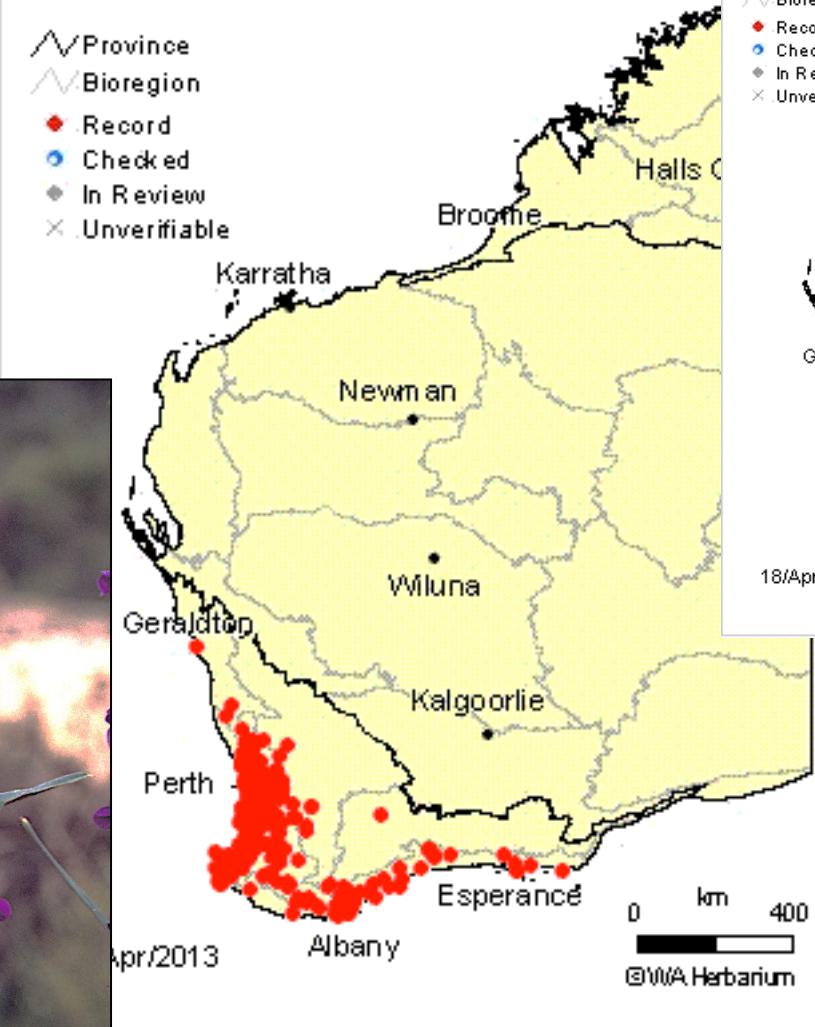
DBCA WA Florabase 26/11/23

Byblis gigantea

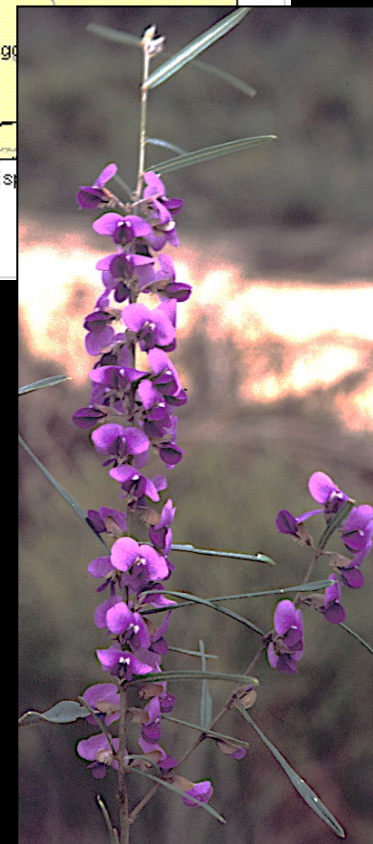
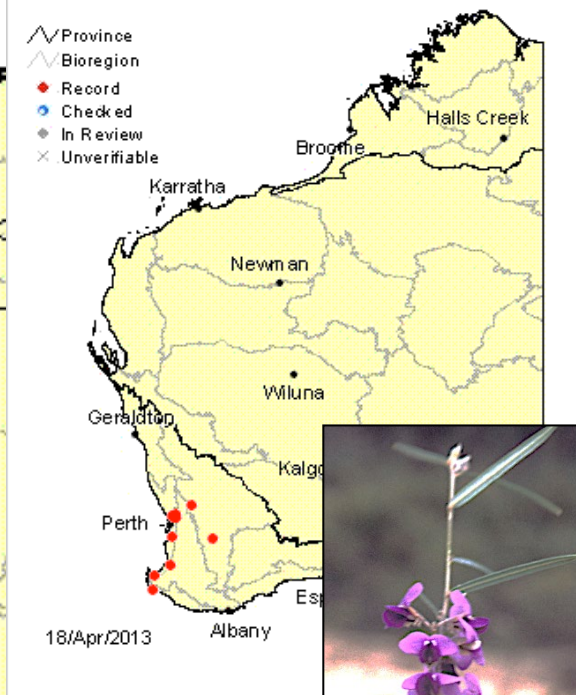
Hovea trisperma var. *grandiflora*



Hovea trisperma

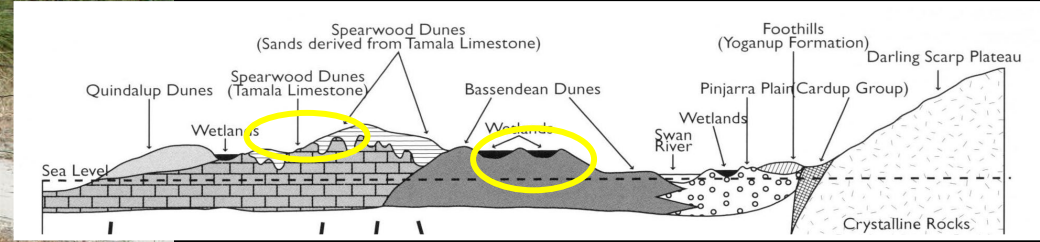


Hovea trisperma var. *trisperma*



How many groups?

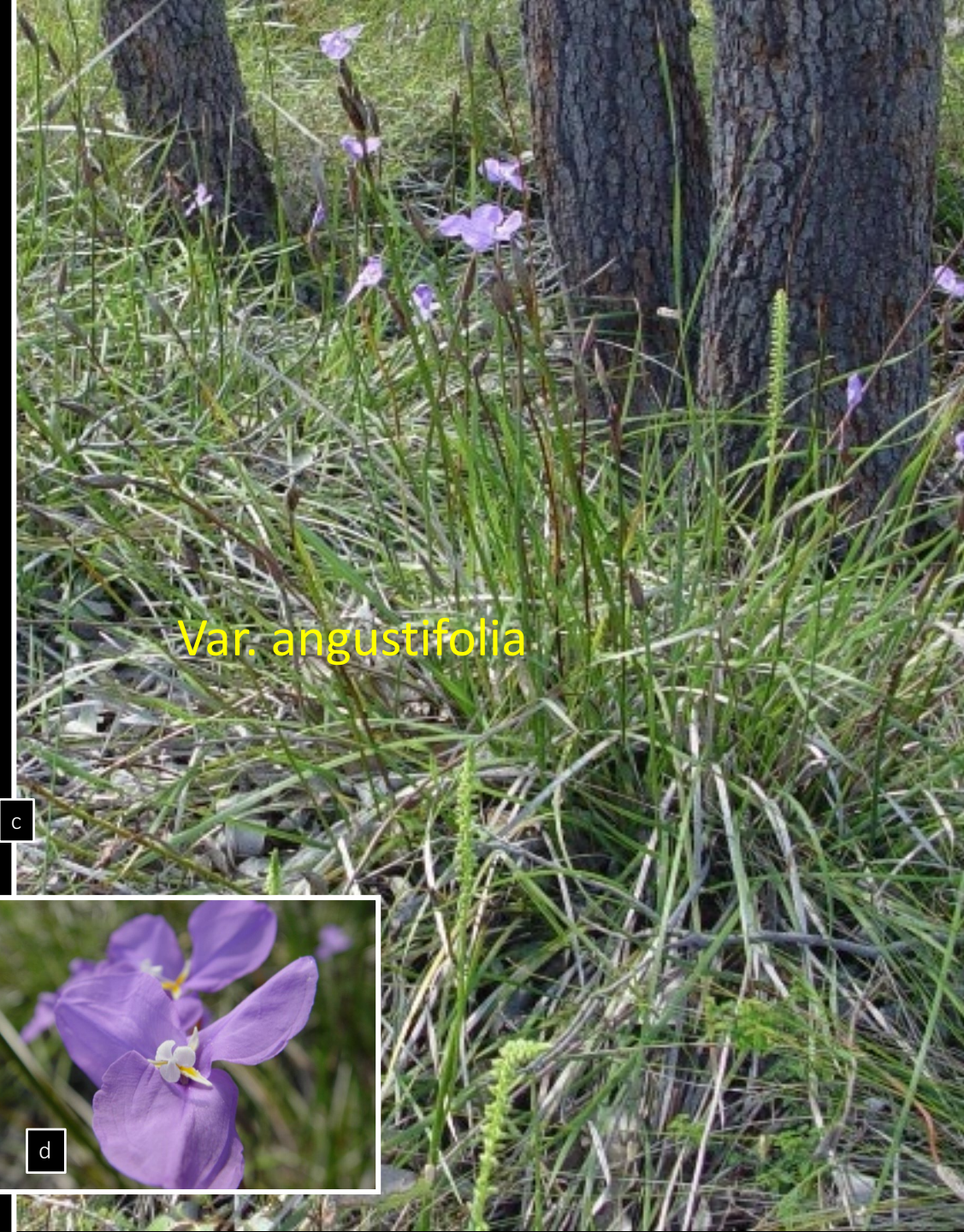
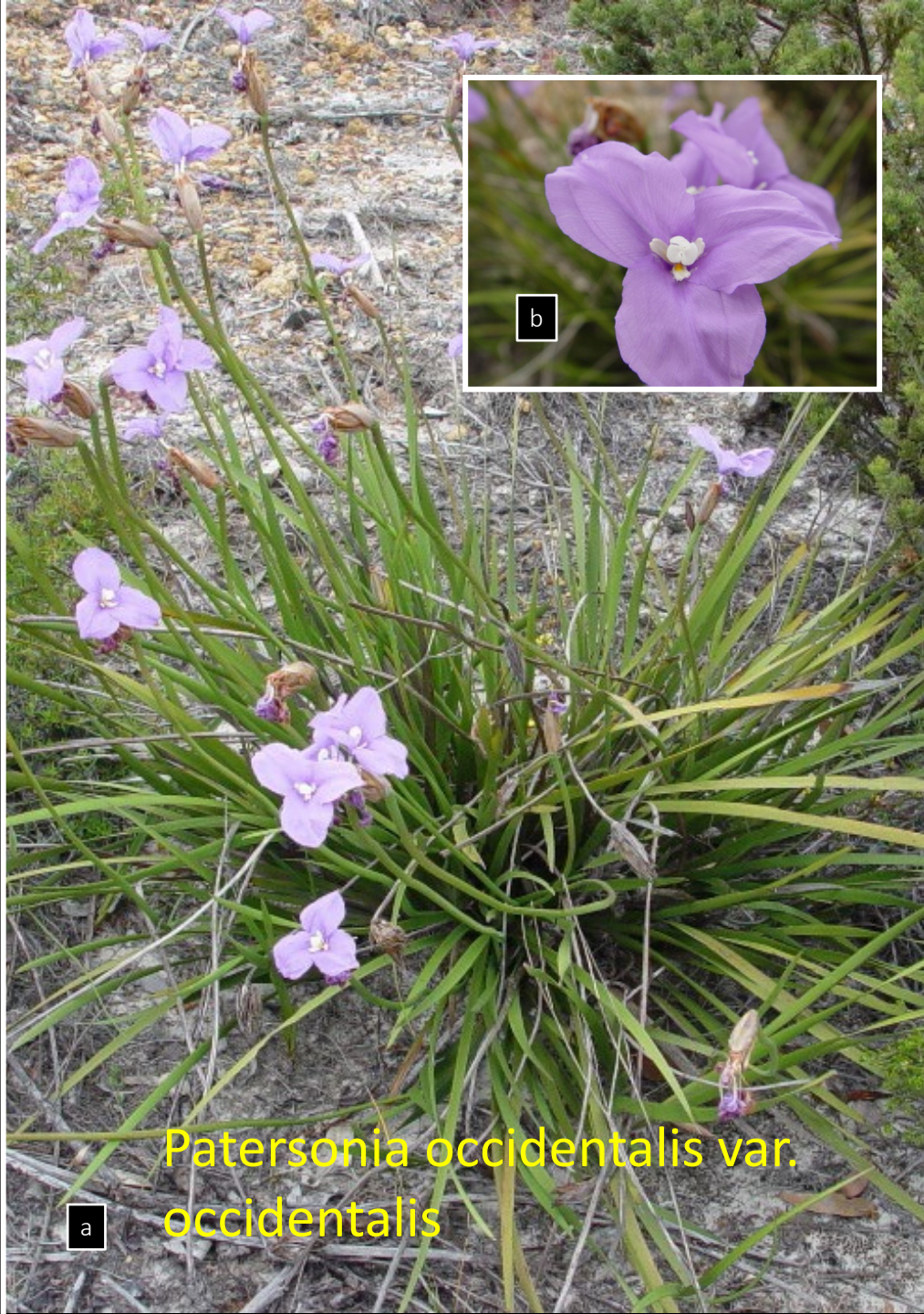
Maps from DEC FloraBase site.

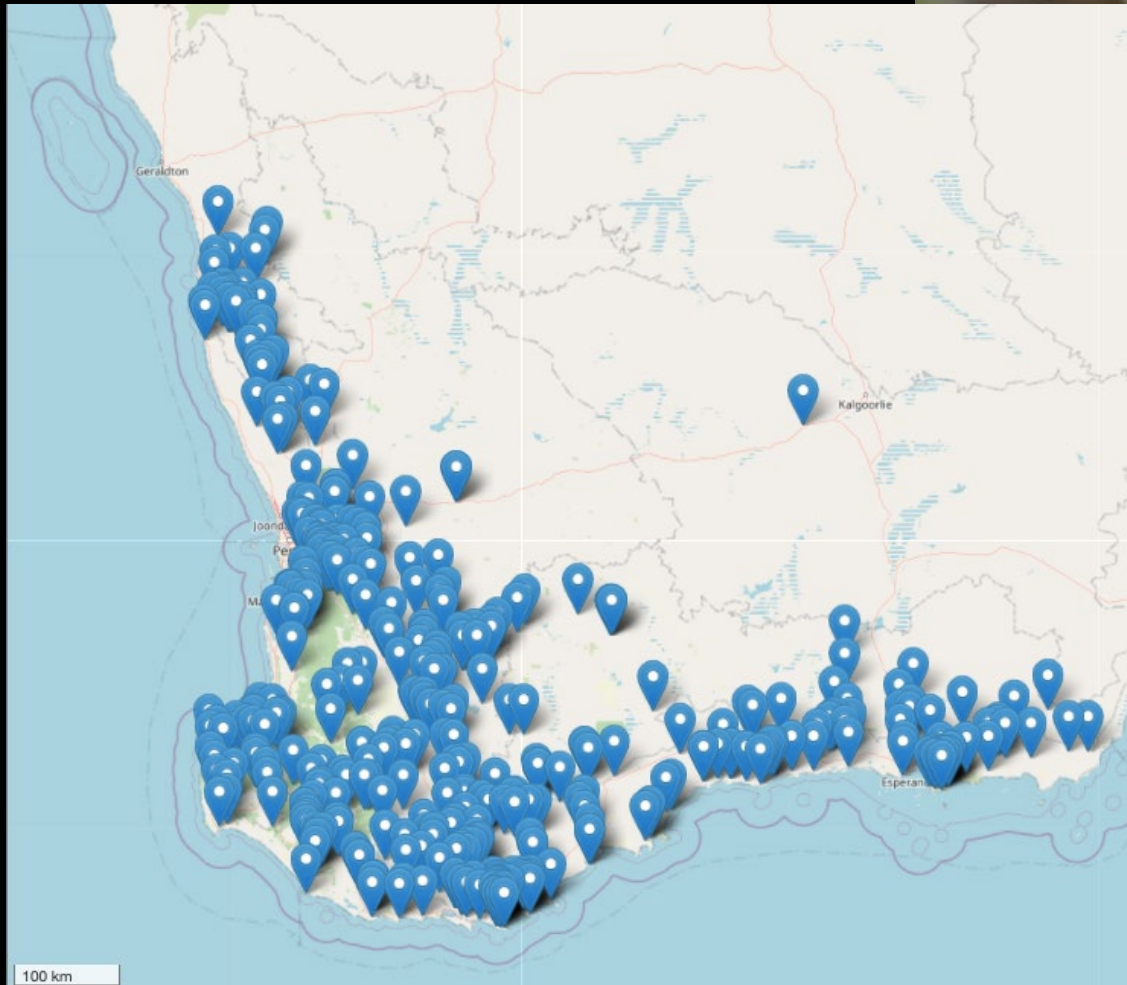


Jacksonia sericea
Spearwood Dunes,
deep sands over
limestone



Jacksonia gracillima
Bassendean Dunes,
wet peaty sands



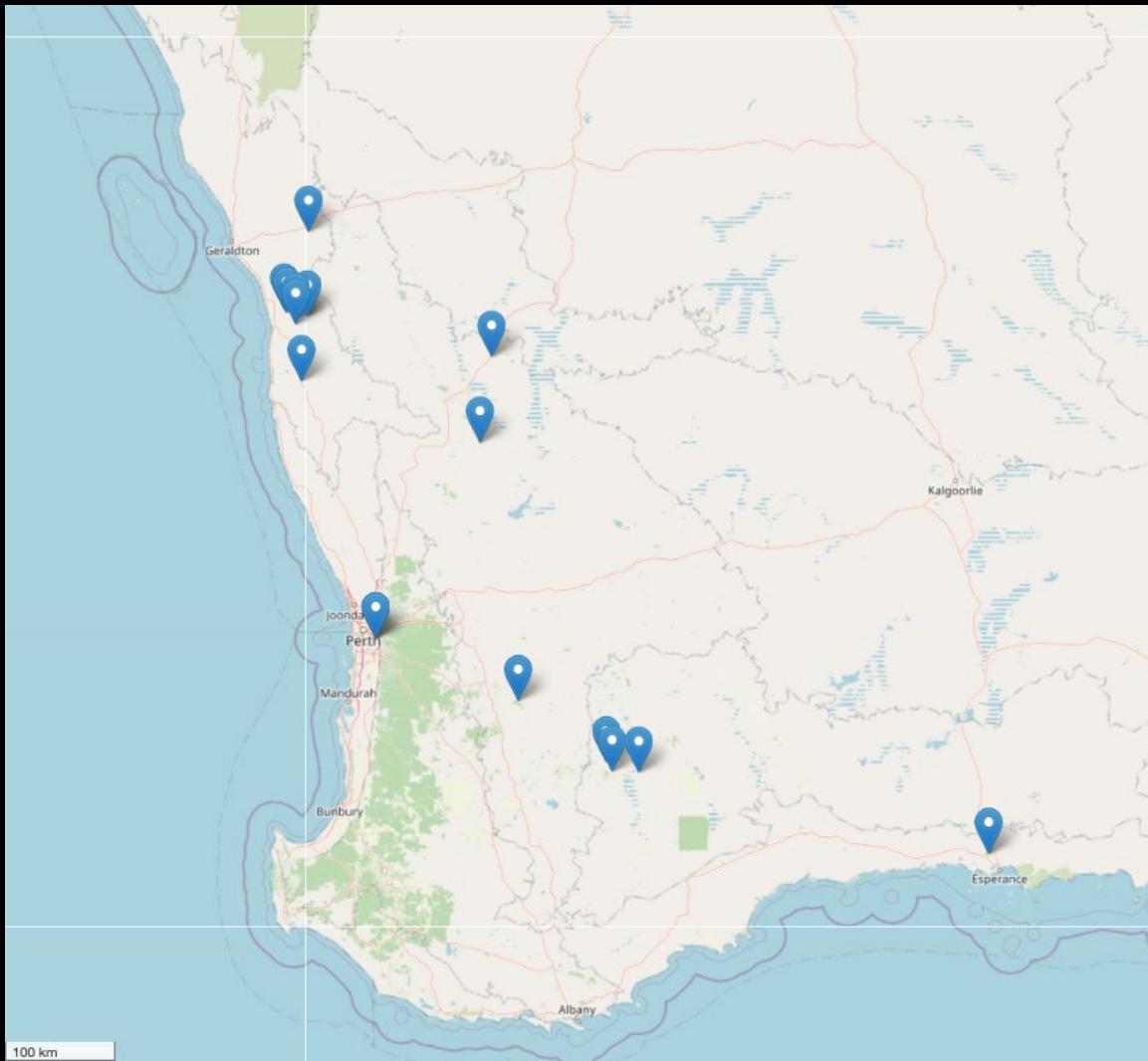


DBCA WA Florabase 26/11/23

Goodenia trinervis



Acacia pulchella complex



DBCA WA Florabase 26/11/23

Comesperma griffinii complex