

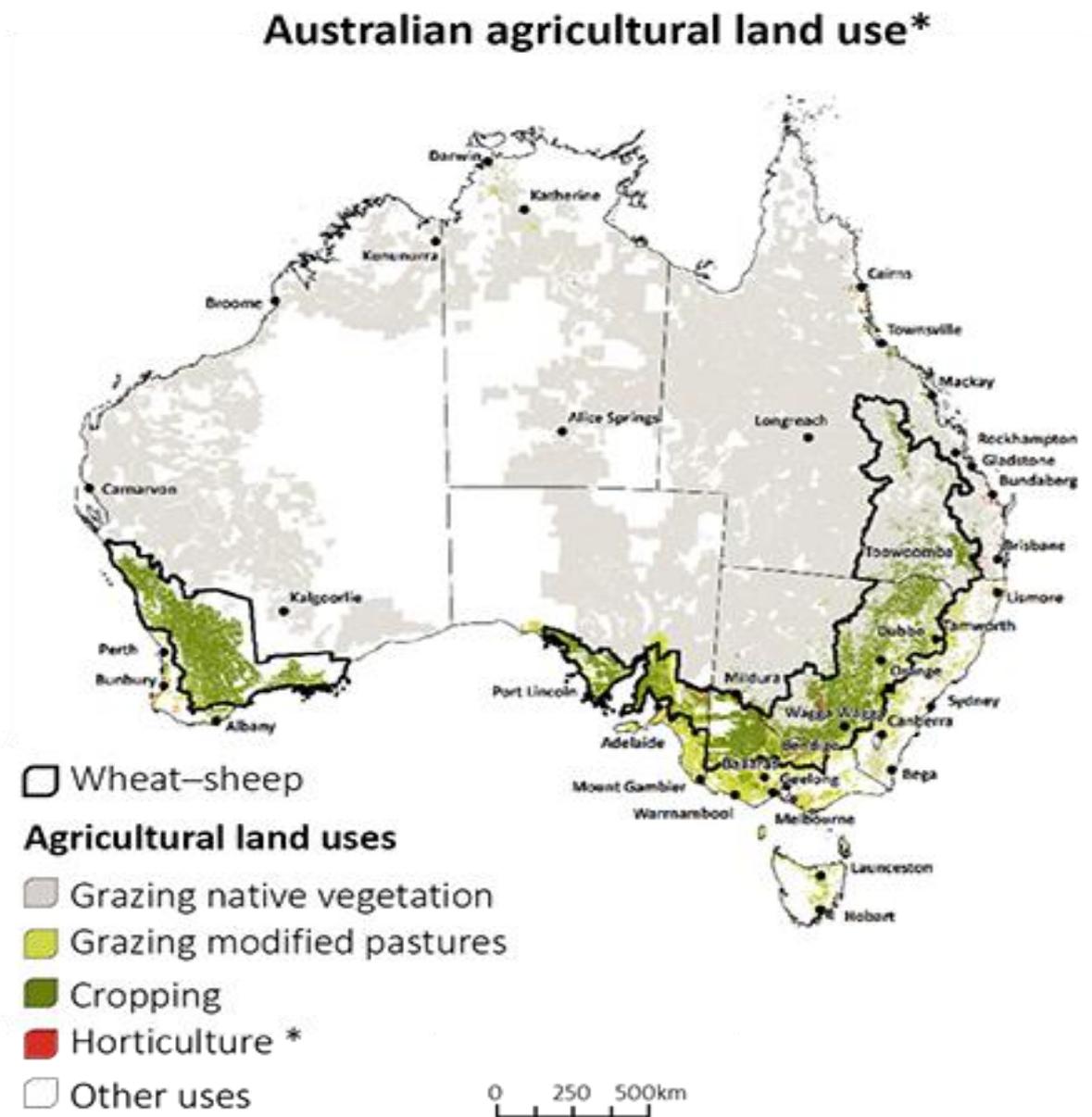
Slide 1: Australia's arable land

| Australia | Arable land, percent of total land area |
|---------------------|-----------------------------------------|
| Latest value | 4.1% |
| Year | 2022 |
| Measure | percent |
| Data availability | 1961 - 2022 |
| Average | 2.8 |
| Min - Max | 1.8 - 4.2 |
| Source | The World Bank |

The latest value from 2022 is 4.1 percent, unchanged from 4.1 percent in 2021. In comparison, the world average is 14.5 percent, based on data from 189 countries. ... the maximum of 4.2 percent was recorded in 2014 ((https://www.theglobaleconomy.com/Australia/arable_land_percent/)

Slide 2: Map of Australia's arable land

Figure 2 Australian agricultural production zones



Note: *Exaggerated to improve visibility

** Horticulture not represented as it is less than 1 million hectares of agricultural land use

Source: Wheat-sheep zone – Australian Agricultural and Grazing Industries Survey, 2016, ABARES; Catchment scale land use of Australia – update December 2023, ABARES; ABS Agricultural Commodities, Australia, 2020–21 (cat 7121)

Brown, A, De Costa, C & Guo, F 2020, Our food future: trends and opportunities, ABARES, Research Report 20.1, Canberra, January, DOI: 10.25814/5d9165cf4241d. CC BY 4.0.

(<https://www.agriculture.gov.au/abares/products/insights/snapshot-of-australian-agriculture#declining-farm-numbers-but-increased-specialisation>)

Slide 3. The Paris Agreement (extract)

Article 2

1. This Agreement, in enhancing the implementation of the Convention, including its objective, aims to strengthen the global response to the threat of climate change, in the context of sustainable development and efforts to eradicate poverty, including by:

a. Holding the increase in the global average temperature to well below 2 °C above preindustrial levels and pursuing efforts to limit the temperature increase to 1.5 °C above pre-industrial levels, recognizing that this would significantly reduce the risks and impacts of climate change;

b. Increasing the ability to adapt to the adverse impacts of climate change and foster climate resilience and low greenhouse gas emissions development, in a manner that does not threaten food production;

Slide 4: Our local biodiversity

- Over 70 species identified on my 6 hectare property over last 5 years
- Over 25 bird species identified by the NSW Bird Atlases' Gulgong field study 2024
- 11 bat species identified in two bat studies on my property 2024 and 2025

Slide 5: Examples of local wildlife



Endangered Wedge-tail Eagles inhabit the Gulgong area



Wedge-tail Eagles nest on existing transmission tower on Tallawang site

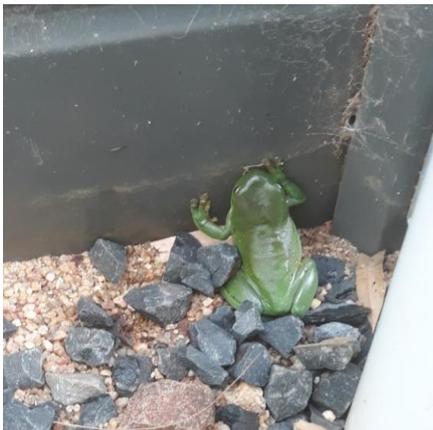
The presence of Frogs, a sign of a healthy environment



Peron's Tree Frogs



Verreaux's (or Whistling) tree frog



A green tree frog climbing a water tank Short-footed or Superb Collared burrowing frog



As are tortoises

Gulgong Bat Study 2023-24

Table 1: Insectivorous bat species recorded during your survey

Key to Table: **C** – Definite record, Pr - Probable Record, Po - Possible record

| Scientific name | Common name | BC Act | EPBC Act | Presence |
|-------------------------------------------------------|-------------------------------------------------------|------------|----------|----------|
| <i>Austronomus australis</i> | White-striped Free-tailed Bat | | | C |
| <i>Chalinolobus gouldii</i> | Gould's Wattled Bat | | | C |
| <i>Chalinolobus morio</i> | Chocolate Wattled Bat | | | C |
| <i>Miniopterus orianae</i> | Large Bent-winged Bat | Vulnerable | | C |
| <i>Nyctophilus sp.</i> | Long-eared Bat species | | | C |
| <i>Ozimops petersi</i> | Inland Free-tailed Bat | | | C |
| <i>Ozimops planiceps</i> | Southern Free-tailed Bat | | | C |
| <i>Saccolaimus flaviventris</i> | Yellow-bellied Sheath-tailed Bat | Vulnerable | | C |
| <i>Scotorepens balstoni</i> | Inland Broad-nosed Bat | | | C |
| <i>Scotorepens greyii</i> / <i>Scotorepens sp.</i> | Little Broad-nosed Bat / Parnaby's Broad-nosed Bat | | | C |
| <i>Vespadelus vulturinus</i> | Little Forest Bat | | | C |

This



or this

