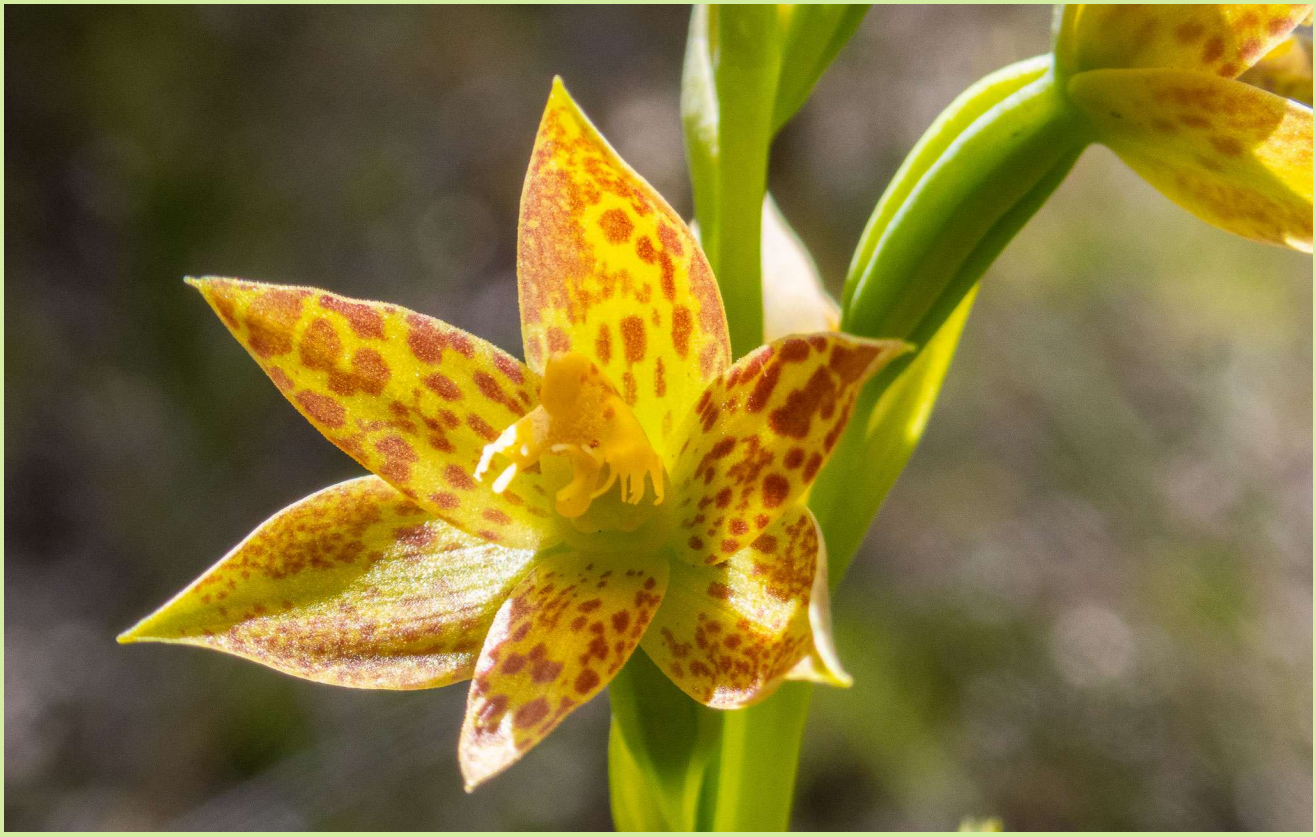

Local Biodiversity Strategy 2024

Shire of West Arthur

Contents

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In addition, we acknowledge the Noongar people as the Traditional Custodians of this land. Their cultural heritage, knowledge, and stewardship over thousands of years continue to play a vital role in shaping the biodiversity of the region. This strategy reflects a commitment to working collaboratively with the Noongar community to preserve and enhance the natural and cultural landscapes of the Shire.

Executive Summary

Biodiversity is the foundation of a healthy and resilient environment. It sustains the ecosystems that provide essential services to our community, including clean air and water, fertile soils for agriculture, and natural spaces for recreation and well-being. In recognition of the growing pressures on our natural landscapes, from climate change to land development and invasive species, the Shire has developed this comprehensive Biodiversity Strategy to guide our efforts in conserving and enhancing biodiversity across the region.

This strategy also seeks to inspire community-wide stewardship, encouraging collaboration between local government, landholders, community organisations, and traditional custodians. With clear goals, objectives, and actions, the strategy emphasises the importance of integrating biodiversity considerations into land use planning, promoting sustainable practices, and enhancing ecosystem resilience.

Key goals include protecting critical habitats, increasing community engagement, and addressing challenges such as habitat fragmentation and climate change. By building partnerships and leveraging available resources, the strategy aims to secure a vibrant and biodiverse environment that supports both ecological and social well-being.

Purpose

The purpose of the Biodiversity Strategy for the Shire of West Arthur is to establish a comprehensive framework for the protection, enhancement, and sustainable management of local biodiversity. This strategy seeks to educate and engage the community about the significance of biodiversity, fostering a sense of ownership and stewardship over the region's unique ecosystems.

By aligning biodiversity conservation with regional economic and cultural priorities, the strategy underscores the importance of sustainable land management, heritage preservation, and community health. It serves as a guiding document to prioritise natural area protection, encourage innovative land management practices, and create opportunities for partnerships that deliver long-term benefits for the environment and the community.

Vision

To cultivate an engaged and educated community that recognises and values the importance of biodiversity as integral to their health, economy, and environment.

This vision reflects the Shire's commitment to fostering a balanced relationship between natural systems and human activity. It aspires to preserve the unique biodiversity of the region through collaborative efforts, innovative strategies, and a shared responsibility among stakeholders, ensuring a thriving natural environment for generations to come.

Goals and Objectives

- **Goal 1: Retain, Protect, and Enhance Natural Areas**
  - Objectives: Safeguard and restore the Shire's natural areas, limit further loss or degradation of biodiversity within our shire, conserve threatened species and communities, reduce invasive species impact, value and protect important habitat corridors.
- **Goal 2: Increase Community Awareness and Involvement**
  - Objectives: Engage with the community to raise awareness around local biodiversity and participation in local conservation projects and citizen science initiatives.
- **Goal 3: Adapt to Climate Challenges**
  - Objectives: Increase resilience of ecosystems, waterways, and agricultural land, support and promote sustainable land management practices.

Context

The Shire of West Arthur, located in Western Australia's Central South region, covers an area of 2,850 square kilometres and includes the townsites of Darkan, Duranillin, Bowelling and Arthur River. Darkan, the administrative centre, is a quiet country town with a population of approximately 250 residents, situated within a prosperous mixed farming area. The local economy is driven by industries such as wool, sheep, timber, grain, forestry, and beef, with around 82% of privately owned land devoted to agricultural practices.

The Shire's rich history is deeply rooted in its natural environment. The Noongar people were the area's original inhabitants, living sustainably off the land for thousands of years, utilising its resources for food, shelter, and social interactions. The arrival of British explorers in the 1830s marked a significant turning point in the Shire's development, as settlers sought fertile land for agriculture. The establishment of the railway line from Narrogin to Collie in 1908 further accelerated agricultural development, shaping the region's economic landscape.

Today, the Shire is characterised by a unique blend of agricultural and natural landscapes. With 86,907 hectares of remnant vegetation representing 12 distinct vegetation types, it is home to diverse flora and fauna. However, the biodiversity of the Shire faces numerous threats, including habitat loss and fragmentation, invasive species, altered fire regimes, and climate change. The Shire's strategic community plan for 2021- 2031 emphasises the importance of maintaining natural biodiversity and promoting responsible land and water use to preserve the environment for future generations.

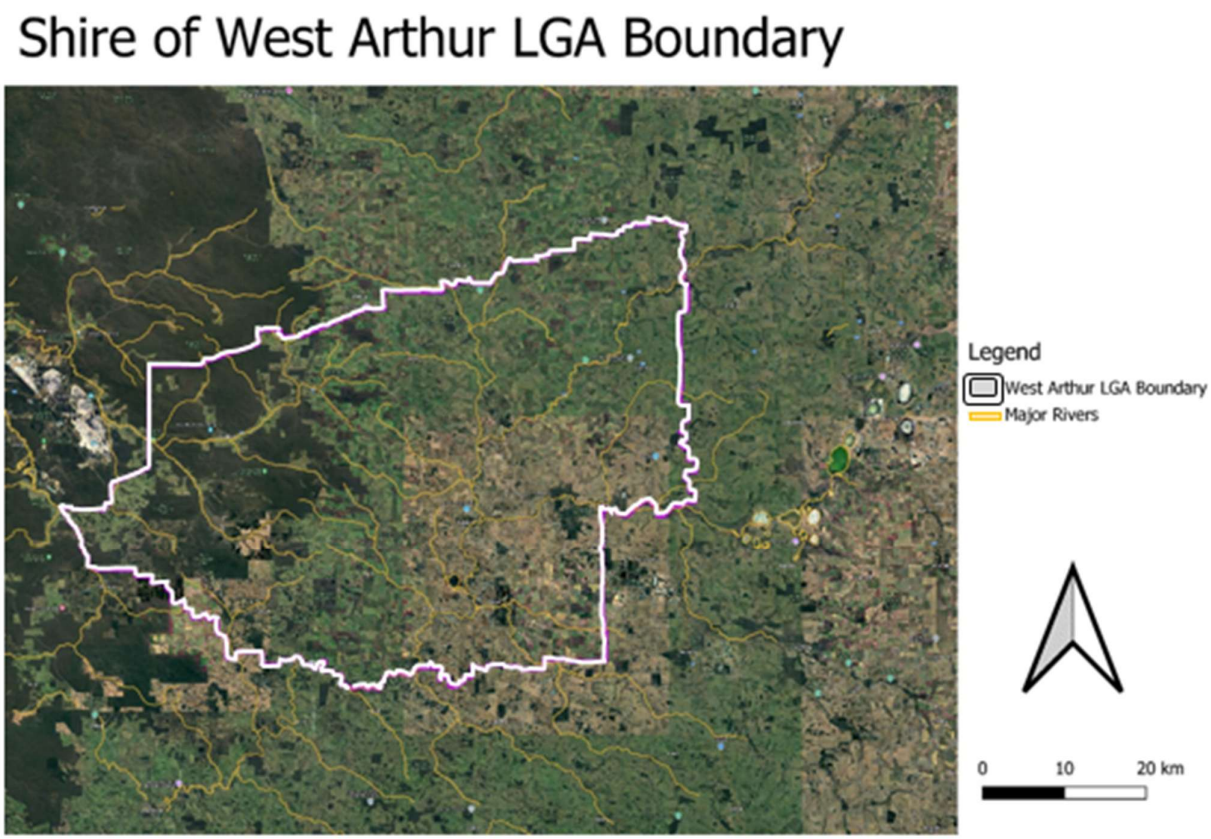


Figure 1: Shire of West Arthur LGA Boundary

Alignment with Shire of West Arthur Strategic Community Plan

The Shire of West Arthur's Strategic Community Plan, *West Arthur Towards 2031* articulates a vision of maintaining natural biodiversity and responsible land and water use to preserve the environment for future generations.

Natural Environment – our natural assets are valued and meet the needs of the community

Outcome 3.1 – Maintain and improve our key natural assets

Our strategies and plans to achieve this include:

- ⇨ Maintain Lake Towerrinning as our premier, iconic natural asset
- ⇨ Maintain and develop our trails for use by locals and visitors (Collie to Darkan Rail trail, Nangip Creek walk trail, Hillman walk trail, Duranillin to Bowelling Rail trail)
- ⇨ Protect our night skies to ensure that they retain their dark sky rating
- ⇨ Protect and improve additional natural assets.

Outcome 3.2 – Our water resources are well defined and used sustainably

Our strategies and plans to achieve this include:

- ⇨ Develop a whole of Shire Water Strategy to better manage our water resources and target development of supplies
- ⇨ Invest in water security and manage existing water resources in a sustainable manner
- ⇨ Encourage development of private water supplies

Outcome 3.3 – Our natural biodiversity is maintained and valued

Our strategies and plans to achieve this include:

- ⇨ Blackwood Biosecurity Group is supported to manage pests in the Shire
- ⇨ Weeds are managed or eliminated particularly in areas of high biodiversity
- ⇨ Protection of our unique flora and fauna
- ⇨ Consideration of biodiversity in all land use applications and developments

Outcome 3.4 – Waste is minimised and environmentally sustainable practices are employed

Our strategies and Plans to achieve this include

- ⇨ Provide an effective waste management service
- ⇨ Promote environmentally sustainable principles

We will know we have succeeded when

- ⇨ Our natural assets continue to be used by locals and visitors
- ⇨ The community is satisfied with the waste management service provided
- ⇨ Our community has a defined water supply heading into the future
- ⇨ Our rates of recycling and sustainable practices improve

Figure 2: Natural environment objectives and strategies from West Arthur Towards 2031

Definitions

Biodiversity	The variety of all life forms on Earth, including plants, animals, fungi, and microorganisms, as well as the ecosystems they form and the genetic diversity within species.
Local Natural Areas (LNAs)	Remnant vegetation or other natural features within the Shire that are not formally protected but provide important ecological, cultural, or community benefits.
Threatened Ecological Communities (TECs)	Ecological communities that are under significant threat of extinction, categorised as Critically Endangered, Endangered, or Vulnerable under State and/or Federal legislation.
Priority Ecological Communities (PECs)	Communities that are considered of conservation concern but are not yet formally listed as Threatened. They are a focus for monitoring and protection efforts.
Habitat Connectivity	The degree to which natural areas are connected, allowing the movement of species, genetic exchange, and the maintenance of ecological processes.
Riparian Zone	The interface between land and a water body (e.g., rivers, creeks, or wetlands). These areas are critical for water quality, erosion control, and biodiversity conservation.
Invasive Species	Non-native plants, animals, or microorganisms that negatively affect ecosystems, habitats, or species, often outcompeting or preying on native organisms.
Resilience	The ability of ecosystems to recover from disturbances or adapt to changing conditions, such as climate change or land use impacts.
Sustainable Land Management	Practices that maintain the productivity and ecological health of land, balancing economic, social, and environmental needs.
Ecosystem Services	The benefits that ecosystems provide to humans, including air and water purification, pollination of crops, climate regulation, and recreational opportunities.
Dieback (*Phytophthora cinnamomi*)	A plant disease caused by a soil-borne pathogen that significantly impacts native vegetation by killing susceptible plant species.
Carbon Sequestration	The process by which trees, plants, and soils absorb and store carbon dioxide from the atmosphere, helping to mitigate climate change.

Legislative and Policy Support

Biodiversity conservation within the Shire of West Arthur is guided by a range of legislative frameworks and policies at the national, state, and local levels. These frameworks provide the legal and strategic basis for managing and protecting the Shire's unique ecosystems and species, ensuring compliance and alignment with broader environmental goals.

National Legislation

1. **Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act)**
   The EPBC Act establishes a framework for the protection of matters of national environmental significance, including listed threatened species, ecological communities, and migratory species. Any development or activity likely to impact these values must undergo environmental assessments and approvals under the EPBC Act. This ensures that actions within the Shire are consistent with Australia's commitments to biodiversity conservation.

State Legislation

1. **Biodiversity Conservation Act 2016 and Biodiversity Conservation Regulations 2018 (WA)**
   The Biodiversity Conservation Act 2016 is a cornerstone of environmental legislation in Western Australia that provides a framework for the conservation and protection of the State's unique biodiversity, with specific provisions that regulate the clearing of native vegetation and establish measures for the protection of threatened species and ecological communities.
2. **Environmental Protection Act 1986 (WA)**
   The Environmental Protection Act aims to prevent, control, and abate environmental harm, including managing pollution and protecting native vegetation. It plays a significant role in regulating land use changes and ensuring that biodiversity considerations are embedded in planning decisions.
3. **Planning and Development Act 2005 (WA)**
   This Act governs land-use planning in Western Australia, requiring local governments to integrate biodiversity objectives into planning schemes, strategies, and approvals. It supports sustainable development that considers environmental impacts alongside economic and social factors.

Local Government Policies and Strategies

1. **Shire of West Arthur Strategic Community Plan - *West Arthur Towards 2031***
   The Strategic Community Plan emphasises responsible land and water use, the elimination of invasive species, and the protection of native flora and fauna. The Local Biodiversity Strategy aligns with this plan to achieve shared community and environmental goals.
2. **Local Planning Strategy**
   Biodiversity objectives are incorporated into the Shire's Local Planning Strategy to guide future land use and development. This ensures that high-value natural areas and ecological corridors are protected during planning and development processes.

The Local Biodiversity Strategy complements existing statutory and non-statutory policies, serving as a tool to bridge legislative requirements with practical, on-ground actions. By aligning with these frameworks, the strategy ensures that biodiversity conservation is seamlessly integrated into local governance, community planning, and environmental management efforts.

Importance and Benefits of Biodiversity

Biodiversity encompasses the vast array of life on Earth, including different plants, animals, micro-organisms, the genes they carry, and the ecosystems they form. In the Shire of West Arthur, safeguarding biodiversity is critical to ensuring the health and vitality of both our natural environment and our local communities. The preservation of our region's unique biological diversity ensures that essential natural processes are maintained, contributing to a balanced and resilient ecosystem.

Protecting biodiversity in the Shire of West Arthur delivers numerous benefits, such as:

- **Water and Air Quality**: Native vegetation plays a crucial role in maintaining the quality of our groundwater and air, filtering pollutants, and supporting healthy soils.
- **Climate Moderation and Resilience**: Diverse ecosystems help to regulate local climates, stabilise the environment, and sequester carbon, which in turn enhances resilience to climate change and extreme weather events.
- **Pest Control and Pollination**: A variety of species supports natural pest control, pollination, and crop production, which are fundamental to sustainable agriculture in the region.

- **Cultural and Spiritual Value**: Biodiversity forms a key part of the cultural identity of local communities. For Aboriginal people, the traditional custodians of the land, maintaining biodiversity is integral to preserving a deep connection with the natural world.
- **Health and Wellbeing**: Access to diverse green spaces provides not only aesthetic beauty but also contributes to mental and physical health by encouraging outdoor activity, reducing stress, and fostering a sense of place and community.
- **Economic Opportunities**: Biodiversity conservation supports industries such as tourism and agriculture. The natural beauty of the region attracts visitors, while well-managed ecosystems sustain agricultural productivity and create jobs related to land management, restoration, and ecotourism.
- **Research and Education**: Preserving local biodiversity offers future generations opportunities for scientific research and environmental education, helping us understand how ecosystems function and how to live more sustainably.

By conserving biodiversity, we maintain the natural systems that support life and create a more sustainable, prosperous, and healthy future for the Shire of West Arthur. This commitment to biodiversity helps to secure long-term ecological services that communities rely on, such as clean air and water, fertile soils, and stable climates. Furthermore, the protection and restoration of local ecosystems ensure that future enterprises can thrive, and the quality of life in the region is preserved for generations to come.

Significant Biodiversity Features in the Shire of West Arthur

Flora

The Shire of West Arthur is situated in Western Australia's **Southwest Botanical Province**, a region renowned for its rich biodiversity and unique vegetation communities. Covering an area of approximately 2,850 square kilometres, the Shire features a mosaic of natural ecosystems, ranging from woodland forests and riparian zones to granite outcrops and heathlands. Despite significant land clearing for agricultural development, the Shire retains **86,907 hectares of remnant vegetation**, representing six distinct vegetation types.

According to the mapping by **JS Beard** and subsequent updates, the Shire's vegetation types include the following:

1. **Medium Woodlands**:
    - Dominated by **Wandoo (*Eucalyptus wandoo*)**, **York Gum (*Eucalyptus loxophleba*)**, and **Salmon Gum (*Eucalyptus salmonophloia*)**.
    - Found primarily on clay-loam soils in lower slopes and valleys. These woodlands play a vital role in supporting biodiversity and providing habitat for a variety of native fauna.
2. **Jarrah-Marri Forests**:
    - **Jarrah (*Eucalyptus marginata*)** and **Marri (*Corymbia calophylla*)** forests occur on uplands and lateritic soils.
    - These forests are important for their ecological and hydrological functions, including carbon storage and water regulation.

3. **Sheoak and Acacia Woodlands**:
    - **Rock Sheoak (*Allocasuarina huegeliana*)** woodlands are common on rocky outcrops and areas with shallow soils.
    - Shrubs like **Acacia acuminata** (Jam) are often interspersed, contributing to the understorey diversity.
4. **Riparian and Wetland Vegetation**:
    - Along rivers and wetlands, vegetation includes **Swamp Paperbark (*Melaleuca rhaphiophylla*)**, **Flooded Gum (*Eucalyptus rudis*)**, and native sedges like *Juncus* and *Lepidosperma* species.
    - These areas are critical for water quality, habitat connectivity, and supporting aquatic ecosystems.
5. **Granite Outcrop Flora**:
    - Specialised flora adapted to shallow soils and harsh conditions include **Grass Trees (*Xanthorrhoea*)**, mosses, lichens, and small ephemeral herbs.
6. **Heathlands and Shrublands**:
    - Predominantly found on sandy and gravelly soils, featuring species from the Proteaceae (e.g., *Banksia* spp.) and Myrtaceae families.
    - These vegetation types are fire-adapted and known for their stunning wildflower displays during spring.

The remnant vegetation in the Shire plays a crucial role in maintaining biodiversity, ecological processes, and cultural values. Six of the twelve vegetation types mapped within the Shire are now below the **30% threshold** identified as critical for ecological sustainability, highlighting the urgency for conservation efforts. While intact patches of vegetation act as biodiversity refuges for native flora and fauna, other benefits of retaining native vegetation include:

- Carbon sequestration and climate regulation
- Soil stabilisation and erosion prevention
- Pollination and natural pest control

Fauna

The Shire is home to a diverse array of fauna, reflecting its location within the Southwest Botanical Province, a globally recognised biodiversity hotspot. The region's variety of habitats, including woodlands, riparian zones, wetlands, granite outcrops, and remnant bushlands, support a rich tapestry of wildlife, many of which are endemic to south Western Australia.

The Shire supports populations of mammals, birds, reptiles, amphibians, and invertebrates, many of which are of conservation significance. Some key species include:

1. **Mammals:**
    - **Chuditch (Dasyurus geoffroii):** Also known as the Western Marsupial Devil, this endangered carnivorous marsupial is found in woodlands and forests, where it plays an important role as a predator of small mammals and insects.
    - **Red-tailed Phascogale (Phascogale calura):** A small, endangered marsupial that inhabits tree hollows in woodlands and forest areas. It is vulnerable due to habitat loss and predation by feral species
    - **Quenda (Isoodon fusciventer):** A priority species, the Quenda is a small bandicoot found in dense undergrowth in riparian and woodland areas, where it forages for insects and small invertebrates.
2. **Birds**:
    - **Carnaby's Black Cockatoo (*Calyptorhynchus latirostris*)**: A critically endangered species that relies on hollows in mature trees for breeding and remnant vegetation for feeding.
    - **Baudin's Black Cockatoo (*Calyptorhynchus baudinii*)**: Another endangered cockatoo that depends on mature forests and woodlands.
    - **Red-capped Parrot (*Purpureicephalus spurius*)**: Found in eucalypt woodlands and forests, feeding on seeds from Marri trees.
    - **Western Rosella (*Platycercus icterotis*)**: A bird endemic to southwestern WA, commonly found in remnant vegetation and agricultural areas.
3. **Reptiles and Amphibians**:
    - **Bobtail Lizard (*Tiliqua rugosa*)**: A common reptile in the area, favouring open woodlands and shrublands.
    - **Motorbike Frog (*Litoria moorei*)**: An iconic amphibian associated with wetlands, riparian zones, and water bodies within the Shire.
    - **Gould's Monitor (*Varanus gouldii*)**: A large, ground-dwelling lizard commonly found in woodlands and shrublands. It is an important part of the ecosystem, preying on invertebrates, small mammals, and birds.
4. **Invertebrates**:
    - **Marri Bee (*Leioproctus species*)**: A native bee species critical for pollination, particularly in Jarrah and Marri forests.
    - **Southwest Jewel Beetles**: These vibrant beetles play a role in the ecosystem by pollinating native plants.

The fauna of the Shire is closely tied to its diverse habitats:

- **Woodlands and Forests**: Provide nesting and foraging opportunities for cockatoos, possums, and wallabies.
- **Wetlands and Riparian Zones**: Critical for frogs, waterbirds, and aquatic invertebrates.
- **Granite Outcrops**: Support specialised species such as lizards and invertebrates that thrive in shallow soils and exposed environments.
- **Shrublands and Heathlands**: Offer shelter and food for small mammals, birds, and reptiles, especially those adapted to fire-prone landscapes.

Ecological Communities

The Shire is home to a rich diversity of ecological communities, many of which are of significant conservation value. These communities include woodlands, heathlands, wetlands, and granite outcrops, each supporting a unique array of flora and fauna. However, several of these communities are under threat due to habitat loss, habitat fragmentation, invasive species, and changing environmental conditions.

Key Ecological Communities

1. **Woodland Communities**:
    - Dominated by **Wandoo (*Eucalyptus wandoo*)**, **Salmon Gum (*Eucalyptus salmonophloia*)**, and **York Gum (*Eucalyptus loxophleba*)**, these woodlands are primarily found in valleys and lower slopes. They provide vital habitat for a range of birds, mammals, and invertebrates.
    - These communities play a critical role in maintaining biodiversity and ecological processes but have been significantly impacted by land clearing.
2. **Riparian and Wetland Communities**:
    - Riparian zones along rivers and wetlands feature species like **Swamp Paperbark (*Melaleuca rhaphiophylla*)**, **Flooded Gum (*Eucalyptus rudis*)**, and native sedges (*Juncus* spp., *Lepidosperma* spp.).
    - These communities are essential for water regulation, supporting aquatic species and providing habitat for waterbirds and frogs. They are also vulnerable to land-use impacts, such as changes in water quality and flow.
3. **Granite Outcrop Communities**:
    - These communities are characterised by drought-tolerant species such as **Rock Sheoak (*Allocasuarina huegeliana*)** and **Xanthorrhoea** (Grass Trees). They are found on exposed granite surfaces and are crucial for maintaining species diversity in arid environments.
    - Granite outcrops are biodiverse hotspots, providing unique habitats for specialised flora and fauna adapted to harsh conditions.

The Shire is home to several **Threatened and Priority Ecological Communities (TECs)**. These communities are listed due to their rarity and vulnerability, often exacerbated by human activities and environmental change. In particular, the following communities are of significant concern:

Listed under the Commonwealth legislation:

- **Eucalyptus woodlands of the Western Australian Wheatbelt** – Critically Endangered (Priority 3)
- **Clay pans with shrubs over herbs (Community 117)** – Critically Endangered (Priority 1)

State listed:

- **Blackwood alluvial flats** – Priority 2

Significance of Ecological Communities

The ecological communities of the Shire provide essential ecosystem services, such as water filtration, carbon storage, and habitat for a variety of species, including threatened and endemic fauna. These communities also contribute to the Shire's aesthetic and cultural value, supporting local heritage and ecological education.

Species of Conservation Concern

Species of conservation concern are those plants, animals, and fungi identified as being at risk of extinction or significant decline due to threats such as habitat loss, environmental changes, and human activities. These species play vital ecological roles and often serve as indicators of ecosystem health. Conservation listings occur at both the state and national levels, with species categorised based on their risk status under frameworks such as Western Australia's Biodiversity Conservation Act 2016 and the Commonwealth's Environment Protection and Biodiversity Conservation Act 1999. In the Shire of West Arthur, conservation-listed flora, fauna, and fungi reflect the unique biodiversity of the region and underscore the need for targeted protection and recovery efforts. The following table (Table 1) summarises the number of conservation-listed species in the Shire against the total recorded number. For a more detailed breakdown of which species are listed and their listings see Appendix 2 and Appendix 3.

Table 1: Summary of flora, fauna and fungi in the Shire of West Arthur

	Flora	Fauna	Fungi
EPBC Act listed	18	11	
State listed	19	14	
Priority species (1-4)	88	8	
Introduced	118	323	
Total native	1362	117	
Total recorded	1480	440	109

Table 2: Conservation status definitions

Conservation status definition (listing under the Biodiversity Conservation Act 2016)	
CR	Critically endangered
EN	Endangered
VU	Vulnerable
CD	Species of special conservation interest (conservation dependent)
P1	Poorly known, known from few locations, none on conservation lands
P2	Poorly known, known from few locations, some on conservation lands
P3	Poorly known, known from several locations
P4	Rare, near threatened and other species in need of monitoring

For more information go to https://bio.wa.gov.au/guide/conservation-status-definitions

Threats to Biodiversity in the Shire of West Arthur

The Shire of West Arthur faces several significant threats to its biodiversity, which can impact the health of local ecosystems and the community's quality of life. Understanding these threats is crucial for developing effective conservation strategies. The primary threats include:

1. **Habitat Loss and Fragmentation**: The ongoing clearing of land results in the destruction of critical habitats. This fragmentation isolates wildlife populations, making it challenging for species to find food, mates, and shelter, ultimately leading to declines in biodiversity.
2. **Invasive Species**: The introduction of non-native plants and animals disrupts local ecosystems, outcompeting native species for resources and altering habitat conditions. Invasive species, along with diseases such as Phytophthora dieback, pose serious threats to the integrity of our natural environments.
3. **Climate Change**: Rising temperatures and increasing aridity significantly impact the region's biodiversity. These changes can exacerbate existing threats and reduce the resilience of local ecosystems, making it essential to implement adaptive management practices that bolster the capacity of natural areas to cope with climatic stressors.
4. **Altered Fire Regimes**: Changes in fire management practices can lead to either too frequent or infrequent fires, both of which can negatively affect native flora and fauna. Many species are adapted to specific fire regimes, and disruption of these patterns can alter habitat availability and ecosystem function.
5. **Water Resource Management**: Effective management of water resources is critical to maintaining the health of aquatic and riparian ecosystems. Changes in water quality, flow patterns, and availability due to human activities can threaten the species that depend on these habitats for survival.
6. **Salinity and Erosion**: Increased salinity and soil erosion degrade land quality and threaten both agricultural productivity and natural habitats. These conditions can be exacerbated by poor land management practices and changing climatic conditions.

7. **Grazing and Land Use**: Overgrazing by livestock can lead to soil degradation and the loss of native plant species. This not only impacts the landscape but also reduces habitat quality for local wildlife.
8. **Dieback and Disease**: The spread of diseases such as Phytophthora dieback continues to threaten the health of native vegetation, leading to further losses in biodiversity and the degradation of ecosystems.
9. **Firewood Taking and Rubbish Dumping**: Unregulated removal of firewood and littering contribute to habitat degradation and pollution. These activities can have detrimental effects on local wildlife and the overall health of ecosystems.
10. **Secondary Poisoning:** Commonly used rodent baits are the source of secondary poisoning in pets and wildlife that are known to often consume rodents.
11. **Lack of Community Understanding**: Limited awareness of the importance of biodiversity and its benefits can hinder community engagement in conservation efforts. Educating the public about the value of local ecosystems is essential for fostering a culture of stewardship.
12. **Capacity of the Shire**: The Shire of West Arthur faces challenges related to the capacity to implement necessary biodiversity management strategies. Limited resources can impede effective conservation actions.
13. **Industry and Development**: Ongoing agricultural expansion, plantations, and infrastructure development contribute to habitat loss and fragmentation, further threatening local biodiversity.
14. **Tourism Pressure**: While tourism can generate economic benefits, unsustainable practices may lead to environmental degradation if not carefully managed.
15. **Poaching**: Illegal hunting and harvesting of native species pose direct threats to local wildlife populations and disrupt ecological balance.

Addressing these threats requires a coordinated effort from local communities, government agencies, and stakeholders to implement sustainable practices and develop effective management strategies. By prioritising biodiversity conservation, the Shire can ensure the preservation of its unique ecosystems and the benefits they provide to the community.

Prioritisation of Natural Areas for Biodiversity Conservation

The Shire of West Arthur encompasses a diverse array of ecosystems and natural areas, each contributing unique ecological value. To guide effective biodiversity conservation, a robust prioritisation framework has been established, ensuring that resources and efforts are directed toward areas of greatest ecological significance. This framework incorporates comprehensive criteria reflecting regional and local representation, rarity, diversity, and the maintenance of ecological processes.

Key criteria include the identification of natural areas with recognised conservation value at various scales—international, national, and regional. The strategy emphasises protecting ecological communities with limited remaining extent or inadequate representation in formal conservation networks, such as those with less than 30% of their pre-European extent remaining.

Significant weight is also given to conserving areas hosting threatened ecological communities (TECs), and species-specific habitats, such as those critical for the breeding and foraging of iconic species like Carnaby's Cockatoo. Connectivity and the maintenance of natural processes, including the protection of riparian and wetland vegetation, are critical components for ensuring the long-term viability of these ecosystems.

The attached table provides detailed descriptions of the prioritisation criteria applied in the identification of priority areas within the Shire of West Arthur. It serves as a foundational tool for strategic conservation planning, enabling data-driven decision-making to protect and enhance the region's biodiversity.

Table 3: Representation of Ecological prioritisation criteria in the Shire of West Arthur – May 2024.

Criterion		Description	Mapping data used to represent these criteria
Regional representation			
1.1	Any natural area with recognised international, national, State or regional conservation value	The aim of this criteria is to identify LNAs that are not yet formally protected but have been identified via previous studies as having high conservation values. To reduce the risk of errors in spatial modelling, the prioritisation criteria are applied to the native vegetation extent mapping as a baseline and therefore, the prioritisation results include lands with varied levels of protection.	DBCA managed lands (legislated lands) vested for conservation
			Conservation Covenants – there are 7 National Trust WA registered properties in West Arthur and its buffer – a layer based on MNES search tool
			Flora roads – Cordering Rd North
			Proposed conservation reserves; R 11013, R14846, R19960, R 21252, R16712 (in DBCA's Wheatbelt Region parks and reserves management plan 95, 2021 (Appendix 2)
1.2	Natural areas of an ecological community with 30% or less of their pre-European **extent remaining** in the IBRA sub-region	Avon IBRA: Vegetation associations: 3, 4, 7, 37, 949, 992, 1023, 1036, 1051, 1073 And Jarrah Forest IBRA: Vegetation complexes: Bo1, DM2, Dk1, Dk2, Dk3, Dk4, Dk5, DK5f, Fa1, Fa2, Fa3, Fa4, Fa5, KU2, L, LK2, MH, QU, QUs, QUw	2020 vegetation extent by vegetation complexes
			2020 vegetation extent by Statewide pre-European vegetation mapping for the area not covered by veg complex mapping only
			DBCA Statewide Vegetation Statistics & DBCA South West Vegetation complex statistics (2018)
1.3	Large (greater than 20 hectares), viable natural areas in good or better condition of an ecological community with over 30% of its pre-European extent remaining in the IBRA sub-region	Patched greater than 20ha and representative of Vegetation associations and vegetation complexes that do not meet criteria 1.2 and 2.1. (A patch defined as discrete area of mapped vegetation separated from other discrete area by >10m)	2020 vegetation extent by vegetation complexes by mapped polygon size
			2020 vegetation extent by Statewide pre-European vegetation mapping for the area not covered by veg complex mapping only by mapped polygon size
			DBCA Statewide Vegetation Statistics & DBCA South West Vegetation complex statistics (2018)
1.4	Of an ecological community with limited natural occurrence within a conservation planning area, e.g. 100% or more than 90% of the original mapped extent	Vegetation complexes with >90% of original regional extent mapped within the Shire of West Arthur: Dk5f, Fa5, MH, QUs	2020 vegetation extent by vegetation complexes and a conservation planning area boundary
			DBCA Statewide Vegetation Statistics & DBCA South West Vegetation complex statistics (2018)
1.5	Of an ecological community with 15% or less **protected** for conservation in the Jarrah Forest sub-regions	All Jarrah Forest IBRA vegetation complexes	2020 vegetation extent by vegetation complexes and IBRA sub-regions
			DBCA South West Vegetation complex statistics (2018)

Criterion		Description	Mapping data used to represent these criteria
Local Representation			
1.6	Natural areas of an ecological community with 10% or less remaining within the Local Government area	Wheatbelt IBRA: Vegetation association 7 & 1051 – MCAS is missing these Jarrah Forest IBRA: Bo1, Dk3, Dk4, Fa2, Fa3, Fa4, Fa5, L, MJ	DBCA South West Vegetation complex statistics 2020 vegetation extent by vegetation complexes and Local Government boundaries (2018)
1.7	Natural areas of an ecological community with 30% or less remaining within the Local Government area	Wheatbelt IBRA: Vegetation association 4, 7, 37, , *992,* 1023, 1036, 1051, 1073 Jarrah Forest IBRA: Vegetation complexes: Bo1, Dk1, Dk2, Dk3, Dk4, Dk5, DK5f, Fa2, Fa3, Fa4, Fa5, G, KU2, L, LK2, MH, MJ, QU, QUw, WG	DBCA South West Vegetation complex statistics 2020 vegetation extent by vegetation complexes and Local Government boundaries (2018)
1.8	Large, viable natural areas in good or better condition of an ecological community with over 30% of its pre-European extent remaining in the Local Government	Patches greater than 10ha and representative of Vegetation associations and 48. (Patch defined as discrete area separated from other discrete area by >10m)	2020 vegetation extent by Statewide pre-European vegetation mapping by mapped polygon size DBCA Statewide Vegetation Statistics
Rarity			
2.1	of an ecological community with only 10% or less **remaining** in the IBRA sub-region	Wheatbelt IBRA: Vegetation association 7, 1023, 1051 (where these do not overlap with vegetation complexes) Jarrah Forest IBRA: Vegetation complexes: Bo1, Dk1, Dk2, Dk3, Dk4, Dk5, DK5f, Fa1, Fa2, Fa3, Fa4, Fa5, KU2, L, LK2, QU, QUw	2020 vegetation extent by vegetation complexes 2020 vegetation extent by Statewide pre-European vegetation mapping DBCA Statewide Vegetation Statistics & DBCA South West Vegetation complex statistics
2.2	Natural areas containing a Threatened Ecological Community (TEC)	TECs listed under the Commonwealth and State legislation. Dataset including the buffers of mapped and inferred TECs is used for strategic conservation planning. There are two Critically Endangered TEC in the Shire (Comm listed)	TECs data layer with conservation categories, including Priority ecological communities maintained by the Species and Communities Branch, DBCA
2.3	Natural area containing records of threatened flora, fauna or significant habitat for threatened fauna	Vegetation patches with Threatened flora and fauna records.	Threatened flora and fauna data layer with conservation categories maintained by the Species and Communities Branch, DBCA

Criterion		Description	Mapping data used to represent these criteria
2.4	Carnaby's confirmed breeding and roosting sites & Black cockatoo breeding and roosting site	Potential habitat	DPIRD-005 (vegetation extent) **DBCA-054 & DBCA-064** – buffered by 19km (sites are mapped as point locations buffered by 1km so additional 19kms is added to represent the 20km radius foraging area identified as priority in the Referral guideline for 3 WA threatened black cockatoo species (dcceew.gov.au)
Diversity			
3.1	Natural areas containing a Priority Ecological Community	Priority ecological communities as listed by the Species and Communities Branch, Department of Biodiversity, Conservation and Attractions There is one State listed PEC in the Shire and one within the buffer. Do not use those Priority ECs that are listed by the Commonwealth as TECs.	Priority ecological communities maintained by the Species and Communities Branch, DBCA within the TEC data layer
3.2	Natural areas containing Priority flora, fauna or significant habitat for these fauna	Vegetation patches with records of Priority flora and fauna.	Threatened flora and fauna data layer with conservation categories maintained by the Species and Communities Branch, DBCA
Protection of wetland, streamline and estuarine fringing vegetation and coastal vegetation			
4.1	Wetlands and their buffers	Significant wetland mapping as available for a Local Government area	Wheatbelt Wetlands Geomorphic wetland mapping for Darkan-Duranillin
4.2	Riparian vegetation along rivers, creek lines and other channel wetlands plus an appropriate buffer	Buffered hydrography lines are intersected with remnant vegetation mapping to create a representation for this criterion. Mapped streams were buffered by 100 meters on each side of the mapped	Current Native Vegetation Extent (DPIRD-005) and SWCC Mapping
4.3	Floodplains delineated on the basis of ecological and geomorphic features plus an appropriate buffer	Within the wetland mapping	Shire to request mapping from DWER for the Blackwood River, Arthur River & Beaufort (part of Blackwood River catchment)
4.4	Granite outcrops		Wheatbelt Wetlands Mapping Type A: Granite outcrop

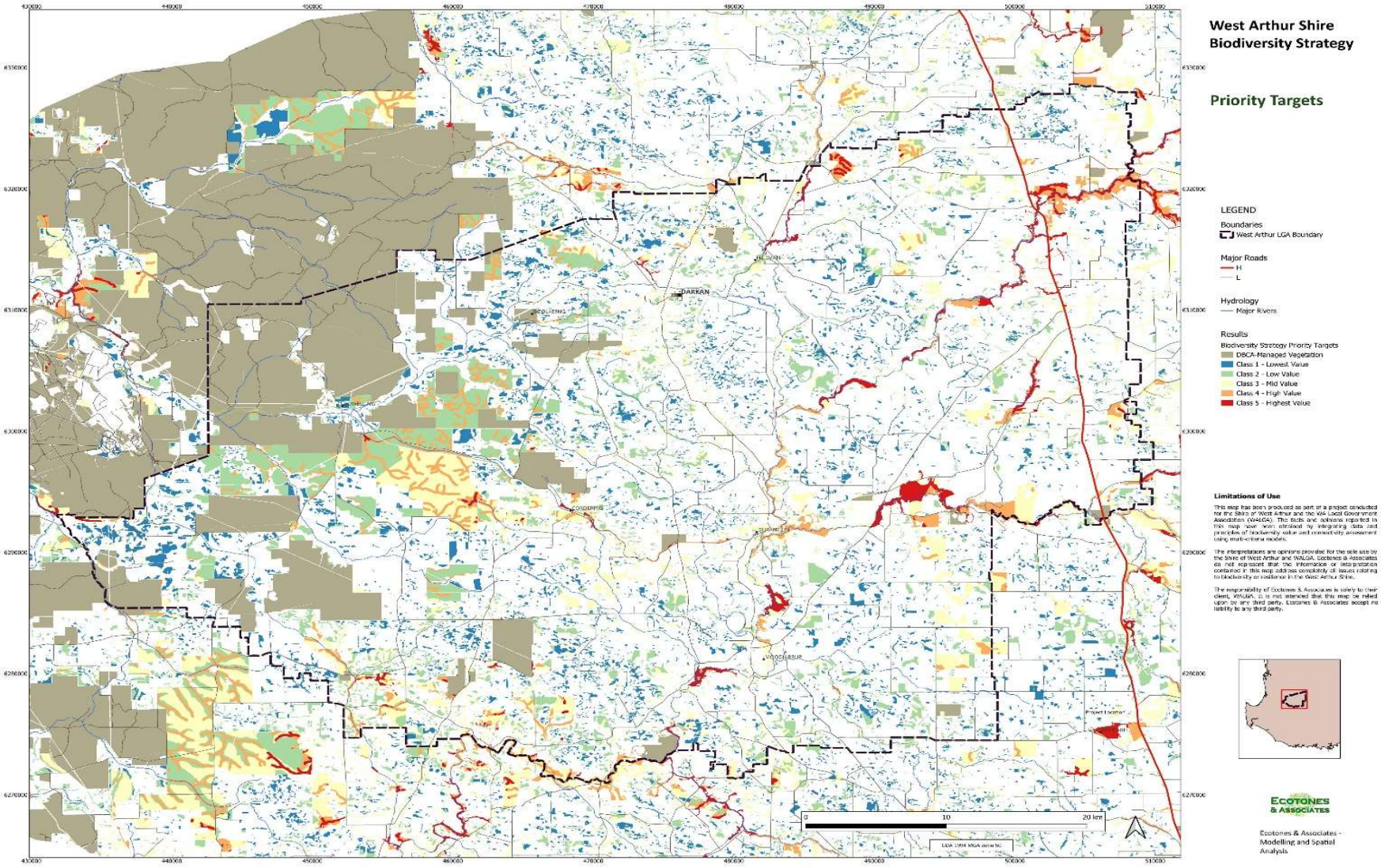


Figure 2: Community-Identified Significant Areas

Community-Identified Significant Areas

In addition to the ecological priorities identified through mapping and prioritisation processes, the Shire of West Arthur is home to several areas that hold significant cultural, historical, or social value for the local community. These areas may not always meet the strict ecological criteria for high-priority biodiversity conservation, but they are of considerable importance to the residents and stakeholders within the Shire. Recognising and preserving these areas supports the Shire's vision of a sustainable, vibrant, and connected community, where both the natural environment and local heritage are respected.

1. Lake Towerrinning
    - Lake Towerrinning is an area of significant cultural, ecological, and recreational importance to the local community. It is valued for its unique freshwater ecosystem and role as a key water resource for the region. The lake is also a popular spot for birdwatching, nature walks, camping, freshwater skiing, and community events, offering an important space for both recreation and relaxation. The Shire recognises the importance of preserving this natural area, not just for its biodiversity but for the social and cultural benefits it provides to local residents.

2. Nangip Creek
    - Nangip Creek Reserve is a 5-hectare area of ecological and community significance located within the Darkan town site. Managed by the Shire of West Arthur for drainage purposes, the reserve serves as a tributary to the Hillman River, which ultimately feeds into the Arthur River. The creek is a permanent water source, displaying seasonal salinity variations influenced by rainfall. Its diverse vegetation includes a woodland dominated by Wandoo (Eucalyptus wandoo), Flooded Gum (Eucalyptus rudis), and Jam Tree (Acacia acuminata), complemented by riparian species such as Tea Tree (Melaleuca viminea) and Golden Wreath Wattle (Acacia saligna). Beneath the canopy thrives a mix of native grasses, herbs, and shrubs, although invasive weeds pose ongoing challenges. Beyond its ecological value, Nangip Creek Reserve offers recreational opportunities, with the Darkan Heritage Trail and additional trails and bridges constructed by the Friends of Nangip Creek, encouraging community engagement and appreciation of this important natural area.

Partnerships and Collaboration

Effective biodiversity conservation requires strong partnerships and collaborations across various sectors. By working together with government agencies, local organisations, industry groups, and educational institutions, we can leverage resources, expertise, and community engagement to achieve our biodiversity goals. Collaboration ensures that our efforts to protect, restore, and enhance biodiversity are holistic, inclusive, and informed by the best available knowledge. Furthermore, partnerships strengthen connections within the community, encourage shared responsibility, and enhance resilience in the face of environmental challenges.

These partnerships allow for the pooling of resources and the ability to access a wider range of skills and knowledge, fostering innovation in biodiversity management. By collaborating with key stakeholders, we can ensure that our biodiversity initiatives not only benefit the environment but also provide social, economic, and cultural value to the region.

Below is a list of potential partners for future collaboration, each offering unique insights and resources to help achieve our biodiversity outcomes:

1. DBCA (Department of Biodiversity, Conservation and Attractions)

The DBCA is a vital partner in biodiversity conservation, responsible for managing national parks, wildlife, and other natural areas across Western Australia. Their expertise in ecosystem management and species protection can greatly assist in the conservation of threatened species and habitats within the Shire.

2. FPC (Forest Products Commission)

The FPC manages sustainable timber production in WA's forests. Partnering with FPC can ensure that forestry practices are compatible with biodiversity conservation goals, particularly in the management of forested areas within the Shire.

3. Main Roads

As the agency responsible for road infrastructure in WA, Main Roads often intersects with environmental management, particularly in areas where road projects impact natural habitats. Collaborating with Main Roads can help mitigate the impacts of roadworks on local ecosystems and wildlife corridors.

4. Blackwood Basin Group Inc.

A community-based natural resource management group focused on the Blackwood River catchment area. This group is an excellent partner for local conservation efforts, particularly in sustainable agriculture, water management, and biodiversity enhancement projects. The Shire currently engages the Blackwood Basin Group to carry out landcare work and seek external funding for projects within the Shire.

5. WALGA (Western Australian Local Government Association)

WALGA represents local governments across WA and can provide valuable resources and advocacy support for biodiversity initiatives. Their expertise in land-use planning and environmental policy will be crucial in shaping the Shire’s biodiversity strategy.

6. Local Bushfire Brigades

Local Bushfire Brigades play a critical role in managing bushfire risk and protecting natural areas from fire damage. Partnering with these brigades ensures that biodiversity protection is incorporated into fire management plans, reducing the impact of wildfires on important habitats.

7. Water Corporation

The Water Corporation manages WA’s water supply and is involved in waterway conservation efforts. Collaboration with the Water Corporation can help protect aquatic ecosystems, particularly wetlands and water sources that are critical for biodiversity.

8. DWER (Department of Water and Environmental Regulation)

DWER oversees water resource management and environmental protection in WA. They provide vital support in regulating pollution, monitoring environmental health, and developing strategies to combat climate change and its impacts on biodiversity.

9. DPIRD (Department of Primary Industries and Regional Development)

DPIRD supports WA's agricultural and regional development sectors. Their involvement in sustainable agriculture and natural resource management can help ensure that farming practices within the Shire support biodiversity conservation while maintaining economic viability.

10. Universities, TAFE, Educational Institutions

Educational institutions provide research, training, and resources in environmental science, agriculture, and natural resource management. Collaborations with universities and TAFEs can help support biodiversity research, training programs, and the development of innovative solutions for environmental challenges.

11. Agricultural Schools

Agricultural Schools focus on training the next generation of farmers in sustainable practices. Partnering with Agricultural Schools can foster community education around sustainable land management and biodiversity-friendly farming practices.

12. PGA (Pastoralists and Graziers Association), MLA (Meat & Livestock Australia), WA Farmers

These industry groups represent the interests of farmers, graziers, and livestock producers in WA. Working with these organisations can promote biodiversity-friendly agricultural practices, ensuring that farming activities within the Shire contribute to, rather than detract from, ecological sustainability.

13. DFES (Department of Fire and Emergency Services)

DFES manages emergency services and disaster preparedness across WA. Their expertise in bushfire prevention and emergency response is crucial for protecting biodiversity, especially in mitigating the impact of natural disasters on sensitive ecosystems.

14. West Arthur CRC (Community Resource Centre)

CRC's provide a hub for community engagement and education. Collaborating with local CRCs can help raise awareness of biodiversity issues, engage local residents in conservation efforts, and provide access to resources and information about protecting the environment.

15. West Arthur Herbarium

Located in the Darkan Library, the West Arthur Herbarium is a valuable resource for plant identification. The Herbarium features:

- Pressed specimens of hundreds of native and weed species found in the Shire of West Arthur
- A selection of reference books on native flora
- Guides for identifying common weeds
- Landcare management resources and publications
- A microscope for detailed plant examination

16. Alinta Energy

Alinta Energy is a significant player in the energy sector with a strong commitment to community engagement and environmental sustainability. Partnering with Alinta Energy provides opportunities for securing funding, resources, and support for local biodiversity projects. Their involvement could enhance conservation efforts, including habitat restoration, species protection, and environmental education initiatives, aligning with their broader corporate social responsibility goals.

17. Gnaala Karla Booja Aboriginal Corporation

The Gnaala Karla Booja Aboriginal Corporation represents the traditional custodians of the Shire's land. Partnering with the Corporation ensures that conservation efforts respect and incorporate traditional knowledge. This collaboration can lead to culturally appropriate land management strategies, joint conservation initiatives, and the protection of cultural heritage, fostering a holistic approach to local biodiversity conservation.

Monitoring and Reviewing

Effective biodiversity conservation is an ongoing process that requires consistent monitoring and periodic review to ensure that initiatives are on track and delivering the desired outcomes. Monitoring progress allows us to assess the effectiveness of our actions, make data-driven adjustments, and respond proactively to emerging environmental challenges. Regular review of our strategy also ensures that it remains relevant and adaptive in the face of changing conditions, new research, and community needs.

As part of our commitment to transparency and community engagement, the Shire will report on biodiversity initiatives and actions implemented across the Shire throughout the year. This will be published in the Shire's existing Annual Report and will provide a summary of the following:

- **Progress on Initiatives**: An overview of the actions taken during the year and how they align with the goals and objectives of the biodiversity strategy.
- **Outcomes and Successes**: Data and evidence illustrating the progress made toward enhancing and protecting biodiversity, including key achievements such as habitat restoration, species protection, and community engagement efforts.
- **Challenges and Adjustments**: A transparent assessment of any obstacles encountered, and how strategies were adjusted or refined in response to these challenges.
- **Community Engagement**: Updates on collaboration with local partners and organisations, including details of workshops, projects, and conservation initiatives that have involved the broader community.

To maintain the effectiveness and relevance of the biodiversity strategy, we recommend conducting a comprehensive review at **five-year intervals**. This review process will ensure that the strategy continues to reflect:

- **Updated Data**: Incorporating new research, monitoring results, and advancements in conservation science.
- **Emerging Challenges**: Addressing any new environmental threats, changing climate conditions, or biodiversity trends that may arise over time.
- **Community Feedback**: Engaging with the community and stakeholders to gather input and insights that can help refine our approach and make it more inclusive and effective.

A five-year review will provide the opportunity to reassess our priorities and strategies, ensuring that we continue to build on successes, adapt to evolving circumstances, and stay aligned with best practices in biodiversity conservation.

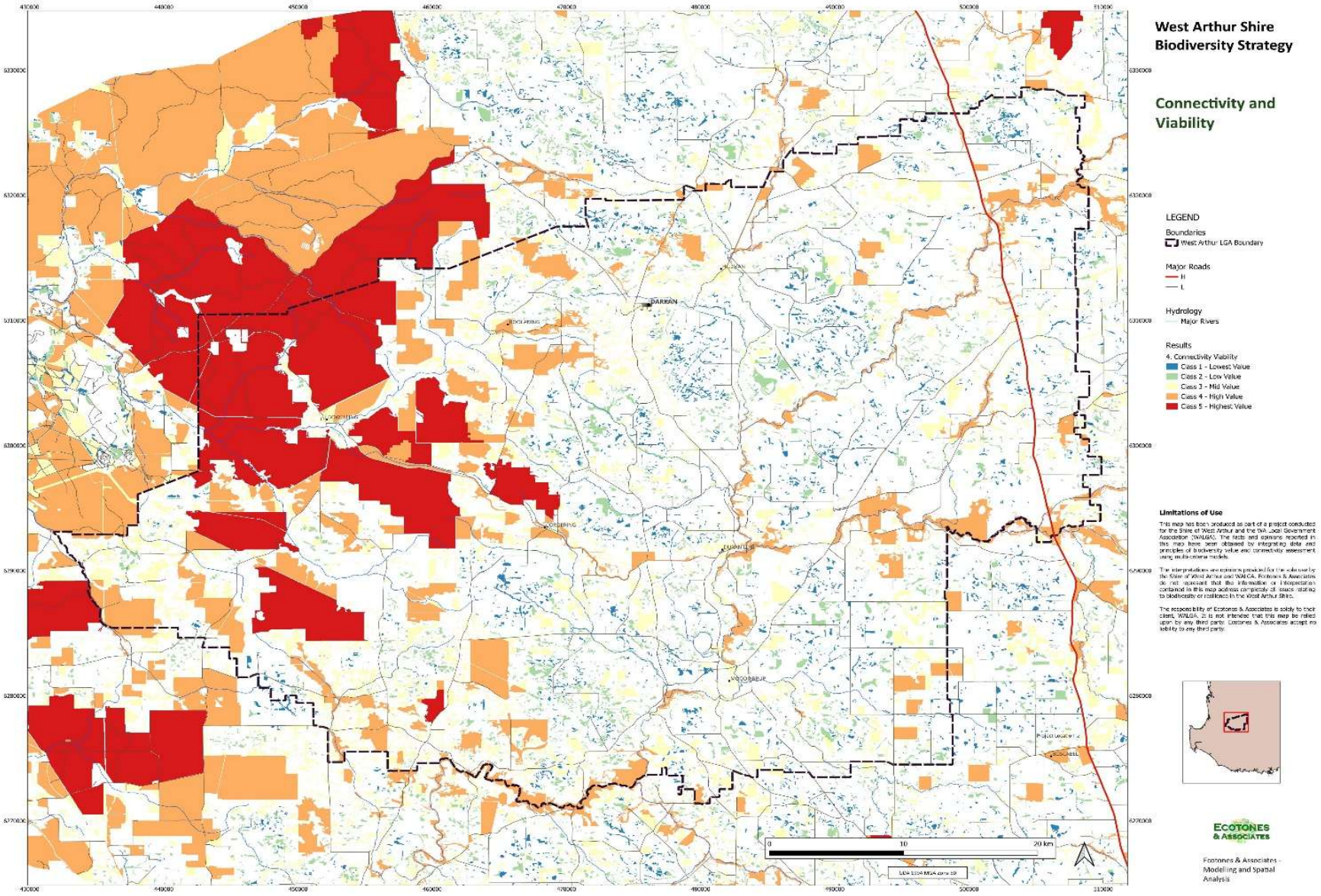
Action Plan

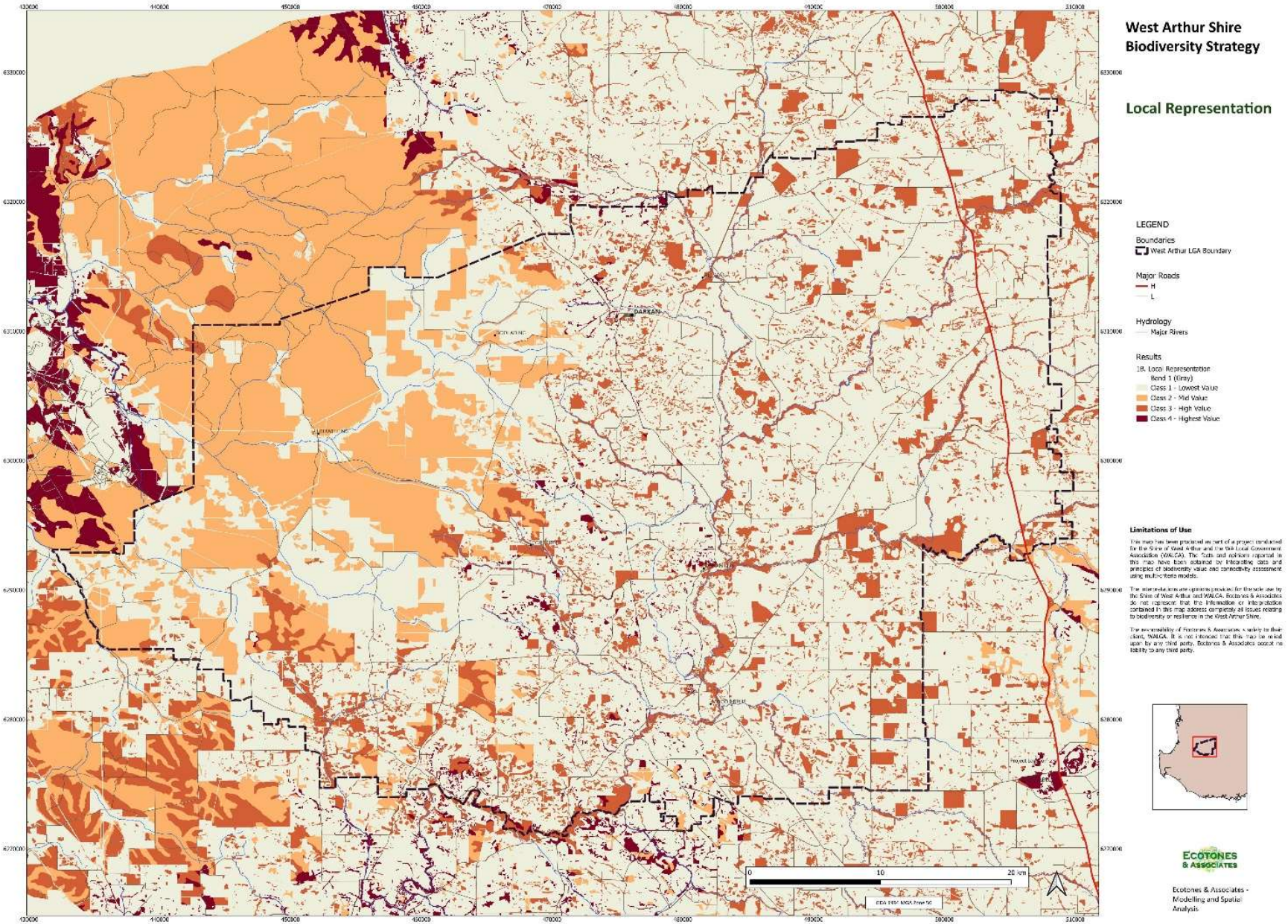
	Action	Timeframe	Key performance indicator	Responsible Party
Integration into local government planning framework				
1.1	Given the constraints of state legislation on prohibiting native vegetation clearing on private properties, promote conservation by encouraging landowners to enter into voluntary conservation covenants and collaborate with environmental organizations to provide support and resources for effective land management.	Medium Term	Policy developed and implemented within 18 months	Shire staff / Landcare Officer
1.2	Report on biodiversity conservation actions and initiatives carried out by the Shire in the Shire's annual report	Short Term	Annual report published on time with comprehensive biodiversity conservation actions detailed	Shire staff / Landcare Officer
Natural area management				
2.1	Develop a weed management plan for the Shire focusing on controlling existing weed species and preventing further spread	Medium Term	Completion and adoption of a weed management plan within 24 months	Shire Staff / Landcare Officer / External Environmental Consultant
2.2	Develop and promote programs to manage and control invasive species, prioritising fast action on newly detected invasive species	Short Term	Completion and adoption of a weed management plan that includes initiatives focused on early detection and rapid response to newly detected invasive species	Shire Staff / Landcare Officer / External Environmental Consultant
2.3	Stop green waste dumping in LNA's by the Shire	Short Term	Zero instances of green waste dumping in LNA's within 12 months	Shire Staff / Ranger Services / Community Development Officer (education)
2.4	Develop a map showing high value LNA's and roadside vegetation under Shire management to be used as a reference by Shire staff	Short Term	Map created and available to all Shire staff within 12 months	Shire Staff / Landcare Officer
2.5	Conduct biodiversity assessments, as funds permit, of Shire managed LNA's to assess current biodiversity levels and identify priority conservation sites	Medium Term	Investigate potential funding opportunities for biodiversity assessments within 12 months. Continue investigating funding opportunities on an ongoing basis and apply if suitable opportunity is identified	Shire Staff / Landcare Officer / External Environmental Consultant
2.6	Seek external funding and resource opportunities that will enhance the capacity of the Shire and community to conserve local biodiversity	Short Term	At least one new external funding source secured within 12 months	Shire Staff / Landcare Officer / External Environmental Consultant

2.7	Seek opportunities to collaborate with local organisations and stakeholders to develop projects aimed at improving connectivity between LNA's	Medium Term	At least 1 potential collaborative project identified with local partners within 24 months	Shire Staff / Landcare Officer / External Environmental Consultant
2.8	Conduct assessments and ongoing monitoring of Shire managed waterways and waterbodies to monitor their health and resilience against future climate challenges and land use impact (i.e. Lake Towerrinning)	Medium Term	Development of a targeted waterway monitoring program for priority rivers and wetlands within 24 months	Shire Staff / Landcare Officer / External Environmental Consultant
2.9	Shire retains a Landcare Officer	Short Term	Retention of the Landcare Officer role within the Shire	Shire Council (Budget)
2.10	Train Shire works crew in identification of high value LNA's on roadsides and Shire managed land	Medium Term	100% of Shire works crew given training on high value LNA's within 12 months	Landcare Officer / External Environmental Consultant
2.11	Train Shire works crew in Green Card Training for Phytophthora dieback hygiene	Medium Term	100% of relevant staff trained within 24 months	Landcare Officer / External Environmental Consultant
Community engagement and resources				
3.1	Make available a digitised map of high value LNA's for community members to view	Short Term	Map made available on the Shire website within 12 months	Shire Staff / Landcare Officer
3.2	Make available and promote maps of designated firewood collection areas across the Shire	Short Term	Maps promoted and distributed within 6 months	Shire Staff / Landcare Officer
3.3	Develop and make available locally relevant resources around sustainable land management and salinity management within the Shire	Medium Term	Creation or sourcing and distribution of at least two new resources within 24 months	Shire Staff / Landcare Officer
3.4	Devise incentives aimed at encouraging landholders to retain natural areas	Medium Term	Investigate concepts for landholder incentives within 12 months	Shire Staff / Landcare Officer
3.5	Encourage and promote the planting of local native species by both Shire and community on public and private land	Short Term	Occasional promotion of the benefits of planting local native species through local media and social media	Shire Staff / Landcare Officer
3.6	Liaise with landholders to coordinate invasive species management efforts where high value LNA's managed by the Shire and private property meet	Medium Term	Liaison with adjacent landholders when managing invasive species in LNA's	Shire Staff / Landcare Officer
3.7	Build capacity of Landcare Officer to be able to provide water testing to landholders	Medium Term	Landcare Officer trained and resourced to be able to provide water testing services within 12 months	Shire Staff / Landcare Officer

3.8	Seek external funding to refresh and digitise herbarium	Long Term	At least one external funding source secured to work on herbarium within 5 years	Shire Staff / Landcare Officer
3.9	Landcare Officer liaise with library to setup displays centred around biodiversity for community education	Short Term	At least two biodiversity-related displays established in local library each year	Shire Staff / Landcare Officer
3.10	Collaborate with Blackwood Biosecurity Inc. (BBI) to develop and make available online, locally relevant resources regarding management and control of invasive species within the Shire	Medium Term	Online resources made available within 12 months	Shire Staff / Landcare Officer
3.11	Encourage and support the adoption of rodent control methods that do not put pets and wildlife at risk of secondary poisoning	Short Term	Occasional promotion of the effects that Second-Generation Anticoagulant Rodenticides (SGARs) can have on non-target species	Shire Staff / Landcare Officer
3.12	Develop a register of introduced species that is available for community members to add to	Medium Term	Register established and launched within 12 months	Shire Staff / Landcare Officer

Appendix 1: Prioritisation Values Mapping – Shire of West Arthur




West Arthur Shire
Biodiversity Strategy
Local Representation
LEGEND
Boundaries
West Arthur LGA Boundary
Major Roads
H
L
Hydrology
Major Rivers
Results
1B. Local Representation
Band 1 (Grey)
Class 1 - Lowest Value
Class 2 - Mid Value
Class 3 - High Value
Class 4 - Highest Value
Limitations of Use
0
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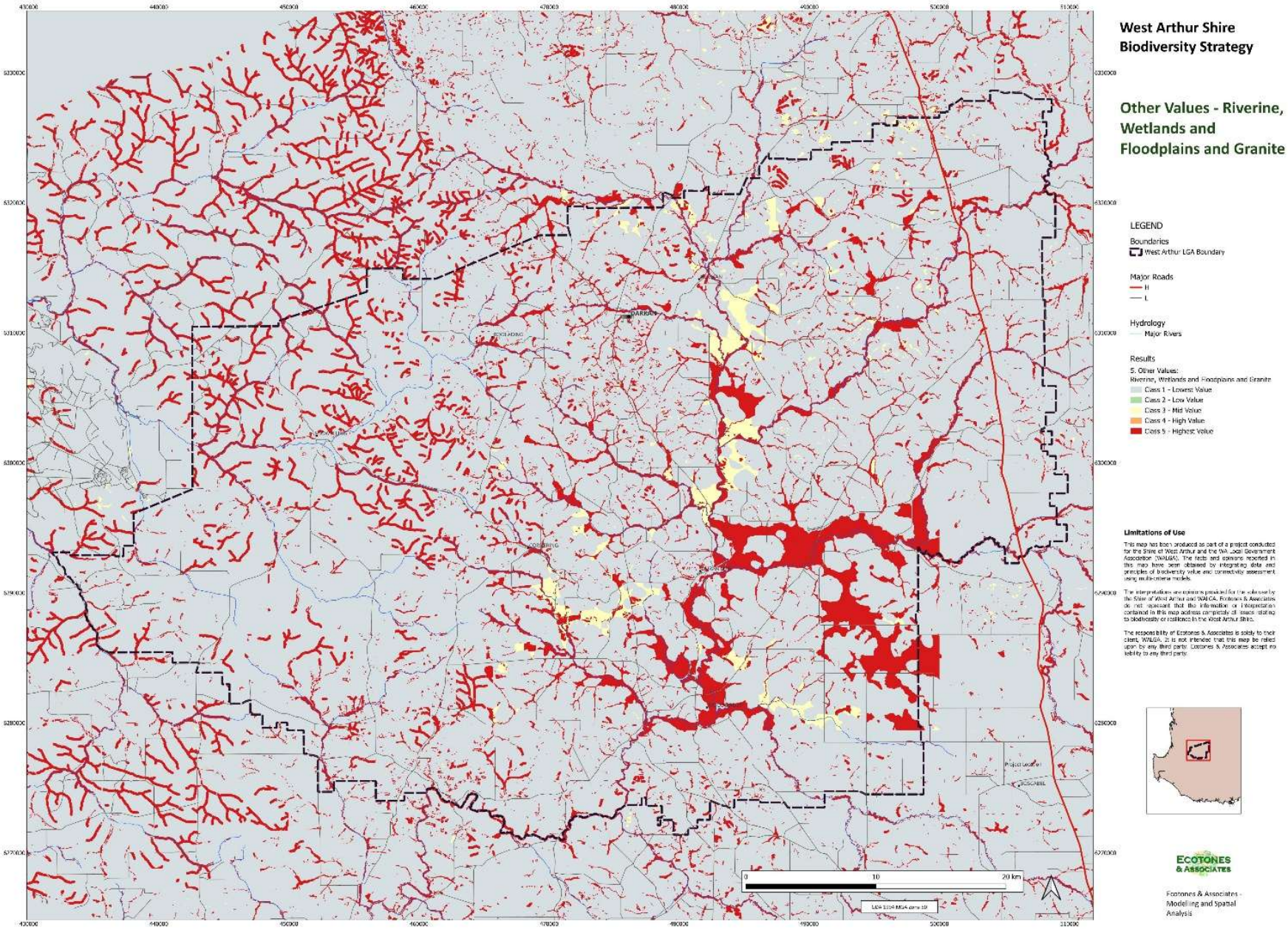
20 km
Ecotones & Associates - Modelling and Spatial Analysis


West Arthur Shire
Biodiversity Strategy
Other Values - Riverine, Wetlands and Floodplains and Granite
LEGEND
Boundaries
West Arthur LGA Boundary
Major Roads
H
L
Hydrology
Major Rivers
Results
5. Other Values:
Riverine, Wetlands and Floodplains and Granite
Class 1 - Lowest Value
Class 2 - Low Value
Class 3 - Mid Value
Class 4 - High Value
Class 5 - Highest Value
Limitations of Use
This map has been produced as part of a project conducted for the Shire of West Arthur and the WA Local Government Association (WALGA). The facts and opinions reported in this map have been obtained by integrating data and principles of biodiversity value and connectivity assessment using multi-criteria models.
The interpretations and opinions provided for the sole use by the Shire of West Arthur and WALGA. Ecotones & Associates do not represent that the information or interpretation contained in this map address completely all issues relating to biodiversity or resilience in the West Arthur Shire.
The responsibility of Ecotones & Associates is solely to their client, WALGA. It is not intended that this map be relied upon by any third party. Ecotones & Associates accept no liability to any third party.
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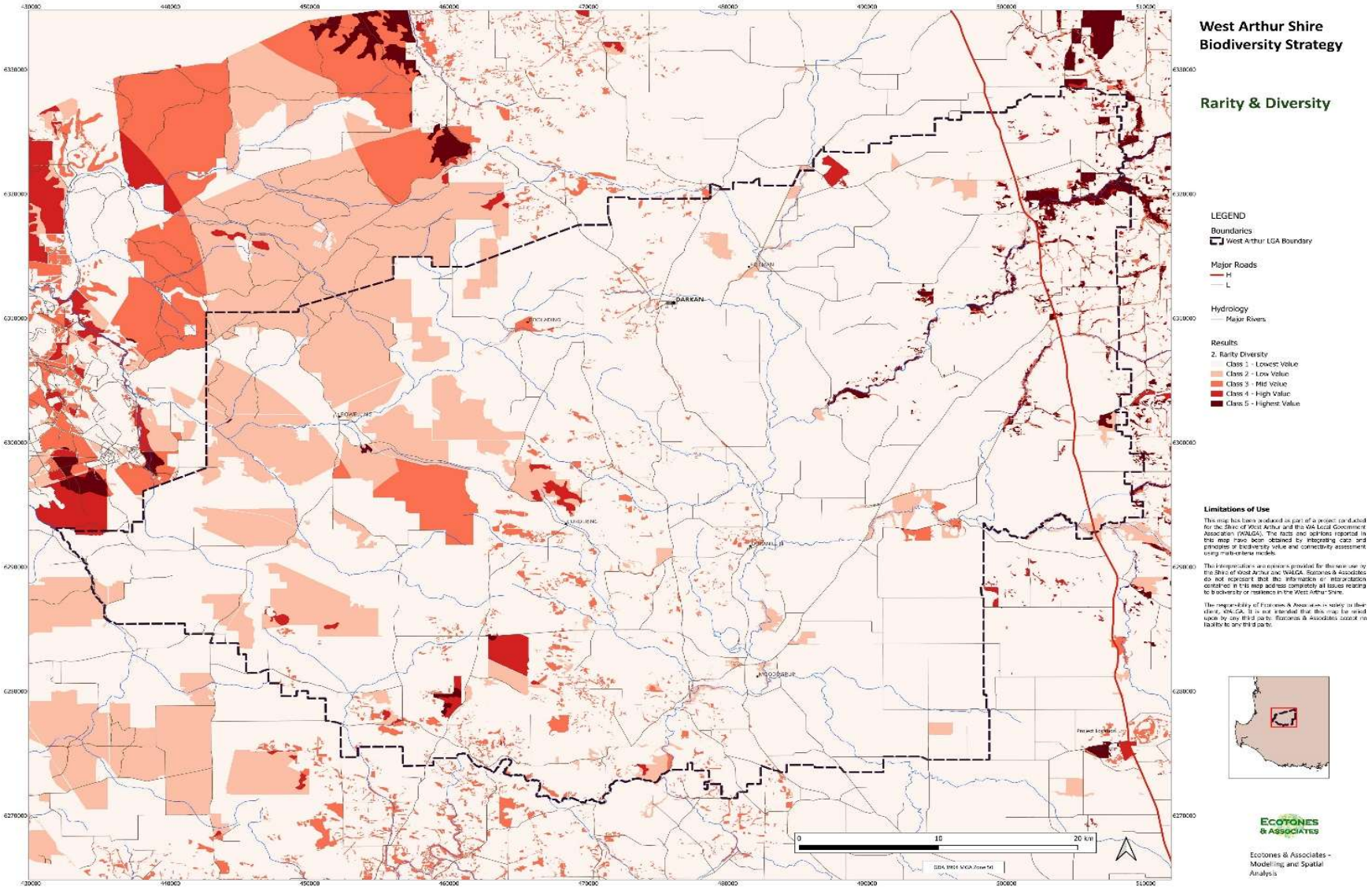
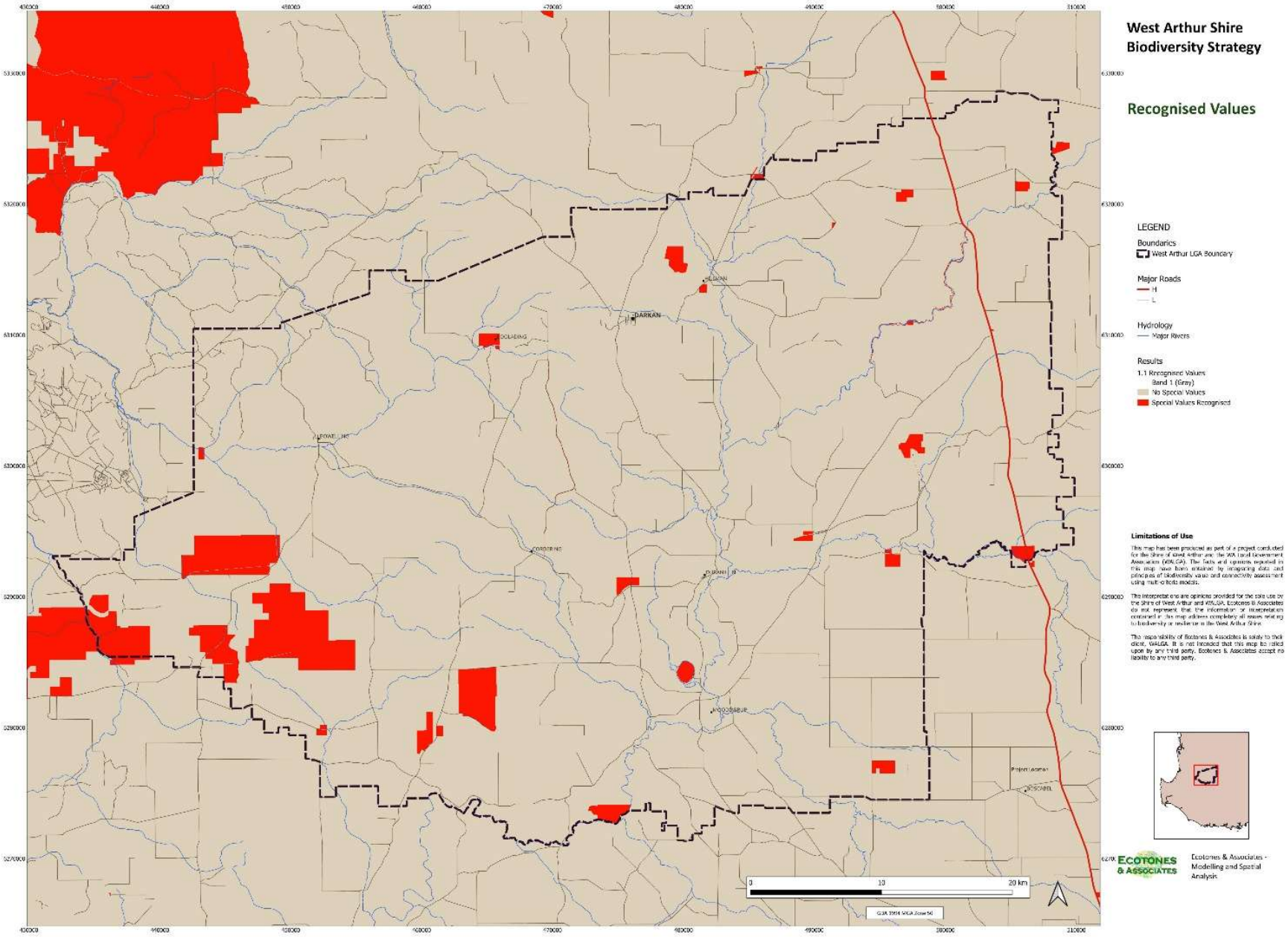
ECOTONES & ASSOCIATES
Ecotones & Associates - Modelling and Spatial Analysis


West Arthur Shire
Biodiversity Strategy
Rarity & Diversity
LEGEND
Boundaries
West Arthur LGA Boundary
Major Roads
H
L
Hydrology
Major Rivers
Results
2. Rarity Diversity
Class 1 - Lowest Value
Class 2 - Low Value
Class 3 - Mid Value
Class 4 - High Value
Class 5 - Highest Value
Limitations of Use
DARKAN
0
10
20 km
Ecotones & Associates - Modelling and Spatial Analysis


West Arthur Shire
Biodiversity Strategy
Recognised Values
LEGEND
Boundaries
West Arthur LGA Boundary
Major Roads
H
L
Hydrology
Major Rivers
Results
1.1 Recognised Values
Band 1 (Gray)
No Special Values
Special Values Recognised
Limitations of Use
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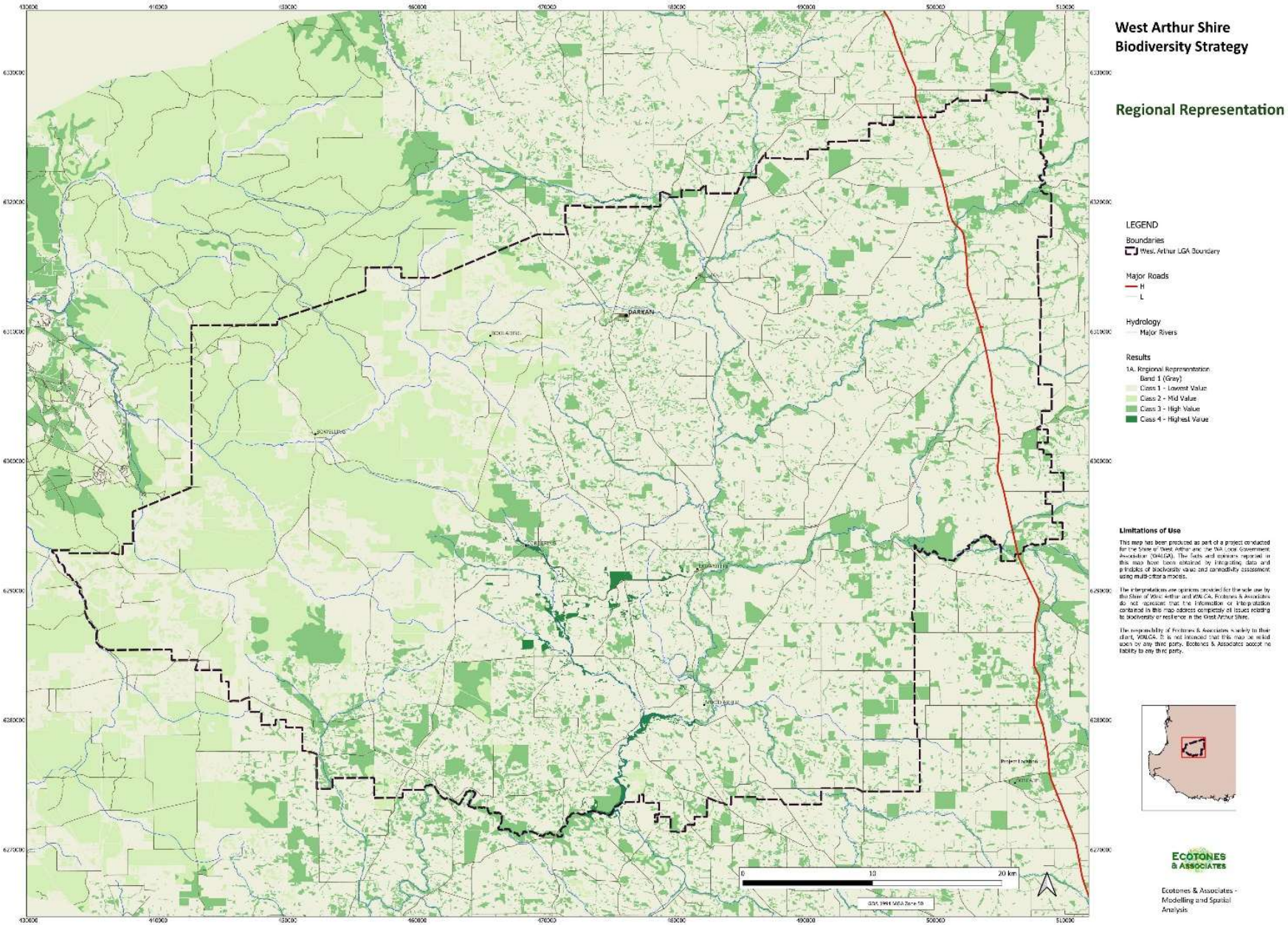
ECOTONES & ASSOCIATES
Ecotones & Associates - Modelling and Spatial Analysis


West Arthur Shire
Biodiversity Strategy
Regional Representation
LEGEND
Boundaries
West Arthur LGA Boundary
Major Roads
H
L
Hydrology
Major Rivers
Results
1A. Regional Representation
Band 1 (Grey)
Class 1 - Lowest Value
Class 2 - Mid Value
Class 3 - High Value
Class 4 - Highest Value
Limitations of Use
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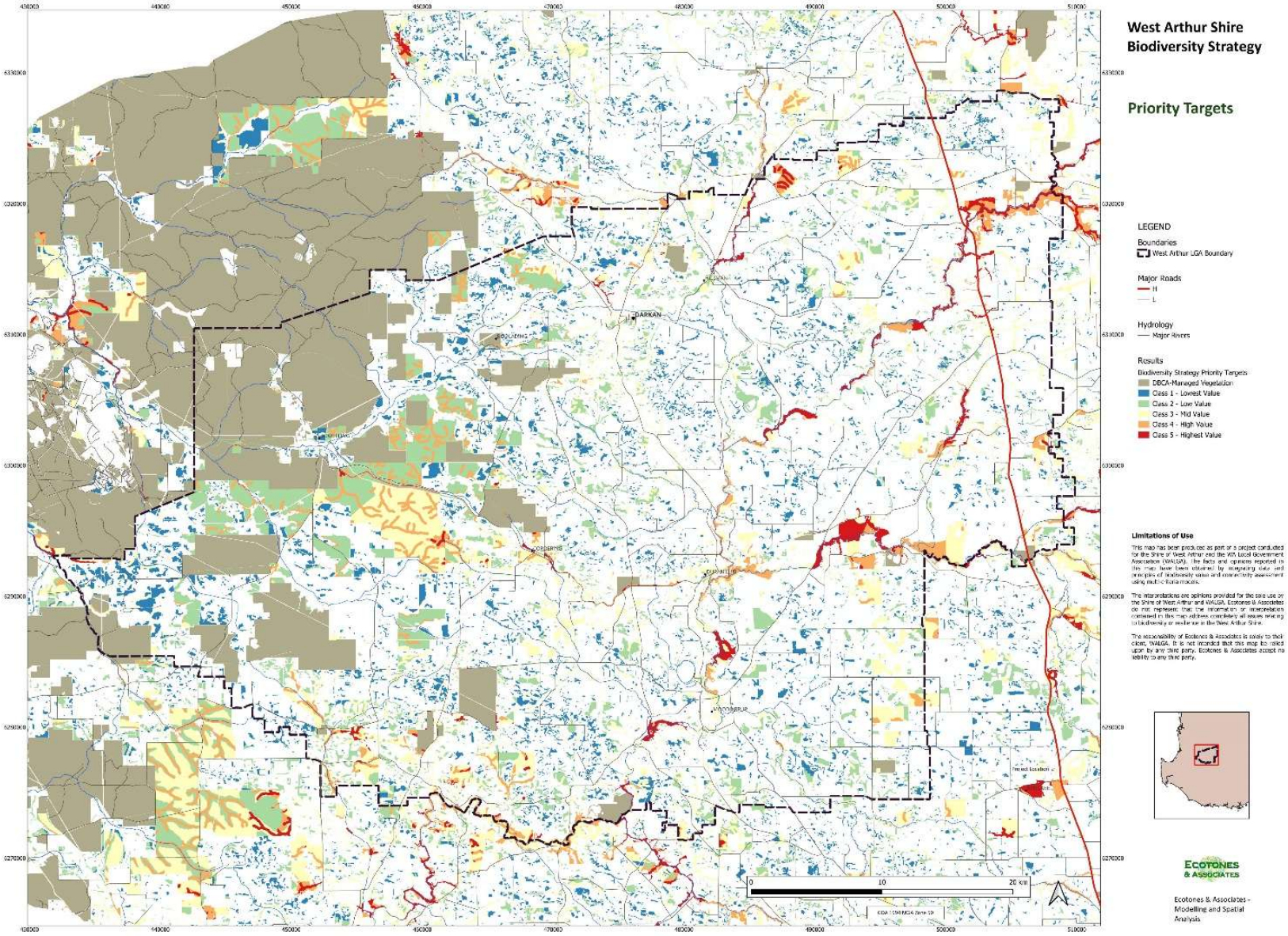
20 km
ECOTONES
& ASSOCIATES
Ecotones & Associates -
Modelling and Spatial
Analysis


West Arthur Shire
Biodiversity Strategy
Priority Targets
LEGEND
Boundaries
West Arthur LGA Boundary
Major Roads
H
L
Hydrology
Major Rivers
Results
Biodiversity Strategy Priority Targets
DBCA-Managed Vegetation
Class 1 - Lowest Value
Class 2 - Low Value
Class 3 - Mid Value
Class 4 - High Value
Class 5 - Highest Value
Limitations of Use
ECOTONES
& ASSOCIATES
Ecotones & Associates -
Modelling and Spatial
Analysis

Appendix 2: List of flora in the Shire of West Arthur

Accepted name	Conservation code	EPBC Act listing	Family	Native/introduced /feral
Adenanthos pungens subsp. effusus E.C.Nelson	CR	EN	Proteaceae	native
Commersonia erythrogyna C.F.Wilkins	CR	EN	Malvaceae	native
Conostylis setigera subsp. dasys Hopper	CR	CR	Haemodoraceae	native
Drakaea confluens Hopper & A.P.Br.	CR	EN	Orchidaceae	native
Hemigenia ramosissima Benth.	CR	CR	Lamiaceae	native
Banksia oligantha A.S.George	EN	EN	Proteaceae	native
Caladenia bryceana R.S.Rogers subsp. bryceana	EN	EN	Orchidaceae	native
Caladenia dorrienii Domin	EN	EN	Orchidaceae	native
Caladenia leucochila A.P.Br., R.D.Phillips & G.Brockman	EN	EN	Orchidaceae	native
Calectasia pignattiana K.W.Dixon & R.L.Barrett	EN	VU	Dasypogonaceae	native
Conostylis drummondii Benth.	EN	EN	Haemodoraceae	native
Grevillea elongata Olde & Marriott	EN		Proteaceae	native
Jacksonia velveta Chappill	EN	EN	Fabaceae	native
Thelymitra stellata Lindl.	EN	EN	Orchidaceae	native
Diuris micrantha D.L.Jones	VU	VU	Orchidaceae	native
Eleocharis keigheryi K.L.Wilson	VU	VU	Cyperaceae	native
Tribonanthes purpurea T.Macfarlane & Hopper	VU	VU	Haemodoraceae	native
Verticordia carinata Turcz.	VU	VU	Myrtaceae	native
Verticordia fimbrilepis Turcz. subsp. fimbrilepis	VU	EN	Myrtaceae	native
Banksia sp. Boyup Brook (L.W. Sage LWS 2366)	P1		Proteaceae	native
Caladenia caesarea subsp. transiens Hopper & A.P.Br.	P1		Orchidaceae	native
Caladenia validinervia A.P.Br. & G.Brockman	P1		Orchidaceae	native
Calandrinia uncinella Obbens	P1			native
Calochilus sp. Boyup Brook (E. Chapman s.n. 12/10/2002)	P1		Orchidaceae	native
Hemigenia rigida Benth.	P1		Lamiaceae	native
Leucopogon ozothamnoides Benth.	P1		Ericaceae	native
Pauridia sp. Beaufort (V. Crowley DKN 629)	P1		Hypoxidaceae	native
Schoenus sp. Beaufort (G.J. Keighery 6291)	P1		Cyperaceae	native
Synaphea trinacriformis R.Butcher	P1		Proteaceae	native
Tetratheca applanata R.Butcher	P1		Elaeocarpaceae	native
Thomasia dielsii E.Pritz.	P1		Malvaceae	native
Thomasia julietiae K.A.Sheph. & C.F.Wilkins	P1		Malvaceae	native
Actinotus whicheranus Keighery	P2		Apiaceae	native
Andersonia carinata L.Watson	P2		Ericaceae	native
Banksia acanthopoda (A.S.George) A.R.Mast & K.R.Thiele	P2		Proteaceae	native
Calectasia grandiflora L.Preiss	P2		Dasypogonaceae	native
Daviesia mesophylla Ewart	P2		Fabaceae	native
Grevillea crowleyae Olde & Marriott	P2		Proteaceae	native
Grevillea sp. Duranillin (E.F. Shedley 180)	P2		Proteaceae	native
Lambertia orbifolia subsp. pecuniosa A.D.Webb, L.T.Monks & Wege	P2		Proteaceae	native
Leucopogon extremus Hislop & Puente-Lel.	P2		Ericaceae	native
Leucopogon subsejunctus Hislop	P2		Ericaceae	native
Logania sylvicola Cranfield, Hislop & T.Macfarlane	P2		Loganiaceae	native
Montia australasica (Hook.f.) Pax & K.Hoffm.	P2			native
Sphaerolobium benetectum R.Butcher	P2		Fabaceae	native
Stylidium coatesianum Lowrie & Carlquist	P2		Stylidiaceae	native
Stylidium squamellosum DC.	P2		Stylidiaceae	native
Stylidium tylosum Lowrie & Kenneally	P2		Stylidiaceae	native
Styphelia cymbiformis (DC.) F.Muell.	P2		Ericaceae	native
Styphelia sp. Wandoo (F. & J. Hort 2441)	P2		Ericaceae	native
Thysanotus brevifolius Brittan	P2		Asparagaceae	native
Acacia ataxiphylla Benth. subsp. ataxiphylla	P3		Fabaceae	native
Acacia ataxiphylla subsp. ataxiphylla Benth.	P3		Fabaceae	native
Acacia brachyphylla var. recurvata R.S.Cowan & Maslin	P3		Fabaceae	native
Adenanthos cygnorum subsp. chamaephyton E.C.Nelson	P3		Proteaceae	native
Angianthus drummondii (Turcz.) Benth.	P3		Asteraceae	native
Banksia subpinnatifida var. imberbis (A.S.George) A.R.Mast & K.R.Thiele	P3		Proteaceae	native
Blennospora doliiformis Keighery	P3		Asteraceae	native
Bossiaea lalagoides F.Muell.	P3		Fabaceae	native
Calectasia obtusa R.L.Barrett & K.W.Dixon	P3		Dasypogonaceae	native
Calytrix pulchella (Turcz.) B.D.Jacks.	P3		Myrtaceae	native
Cryptandra beverleyensis Rye	P3		Rhamnaceae	native

Cyathochaeta teretifolia W.Fitzg.	P3		Cyperaceae	native
Daviesia implexa (Crisp) Crisp	P3		Fabaceae	native
Daviesia uncinata Crisp	P3		Fabaceae	native
Eryngium sp. Ferox (G.J. Keighery 16034)	P3		Apiaceae	native
Eutaxia nanophylla Chappill & C.F.Wilkins	P3		Fabaceae	native
Grevillea dissectifolia (McGill.) Olde	P3		Proteaceae	native
Meionectes tenuifolia (Benth.) M.L.Moody & Les	P3		Haloragaceae	native
Melaleuca pritzelii (Domin) Barlow	P3		Myrtaceae	native
Schoenus sp. Waroona (G.J. Keighery 12235)	P3		Cyperaceae	native
Stylidium exappendiculatum (Lowrie & Carlquist) Wege	P3		Stylidiaceae	native
Stylidium lepidum Benth.	P3		Stylidiaceae	native
Stylidium pseudohirsutum Mildbr.	P3		Stylidiaceae	native
Stylidium rhipidium F.L.Erickson & J.H.Willis	P3		Stylidiaceae	native
Stylidium rubricalyx F.L.Erickson & J.H.Willis	P3		Stylidiaceae	native
Synaphea brachyceras R.Butcher	P3		Proteaceae	native
Synaphea decumbens A.S.George	P3		Proteaceae	native
Synaphea hians A.S.George	P3		Proteaceae	native
Synaphea petiolaris subsp. simplex A.S.George	P3		Proteaceae	native
Tetratheca exasperata R.Butcher	P3		Elaeocarpaceae	native
Tetratheca retrorsa Joy Thomps.	P3		Elaeocarpaceae	native
Thysanotus cymosus Brittan	P3		Asparagaceae	native
Thysanotus unicupensis Sirisena, T.Macfarlane & Conran	P3		Asparagaceae	native
Verticordia huegelii var. tridens A.S.George	P3		Myrtaceae	native
Acacia cuneifolia Maslin	P4		Fabaceae	native
Acacia semitrullata Maslin	P4		Fabaceae	native
Banksia acuminata A.R.Mast & K.R.Thiele	P4		Proteaceae	native
Banksia meisneri subsp. ascendens (A.S.George) A.S.George	P4		Proteaceae	native
Banksia porrecta (A.S.George) A.R.Mast & K.R.Thiele	P4		Proteaceae	native
Caladenia x triangularis R.S.Rogers	P4		Orchidaceae	native
Calothamnus graniticus subsp. leptophyllus (Benth.) Hawkeswood	P4		Myrtaceae	native
Cyanothamnus tenuis Lindl.	P4		Rutaceae	native
Darwinia thymoides subsp. St Ronans (J.J. Alford & G.J. Keighery 64)	P4		Myrtaceae	native
Eucalyptus rudis subsp. cratyantha Brooker & Hopper	P4		Myrtaceae	native
Gastrolobium tomentosum C.A.Gardner	P4		Fabaceae	native
Lasiopetalum cardiophyllum Paust	P4		Malvaceae	native
Ornduffia submersa (Aston) Tippery & Les	P4		Menyanthaceae	native
Persoonia sulcata Meisn.	P4		Proteaceae	native
Pultenaea skinneri F.Muell.	P4		Fabaceae	native
Regelia cymbifolia (Diels) C.A.Gardner	P4		Myrtaceae	native
Schoenus natans (F.Muell.) Benth.	P4		Cyperaceae	native
Stylidium expeditionis Carlquist	P4		Stylidiaceae	native
Stylidium longitubum Benth.	P4		Stylidiaceae	native
Xanthorrhoea brevistyla D.A.Herb.	P4		Xanthorrhoeaceae	native
Isopogon buxifolius R.Br.	Parent of conservation listed taxa		Proteaceae	native
Banksia subpinnatifida (C.A.Gardner) A.R.Mast & K.R.Thiele	SPLIT		Proteaceae	native
Lambertia orbifolia C.A.Gardner	SPLIT		Proteaceae	native
Acacia acuminata Benth.			Fabaceae	mixed
Acacia applanata Maslin			Fabaceae	native
Acacia bidentata Benth.			Fabaceae	native
Acacia browniana H.L.Wendl.			Fabaceae	native
Acacia browniana var. endlicheri (Meisn.) Maslin			Fabaceae	native
Acacia browniana var. intermedia (E.Pritz.) Maslin			Fabaceae	native
Acacia celastrifolia Benth.			Fabaceae	mixed
Acacia chrysocephala Maslin			Fabaceae	native
Acacia extensa Lindl.			Fabaceae	native
Acacia glaucoptera Benth.			Fabaceae	native
Acacia huegelii Benth.			Fabaceae	native
Acacia incurva Benth.			Fabaceae	native
Acacia insolita subsp. insolita E.Pritz.			Fabaceae	native
Acacia lasiocarpa Benth.			Fabaceae	mixed
Acacia lasiocarpa var. bracteolata Maslin			Fabaceae	native
Acacia lasiocarpa var. sedifolia (Meisn.) Maslin			Fabaceae	native
Acacia leptopetala Benth.			Fabaceae	native
Acacia lullfitziorum Maslin			Fabaceae	native
Acacia microbotrya Benth.			Fabaceae	mixed
Acacia Mill.			Fabaceae	
Acacia multispicata Benth.			Fabaceae	native
Acacia myrtifolia (Sm.) Willd.			Fabaceae	native
Acacia neorigida I.M.Turner			Fabaceae	native
Acacia nervosa DC.			Fabaceae	native

Acacia paradoxa DC.			Fabaceae	alien
Acacia preissiana (Meisn.) Maslin			Fabaceae	native
Acacia pulchella R.Br.			Fabaceae	mixed
Acacia pulchella var. glaberrima Meisn.			Fabaceae	native
Acacia pulchella var. goadbyi (Domin) Maslin			Fabaceae	native
Acacia pulviniformis Maiden & Blakely			Fabaceae	native
Acacia pycnantha Benth.			Fabaceae	alien
Acacia pycnocephala Maslin			Fabaceae	native
Acacia restiacea Benth.			Fabaceae	native
Acacia saligna (Labill.) H.L.Wendl.			Fabaceae	native
Acacia saligna subsp. Southern forest (B.R. Maslin & J.E. Reid BRM 9952)			Fabaceae	native
Acacia saligna subsp. Tweed River (B.R. Maslin 8596)			Fabaceae	native
Acacia saligna subsp. Wheatbelt (B.R. Maslin 8602)			Fabaceae	native
Acacia squamata Lindl.			Fabaceae	native
Acacia stenoptera Benth.			Fabaceae	native
Acacia sulcata R.Br.			Fabaceae	native
Acacia sulcata var. platyphylla Maiden & Blakely			Fabaceae	native
Acacia thieleana Maslin			Fabaceae	native
Acacia tratmaniana W.Fitzg.			Fabaceae	native
Acacia varia var. crassinervis Maslin			Fabaceae	native
Acacia varia var. varia Maslin			Fabaceae	native
Acacia viscifolia Maiden & Blakely			Fabaceae	native
Acacia willdenowiana H.L.Wendl.			Fabaceae	native
Acaena echinata Nees			Rosaceae	native
Actinodium cunninghamii Schauer			Myrtaceae	native
Actinotus glomeratus Benth.			Apiaceae	native
Adenanthos cygnorum subsp. cygnorum Diels			Proteaceae	native
Adenanthos meisneri Lehm.			Proteaceae	native
Adenanthos obovatus Labill.			Proteaceae	native
Agrostocrinum F.Muell.			Hemerocallidaceae	
Agrostocrinum hirsutum (Lindl.) Keighery			Hemerocallidaceae	native
Aira caryophyllea L.			Poaceae	alien
Aira cupaniana Guss.			Poaceae	alien
Aira L.			Poaceae	
Allium L.			Alliaceae	
Allocasuarina fraseriana (Miq.) L.A.S.Johnson			Casuarinaceae	native
Allocasuarina huegeliana (Miq.) L.A.S.Johnson			Casuarinaceae	mixed
Allocasuarina humilis (Otto & A.Dietr.) L.A.S.Johnson			Casuarinaceae	native
Allocasuarina L.A.S.Johnson			Casuarinaceae	
Allocasuarina microstachya (Miq.) L.A.S.Johnson			Casuarinaceae	native
Allocasuarina thuyoides (Miq.) L.A.S.Johnson			Casuarinaceae	native
Althenia cylindrocarpa (MÃ¼ll.Berol.) Asch.			Potamogetonaceae	native
Althenia patentifolia (E.L.Robertson) T.Macfarlane & D.D.Sokoloff			Potamogetonaceae	native
Alyogyne huegelii (Endl.) Fryxell			Malvaceae	native
Alyogyne sp. Hutt River (B.J. Lepschi & T.R. Lally 2310)			Malvaceae	native
Amaranthus albus L.			Amaranthaceae	alien
Amphibromus nervosus (Hook.f.) Baill.			Poaceae	native
Amphipogon amphipogonoides (Steud.) Vickery			Poaceae	native
Amphipogon debilis R.Br.			Poaceae	native
Amphipogon strictus R.Br.			Poaceae	native
Amphipogon turbinatus R.Br.			Poaceae	native
Amyema miquelii (Miq.) Tiegh.			Loranthaceae	native
Amyema preissii (Miq.) Tiegh.			Loranthaceae	native
Anarthria humilis Nees			Anarthriaceae	native
Anarthria laevis R.Br.			Anarthriaceae	native
Andersonia aristata Lindl.			Ericaceae	native
Andersonia brevifolia Sond.			Ericaceae	native
Andersonia caerulea R.Br.			Ericaceae	native
Andersonia caerulea subsp. Concinna (F. Hort 2144)			Ericaceae	native
Andersonia lehmanniana subsp. lehmanniana Sond.			Ericaceae	native
Andersonia R.Br.			Ericaceae	
Andersonia sp. Nymphaea (K.L. Lemson KLL 215)			Ericaceae	native
Androcalva cuneata (Turcz.) C.F.Wilkins & Whitlock			Malvaceae	native
Angianthus preissianus (Steetz) Benth.			Asteraceae	native
Anigozanthos bicolor Endl.			Haemodoraceae	native
Anigozanthos bicolor subsp. decrescens Hopper			Haemodoraceae	native
Anigozanthos humilis Lindl.			Haemodoraceae	native
Anigozanthos humilis subsp. humilis Lindl.			Haemodoraceae	native
Anigozanthos Labill.			Haemodoraceae	
Anigozanthos manglesii D.Don			Haemodoraceae	native
Anthotium junciforme (de Vriese) D.A.Morrison			Goodeniaceae	native
Aotus gracillima Meisn.			Fabaceae	native
Apatelantha albicans (Hook.) T.C.Wilson & Henwood			Lamiaceae	native
Aphelia brizula F.Muell.			Centrolepidaceae	native

Aphelia cyperoides R.Br.			Centrolepidaceae	native
Aphelia drummondii (Hieron.) Benth.			Centrolepidaceae	native
Aphelia nutans Benth.			Centrolepidaceae	native
Apium annuum P.S.Short			Apiaceae	native
Arctotheca calendula (L.) K.Lewin			Asteraceae	alien
Argentipallium niveum (Steetz) Paul G.Wilson			Asteraceae	native
Arthropodium curvipes S.Moore			Asparagaceae	native
Astartea DC.			Myrtaceae	
Astartea glomerulosa Schauer			Myrtaceae	native
Astartea scoparia Schauer			Myrtaceae	native
Astartea zephyra Rye & Trudgen			Myrtaceae	native
Asteridea nivea (Steetz) Kroner			Asteraceae	native
Asteridea pulverulenta Lindl.			Asteraceae	native
Asterolasia squamuligera (Hook.) Benth.			Rutaceae	native
Atriplex exilifolia F.Muell.			Chenopodiaceae	native
Atriplex prostrata DC.			Chenopodiaceae	alien
Atriplex semibaccata R.Br.			Chenopodiaceae	mixed
Austrostipa campylachne (Nees) S.W.L.Jacobs & J.Everett			Poaceae	native
Austrostipa compressa (R.Br.) S.W.L.Jacobs & J.Everett			Poaceae	native
Austrostipa elegantissima (Labill.) S.W.L.Jacobs & J.Everett			Poaceae	native
Austrostipa hemipogon (Benth.) S.W.L.Jacobs & J.Everett			Poaceae	native
Austrostipa juncifolia (Hughes) S.W.L.Jacobs & J.Everett			Poaceae	native
Austrostipa mollis (R.Br.) S.W.L.Jacobs & J.Everett			Poaceae	native
Austrostipa pycnostachya (Benth.) S.W.L.Jacobs & J.Everett			Poaceae	native
Austrostipa S.W.L.Jacobs & J.Everett			Poaceae	
Austrostipa tenuifolia (Steud.) S.W.L.Jacobs & J.Everett			Poaceae	mixed
Austrostipa trichophylla (Benth.) S.W.L.Jacobs & J.Everett			Poaceae	native
Austrostipa variabilis (Hughes) S.W.L.Jacobs & J.Everett			Poaceae	native
Avellinia festucoides (Link) Valdes & H.Scholz			Poaceae	alien
Avena barbata Link			Poaceae	alien
Avena sativa L.			Poaceae	alien
Babiana angustifolia Sweet			Iridaceae	alien
Babingtonia camphorosmae (Endl.) Lindl.			Myrtaceae	native
Banksia armata (R.Br.) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia attenuata R.Br.			Proteaceae	native
Banksia bipinnatifida (R.Br.) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia dallanneyi A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia dallanneyi subsp. sylvestris (A.S.George) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia dallanneyi var. mellicula			Proteaceae	
Banksia fraseri var. fraseri (R.Br.) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia grandis Willd.			Proteaceae	native
Banksia littoralis R.Br.			Proteaceae	native
Banksia meisneri Lehm.			Proteaceae	native
Banksia meisneri Lehm. subsp. meisneri			Proteaceae	native
Banksia meisneri subsp. meisneri Lehm.			Proteaceae	native
Banksia nivea Labill. subsp. nivea			Proteaceae	native
Banksia nivea subsp. nivea Labill.			Proteaceae	native
Banksia nobilis subsp. nobilis (Lindl.) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia obovata A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia occidentalis R.Br.			Proteaceae	native
Banksia prionotes Lindl.			Proteaceae	native
Banksia proteoides (Lindl.) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia sessilis (Knight) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia sessilis var. sessilis (Knight) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia sphaerocarpa R.Br.			Proteaceae	native
Banksia sphaerocarpa var. sphaerocarpa R.Br.			Proteaceae	native
Banksia squarrosa subsp. squarrosa (R.Br.) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia stuposa (Lindl.) A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia tenuis A.R.Mast & K.R.Thiele			Proteaceae	native
Banksia tenuis var. reptans (A.S.George) A.R.Mast & K.R.Thiele			Proteaceae	native
Barbula calycina SchwÂ¤gr.			Pottiaceae	native
Bellardia viscosa (L.) Fisch. & C.A.Mey.			Orobanchaceae	alien
Billardiera fraseri (Hook.) L.Cayzer, Crisp & I.Telford			Pittosporaceae	native

Billardiera fusiformis Labill.			Pittosporaceae	native
Billardiera laxiflora (Benth.) E.M.Benn.			Pittosporaceae	native
Billardiera lehmanniana F.Muell.			Pittosporaceae	native
Billardiera variifolia DC.			Pittosporaceae	native
Blennospora drummondii A.Gray			Asteraceae	native
Blennospora phlegmatocarpa (Diels) P.S.Short			Asteraceae	native
Boronia capitata subsp. clavata Paul G.Wilson			Rutaceae	native
Boronia crenulata Sm.			Rutaceae	native
Boronia crenulata subsp. crenulata Sm.			Rutaceae	native
Boronia crenulata subsp. pubescens (Benth.) Paul G.Wilson			Rutaceae	native
Boronia crenulata subsp. viminea (Lindl.) Paul G.Wilson			Rutaceae	native
Boronia fastigiata Bartl.			Rutaceae	native
Boronia juncea Bartl.			Rutaceae	native
Boronia nematophylla F.Muell.			Rutaceae	native
Boronia spathulata Lindl.			Rutaceae	native
Borya laciniata Churchill			Boryaceae	native
Borya scirpoidea Lindl.			Boryaceae	native
Borya sphaerocephala R.Br.			Boryaceae	native
Bossiaea eriocarpa Benth.			Fabaceae	native
Bossiaea linophylla R.Br.			Fabaceae	native
Bossiaea ornata (Lindl.) Benth.			Fabaceae	native
Bossiaea praetermissa J.H.Ross			Fabaceae	native
Bossiaea spinescens Meisn.			Fabaceae	native
Brachyscome Cass.			Asteraceae	
Brachyscome ciliaris (Labill.) Less.			Asteraceae	native
Brachyscome glandulosa (Steetz) Benth.			Asteraceae	native
Brachyscome iberidifolia Benth.			Asteraceae	native
Brachyscome pusilla Steetz			Asteraceae	native
Briza maxima L.			Poaceae	alien
Briza maxima L.			Poaceae	alien
Briza minor L.			Poaceae	alien
Briza minor L.			Poaceae	alien
Bromus diandrus Roth			Poaceae	alien
Bromus hordeaceus L.			Poaceae	alien
Bromus hordeaceus L.			Poaceae	alien
Bromus rubens L.			Poaceae	alien
Bromus rubens L.			Poaceae	alien
Bulbine semibarbata (R.Br.) Haw.			Asphodelaceae	native
Burchardia monantha Domin			Colchicaceae	native
Burchardia multiflora Lindl.			Colchicaceae	native
Caesia micrantha Lindl.			Hemerocallidaceae	native
Caesia sp. Wongan (K.F. Kenneally 8820)			Hemerocallidaceae	native
Caladenia barbarossa Rchb.f.			Orchidaceae	native
Caladenia cairnsiana F.Muell.			Orchidaceae	native
Caladenia chapmanii Hopper & A.P.Br.			Orchidaceae	native
Caladenia discoidea Lindl.			Orchidaceae	native
Caladenia falcata (Nicholls) M.A.Clem. & Hopper			Orchidaceae	native
Caladenia filifera Lindl.			Orchidaceae	native
Caladenia flava R.Br.			Orchidaceae	native
Caladenia flava subsp. sylvestris Hopper & A.P.Br.			Orchidaceae	native
Caladenia footeana Hopper & A.P.Br.			Orchidaceae	native
Caladenia hirta Lindl.				
Caladenia hirta subsp. rosea Hopper & A.P.Br.			Orchidaceae	native
Caladenia longicauda Lindl.			Orchidaceae	native
Caladenia longicauda subsp. eminens (Domin) Hopper & A.P.Br.			Orchidaceae	native
Caladenia longicauda subsp. redacta Hopper & A.P.Br.			Orchidaceae	native
Caladenia longiclavata E.Coleman			Orchidaceae	native
Caladenia macrostylis Fitzg.			Orchidaceae	native
Caladenia marginata Lindl.			Orchidaceae	native
Caladenia pectinata R.S.Rogers			Orchidaceae	native
Caladenia polychroma Hopper & A.P.Br.			Orchidaceae	native
Caladenia pulchra Hopper & A.P.Br.			Orchidaceae	native
Caladenia R.Br.			Orchidaceae	
Caladenia radiata Nicholls			Orchidaceae	native
Caladenia reptans Lindl.			Orchidaceae	native
Caladenia serotina Hopper & A.P.Br.			Orchidaceae	native
Caladenia straminichila A.P.Br. & G.Brockman			Orchidaceae	native
Caladenia uliginosa subsp. candicans Hopper & A.P.Br.			Orchidaceae	native
Caladenia uliginosa subsp. uliginosa A.S.George			Orchidaceae	native
Caladenia x eludens Hopper & A.P.Br.			Orchidaceae	native
Caladenia x exserta Hopper & A.P.Br.			Orchidaceae	native
Caladenia xantha Hopper & A.P.Br.			Orchidaceae	native
Calandrinia calyptrata Hook.f.				native
Calandrinia granulifera Benth.				native

Calectasia valida R.L.Barrett			Dasypogonaceae	native
Callistachys lanceolata Vent.			Fabaceae	native
Callistemon glaucus Sweet			Myrtaceae	native
Callistemon phoeniceus Lindl.			Myrtaceae	mixed
Callitris pyramidalis (Miq.) J.E.Piggin & J.J.Bruhl			Cupressaceae	mixed
Calothamnus huegelii Schauer			Myrtaceae	native
Calothamnus lateralis Lindl.			Myrtaceae	native
Calothamnus lehmannii Schauer			Myrtaceae	native
Calothamnus planifolius Lehm.			Myrtaceae	native
Calothamnus planifolius var. planifolius Lehm.			Myrtaceae	native
Calothamnus preissii Schauer			Myrtaceae	native
Calothamnus quadrifidus R.Br.			Myrtaceae	mixed
Calothamnus quadrifidus subsp. quadrifidus R.Br.			Myrtaceae	mixed
Calothamnus sanguineus Labill.			Myrtaceae	native
Calytrix angulata Lindl.			Myrtaceae	native
Calytrix cravenii Nge & K.R.Thiele			Myrtaceae	native
Calytrix flavescens A.Cunn.			Myrtaceae	native
Calytrix leschenaultii (Schauer) Benth.			Myrtaceae	native
Calytrix tenuiramea (Turcz.) Benth.			Myrtaceae	native
Campylopus bicolor (MÃ¼ll.Hal.) Wilson			Dicranaceae	native
Campylopus Brid.			Dicranaceae	
Campylopus introflexus (Hedw.) Brid.			Dicranaceae	alien
Cassytha glabella R.Br.			Lauraceae	native
Cassytha racemosa Nees			Lauraceae	native
Casuarina obesa Miq.			Casuarinaceae	native
Caustis dioica R.Br.			Cyperaceae	native
Caustis pentandra R.Br.			Cyperaceae	native
Caustis R.Br.			Cyperaceae	
Centaurea melitensis L.			Asteraceae	alien
Centaurium erythraea Rafn			Gentianaceae	alien
Centipeda cunninghamii (DC.) A.Braun & Asch.			Asteraceae	native
Centrolepis aristata (R.Br.) Poir.			Centrolepidaceae	native
Centrolepis drummondiana (Nees) Walp.			Centrolepidaceae	native
Centrolepis glabra (Sond.) Hieron.			Centrolepidaceae	native
Centrolepis pilosa Hieron.			Centrolepidaceae	native
Centrolepis polygyna (R.Br.) Hieron.			Centrolepidaceae	native
Cephaloziella exiliflora (Taylor) Douin			Cephaloziellaceae	native
Cerastium comatum Desv.			Caryophyllaceae	alien
Cerastium glomeratum Thuill.			Caryophyllaceae	alien
Chaetanthus aristatus (R.Br.) B.G.Briggs & L.A.S.Johnson			Restionaceae	native
Chaetanthus leptocarpoides R.Br.			Restionaceae	native
Chaetophyllopsis whiteleggei (Carrington & Pearson) R.M.Schust			Scapaniaceae	native
Chaetospora curvifolia R.Br.			Cyperaceae	native
Chamaescilla Benth.			Hemerocallidaceae	
Chamaescilla corymbosa (R.Br.) Benth.			Hemerocallidaceae	native
Chamaescilla corymbosa var. corymbosa (R.Br.) Benth.			Hemerocallidaceae	native
Chamaescilla spiralis (Endl.) Benth.			Hemerocallidaceae	native
Chamaescilla versicolor (Lindl.) Ostenf.			Hemerocallidaceae	native
Chamaexeros serra (Endl.) Benth.			Asparagaceae	native
Chamelaucium ciliatum Desf.			Myrtaceae	native
Chasmanthe floribunda (Salisb.) N.E.Br.			Iridaceae	alien
Cheilanthes austrotenuifolia H.M.Quirk & T.C.Chambers			Pteridaceae	native
Cheilanthes distans (R.Br.) Mett.			Pteridaceae	native
Chenopodium glaucum L.			Chenopodiaceae	alien
Chiloscyphus semiteres var. semiteres (Lehm. & Lindenb.) Lehm. & Lindenb.			Lophocoleaceae	
Chloanthes coccinea Bartl.			Lamiaceae	native
Chloris truncata R.Br.			Poaceae	native
Choretrum glomeratum R.Br.			Santalaceae	native
Choretrum lateriflorum R.Br.			Santalaceae	native
Chorizandra enodis Nees			Cyperaceae	native
Chorizandra multiarticulata Nees			Cyperaceae	native
Chorizema aciculare (DC.) C.A.Gardner			Fabaceae	native
Chorizema aciculare subsp. laxum J.M.Taylor & Crisp			Fabaceae	native
Chorizema cordatum Lindl.			Fabaceae	native
Chorizema dicksonii Graham			Fabaceae	native
Chorizema glycinifolium (Sm.) Druce			Fabaceae	native
Chorizema rhombeum R.Br.			Fabaceae	native
Chrysanthemoides monilifera subsp. monilifera (L.) Norl.			Asteraceae	alien
Chrysocephalum apiculatum (Labill.) Steetz			Asteraceae	native
Chrysocephalum semipapposum (Labill.) Steetz			Asteraceae	native
Chrysocephalum semipapposum subsp. occidentale (Benth.) Paul G.Wilson			Asteraceae	native

Cicendia filiformis (L.) Delarbre			Gentianaceae	alien
Cicendia filiformis (L.) Delarbre			Gentianaceae	alien
Cicendia quadrangularis (Lam.) Griseb.			Gentianaceae	alien
Comesperma calymega Labill.			Polygalaceae	native
Comesperma confertum Labill.			Polygalaceae	native
Comesperma integerrimum Endl.			Polygalaceae	native
Comesperma Labill.			Polygalaceae	
Comesperma polygaloides F.Muell.			Polygalaceae	native
Comesperma virgatum Labill.			Polygalaceae	native
Comesperma volubile Labill.			Polygalaceae	native
Commersonia parviflora (Endl.) F.Muell.			Malvaceae	native
Conospermum caeruleum R.Br.			Proteaceae	native
Conospermum caeruleum subsp. spathulatum (Benth.) E.M.Benn.			Proteaceae	native
Conospermum capitatum R.Br.			Proteaceae	native
Conospermum capitatum subsp. glabratum E.M.Benn.			Proteaceae	native
Conospermum croniniae Diels			Proteaceae	native
Conospermum filifolium Meisn.			Proteaceae	native
Conospermum flexuosum subsp. laevigatum (Meisn.) E.M.Benn.			Proteaceae	native
Conospermum paniculatum E.M.Benn.			Proteaceae	native
Conospermum triplinervium R.Br.			Proteaceae	native
Conostylis aculeata R.Br.			Haemodoraceae	native
Conostylis aculeata subsp. aculeata R.Br.			Haemodoraceae	native
Conostylis aculeata subsp. bromelioides (Endl.) J.W.Green			Haemodoraceae	native
Conostylis pusilla Endl.			Haemodoraceae	native
Conostylis serrulata R.Br.			Haemodoraceae	native
Conostylis setigera R.Br.			Haemodoraceae	native
Conostylis setigera subsp. setigera R.Br.			Haemodoraceae	native
Conostylis villosa Benth.			Haemodoraceae	native
Convolvulus angustissimus subsp. angustissimus R.Br.			Convolvulaceae	native
Convolvulus remotus R.Br.			Convolvulaceae	native
Corymbia calophylla (Lindl.) K.D.Hill & L.A.S.Johnson			Myrtaceae	native
Corynotheca elongata (R.J.F.Hend.) R.L.Barrett & T.Macfarlane			Hemerocallidaceae	native
Corynotheca micrantha (Lindl.) Druce			Hemerocallidaceae	native
Cotula bipinnata Thunb.			Asteraceae	alien
Cotula coronopifolia L.			Asteraceae	alien
Cotula coronopifolia L.			Asteraceae	alien
Cotula cotuloides (Steetz) Druce			Asteraceae	native
Craspedia variabilis J.Everett & Doust			Asteraceae	native
Crassula closiana (Gay) Reiche			Crassulaceae	native
Crassula colorata (Nees) Ostenf.			Crassulaceae	native
Crassula decumbens var. decumbens Thunb.			Crassulaceae	native
Crassula extrorsa Toelken			Crassulaceae	native
Crassula natans Thunb.			Crassulaceae	alien
Crassula natans var. minor (Eckl. & Zeyh.) G.D.Rowley			Crassulaceae	alien
Crassula sieberiana (Schult. & Schult.f.) Druce			Crassulaceae	native
Cryptandra arbutiflora Fenzl			Rhamnaceae	native
Cryptandra arbutiflora var. arbutiflora Fenzl			Rhamnaceae	native
Cryptandra myriantha Diels			Rhamnaceae	native
Cryptandra nutans Steud.			Rhamnaceae	native
Cryptandra pungens Steud.			Rhamnaceae	native
Cryptandra spyridioides F.Muell.			Rhamnaceae	native
Cryptostylis ovata R.Br.			Orchidaceae	native
Cyanicula gemmata (Lindl.) Hopper & A.P.Br.			Orchidaceae	native
Cyanicula sericea (Lindl.) Hopper & A.P.Br.			Orchidaceae	native
Cyanothamnus bussellianus (F.Muell.) Duretto & Heslewood			Rutaceae	native
Cyanothamnus Lindl.			Rutaceae	
Cyanothamnus ramosus subsp. anethifolius (Bartl.) Duretto & Heslewood			Rutaceae	native
Cyanothamnus subsessilis (Benth.) Duretto & Heslewood			Rutaceae	native
Cyathochaeta avenacea (R.Br.) Benth.			Cyperaceae	native
Cycnogeton lineare (Endl.) Sond.			Juncaginaceae	native
Cymbopogon obtectus S.T.Blake			Poaceae	native
Cyperus polystachyos Rottb.			Cyperaceae	mixed
Cyperus tenellus L.f.			Cyperaceae	alien
Cyrtostylis huegelii Endl.			Orchidaceae	native
Cyrtostylis R.Br.			Orchidaceae	
Cyrtostylis robusta D.L.Jones & M.A.Clem.			Orchidaceae	native
Cyrtostylis tenuissima (Nicholls & Goadby) D.L.Jones & M.A.Clem.			Orchidaceae	native
Cytogonidium leptocarpoides (Benth.) B.G.Briggs & L.A.S.Johnson			Restionaceae	native
Dampiera alata Lindl.			Goodeniaceae	native

Dampiera diversifolia de Vriese			Goodeniaceae	native
Dampiera fasciculata R.Br.			Goodeniaceae	native
Dampiera haematotricha subsp. haematotricha de Vriese			Goodeniaceae	native
Dampiera lavandulacea Lindl.			Goodeniaceae	native
Dampiera lindleyi de Vriese			Goodeniaceae	native
Dampiera linearis R.Br.			Goodeniaceae	native
Dampiera pedunculata Rajput & Carolin			Goodeniaceae	native
Dampiera R.Br.			Goodeniaceae	
Dampiera sacculata Benth.			Goodeniaceae	native
Darwinia oederoides (Turcz.) Benth.			Myrtaceae	native
Darwinia Rudge			Myrtaceae	
Darwinia sp. Karonie (K. Newbey 8503)			Myrtaceae	native
Darwinia vestita (Endl.) Benth.			Myrtaceae	native
Daucus glochidiatus (Labill.) Fisch., C.A.Mey. & Ave-Lall.			Apiaceae	native
Daviesia articulata Crisp			Fabaceae	native
Daviesia cardiophylla F.Muell.			Fabaceae	native
Daviesia cordata Sm.			Fabaceae	native
Daviesia costata Cheel			Fabaceae	native
Daviesia decurrens Meisn.			Fabaceae	native
Daviesia decurrens subsp. decurrens Meisn.			Fabaceae	native
Daviesia decurrens subsp. hamata (Crisp) Crisp & G.Chandler			Fabaceae	native
Daviesia hakeoides subsp. subnuda (Benth.) Crisp			Fabaceae	native
Daviesia horrida Meisn.			Fabaceae	native
Daviesia incrassata Sm.			Fabaceae	native
Daviesia incrassata subsp. incrassata Sm.			Fabaceae	native
Daviesia longifolia Benth.			Fabaceae	native
Daviesia preissii Meisn.			Fabaceae	native
Daviesia rhombifolia Meisn.			Fabaceae	native
Daviesia scoparia Crisp			Fabaceae	native
Desmocladus asper (Nees) B.G.Briggs & L.A.S.Johnson			Restionaceae	native
Desmocladus fasciculatus (R.Br.) B.G.Briggs & L.A.S.Johnson			Restionaceae	native
Desmocladus lateriflorus (W.Fitzg.) B.G.Briggs			Restionaceae	native
Desmocladus laxiflorus (Steud.) B.G.Briggs			Restionaceae	native
Desmocladus myriocladus (Gilg) B.G.Briggs & L.A.S.Johnson			Restionaceae	native
Desmocladus quiricanus B.G.Briggs & L.A.S.Johnson			Restionaceae	native
Dianella brevicaulis (Ostenf.) G.W.Carr & P.F.Horsfall			Hemerocallidaceae	native
Dianella revoluta R.Br.			Hemerocallidaceae	native
Dianella revoluta var. divaricata (R.Br.) R.J.F.Hend.			Hemerocallidaceae	native
Dichelachne micrantha (Cav.) Domin			Poaceae	native
Dichopogon capillipes (Endl.) Brittan			Asparagaceae	native
Dichopogon fimbriatus (R.Br.) J.F.Macbr.			Asparagaceae	native
Dichopogon Kunth			Asparagaceae	
Dichopogon preissii (Endl.) Brittan			Asparagaceae	native
Dicrastylis corymbosa (Endl.) Munir			Lamiaceae	native
Dillwynia laxiflora Benth.			Fabaceae	native
Dillwynia Sm.			Fabaceae	
Dillwynia uncinata (Turcz.) J.M.Black			Fabaceae	native
Disa bracteata Sw.			Orchidaceae	alien
Ditrichum difficile (Duby) M.Fleisch.			Ditrichaceae	native
Diuris amplissima D.L.Jones			Orchidaceae	native
Diuris decrementum D.L.Jones & C.J.French			Orchidaceae	native
Diuris insignis D.L.Jones & C.J.French			Orchidaceae	native
Diuris laevis Fitzg.			Orchidaceae	native
Diuris laxiflora Lindl.			Orchidaceae	native
Diuris longifolia R.Br.			Orchidaceae	native
Diuris porphyrochila D.L.Jones & C.J.French			Orchidaceae	native
Diuris porrifolia Lindl.			Orchidaceae	native
Diuris setacea R.Br.			Orchidaceae	native
Diuris Sm.			Orchidaceae	
Dodonaea caespitosa Diels			Sapindaceae	native
Dodonaea ceratocarpa Endl.			Sapindaceae	native
Dodonaea divaricata Benth.			Sapindaceae	native
Dodonaea humifusa Miq.			Sapindaceae	native
Dodonaea pinifolia Miq.			Sapindaceae	native
Dodonaea viscosa subsp. angustissima (DC.) J.G.West			Sapindaceae	native
Dodonaea viscosa subsp. spatulata (Sm.) J.G.West			Sapindaceae	native
Drakaea glyptodon Fitzg.			Orchidaceae	native
Drakaea gracilis Hopper & A.P.Br.			Orchidaceae	native
Drakaea livida J.Drumm.			Orchidaceae	native
Drosera androsacea Diels			Droseraceae	native
Drosera barbigera Planch.			Droseraceae	native

Drosera collina (N.G.Marchant & Lowrie) Lowrie			Droseraceae	native
Drosera erythrorhiza Lindl.			Droseraceae	native
Drosera gigantea Lindl.			Droseraceae	native
Drosera glanduligera Lehm.			Droseraceae	native
Drosera indumenta Lowrie & Conran			Droseraceae	native
Drosera intricata Planch.			Droseraceae	native
Drosera L.			Droseraceae	
Drosera leucoblasta Benth.			Droseraceae	native
Drosera macrantha Endl.			Droseraceae	native
Drosera marchantii DeBuhr			Droseraceae	native
Drosera menziesii DC.			Droseraceae	native
Drosera microphylla Endl.			Droseraceae	native
Drosera neesii Lehm.			Droseraceae	native
Drosera pallida Lindl.			Droseraceae	native
Drosera pulchella Lehm.			Droseraceae	native
Drosera ramellosa Lehm.			Droseraceae	native
Drosera rosulata Lehm.			Droseraceae	native
Drosera scorpioides Planch.			Droseraceae	native
Drosera sp. Branched styles (S.C. Coffey 193)			Droseraceae	native
Drosera stolonifera Endl.			Droseraceae	native
Drosera subhirtella Planch.			Droseraceae	native
Eccremidium Wilson			Ditrichaceae	
Echium plantagineum L.			Boraginaceae	alien
Ehrharta longiflora Sm.			Poaceae	alien
Eleocharis acuta R.Br.			Cyperaceae	native
Eleocharis R.Br.			Cyperaceae	
Elythranthera brunonis (Endl.) A.S.George			Orchidaceae	native
Elythranthera emarginata (Lindl.) A.S.George			Orchidaceae	native
Epilobium hirtigerum A.Cunn.			Onagraceae	native
Eragrostis dielsii Pilg.			Poaceae	native
Eremaea pauciflora (Endl.) Druce			Myrtaceae	native
Eremophila drummondii F.Muell.			Scrophulariaceae	native
Eremophila glabra (R.Br.) Ostenf.			Scrophulariaceae	native
Eremophila lehmanniana (Lehm.) Chinnock			Scrophulariaceae	native
Eremophila reticulata Chinnock			Scrophulariaceae	native
Ericomyrtus parviflora (Turcz.) Rye			Myrtaceae	native
Ericomyrtus serpyllifolia (Turcz.) Rye			Myrtaceae	native
Ericomyrtus Turcz.			Myrtaceae	
Eriochilus dilatatus Lindl.			Orchidaceae	native
Eriochilus dilatatus subsp. brevifolius (Benth.) Hopper & A.P.Br.			Orchidaceae	native
Eriochilus helonomos Hopper & A.P.Br.			Orchidaceae	native
Erodium cygnorum Nees			Geraniaceae	native
Erymophyllum tenellum (Turcz.) Paul G.Wilson			Asteraceae	native
Eryngium pinnatifidum Bunge			Apiaceae	native
Eryngium pinnatifidum Bunge subsp. pinnatifidum			Apiaceae	native
Eucalyptus accedens W.Fitzg.			Myrtaceae	native
Eucalyptus albida Maiden & Blakely			Myrtaceae	native
Eucalyptus aspersa Brooker & Hopper			Myrtaceae	native
Eucalyptus astringens (Maiden) Maiden			Myrtaceae	native
Eucalyptus astringens subsp. astringens (Maiden) Maiden			Myrtaceae	native
Eucalyptus capillosa Brooker & Hopper			Myrtaceae	native
Eucalyptus conglobata subsp. perata Brooker & Slee			Myrtaceae	native
Eucalyptus decipiens Endl.			Myrtaceae	native
Eucalyptus densa Brooker & Hopper			Myrtaceae	native
Eucalyptus dorrienii Domin			Myrtaceae	native
Eucalyptus drummondii Benth.			Myrtaceae	native
Eucalyptus foecunda Schauer			Myrtaceae	native
Eucalyptus hebetifolia Brooker & Hopper			Myrtaceae	native
Eucalyptus incrassata Labill.			Myrtaceae	native
Eucalyptus latens Brooker			Myrtaceae	native
Eucalyptus loxophleba subsp. loxophleba Benth.			Myrtaceae	native
Eucalyptus marginata Sm.			Myrtaceae	native
Eucalyptus marginata subsp. marginata Sm.			Myrtaceae	native
Eucalyptus occidentalis Endl.			Myrtaceae	native
Eucalyptus orthostemon D.Nicolle & Brooker			Myrtaceae	native
Eucalyptus orthostemon x wandoo subsp. wandoo			Myrtaceae	
Eucalyptus pachyloma Benth.			Myrtaceae	native
Eucalyptus phenax subsp. phenax Brooker & Slee			Myrtaceae	native
Eucalyptus redunca subsp. pluricaulis (Brooker & Hopper) D.Nicolle & M.E.French			Myrtaceae	native
Eucalyptus rudis Endl.			Myrtaceae	native
Eucalyptus rudis subsp. rudis Endl.			Myrtaceae	native
Eucalyptus spathulata subsp. spathulata Hook.			Myrtaceae	native
Eucalyptus talyuberlup D.J.Carr & S.G.M.Carr			Myrtaceae	native

Eucalyptus vegrandis L.A.S.Johnson & K.D.Hill			Myrtaceae	native
Eucalyptus wandoo Blakely			Myrtaceae	native
Eucalyptus wandoo subsp. wandoo Blakely			Myrtaceae	native
Eucalyptus xanthonema Turcz.			Myrtaceae	native
Euchilopsis linearis (Benth.) F.Muell.			Fabaceae	native
Euphorbia philochalix Halford & W.K.Harris			Euphorbiaceae	native
Eutaxia parvifolia Benth.			Fabaceae	native
Eutaxia virgata Benth.			Fabaceae	native
Exocarpos sparteus R.Br.			Santalaceae	native
Ficinia marginata (Thunb.) Fourc.			Cyperaceae	
Fissidens curvatus Hornsch.			Fissidentaceae	native
Fissidens tenellus Hook.f. & Wilson			Fissidentaceae	native
Fossombronia Raddi			Fossombroniaceae	
Franklandia fucifolia R.Br.			Proteaceae	native
Fumaria capreolata L.			Papaveraceae	alien
Gahnia aristata (F.Muell.) Benth.			Cyperaceae	native
Gahnia decomposita (R.Br.) Benth.			Cyperaceae	native
Gahnia J.R.Forst. & G.Forst.			Cyperaceae	
Gahnia trifida Labill.			Cyperaceae	native
Galium murale (L.) All.			Rubiaceae	alien
Gastrolobium bilobum R.Br.			Fabaceae	native
Gastrolobium calycinum Benth.			Fabaceae	native
Gastrolobium capitatum (Benth.) G.Chandler & Crisp			Fabaceae	native
Gastrolobium dorrienii (Domin) G.Chandler & Crisp			Fabaceae	native
Gastrolobium ebracteolatum G.Chandler & Crisp			Fabaceae	native
Gastrolobium glabratum G.Chandler & Crisp			Fabaceae	native
Gastrolobium parviflorum (Benth.) Crisp			Fabaceae	native
Gastrolobium praemorsum (Meisn.) G.Chandler & Crisp			Fabaceae	native
Gastrolobium pusillum Crisp & P.H.Weston			Fabaceae	native
Gastrolobium reticulatum (Meisn.) Benth.			Fabaceae	native
Gastrolobium sericeum (Sm.) G.Chandler & Crisp			Fabaceae	native
Gastrolobium spinosum Benth.			Fabaceae	native
Gastrolobium trilobum Benth.			Fabaceae	native
Gastrolobium truncatum Benth.			Fabaceae	native
Gemmabryum preissianum (Hampe) J.R.Spence & H.P.Ramsay			Bryaceae	native
Geranium retrorsum DC.			Geraniaceae	native
Glischrocaryon angustifolium (Nees) M.L.Moody & Les			Haloragaceae	native
Glischrocaryon aureum (Lindl.) Orchard			Haloragaceae	native
Glischrocaryon roei Endl.			Haloragaceae	native
Glossostigma diandrum (L.) Kuntze			Phrymaceae	native
Glossostigma drummondii Benth.			Phrymaceae	native
Gnephosis drummondii (A.Gray) P.S.Short			Asteraceae	native
Gnephosis tridens (P.S.Short) P.S.Short			Asteraceae	native
Gompholobium burtonioides Meisn.			Fabaceae	native
Gompholobium confertum (DC.) Crisp			Fabaceae	native
Gompholobium cyaninum Chappill			Fabaceae	native
Gompholobium knightianum Lindl.			Fabaceae	native
Gompholobium marginatum R.Br.			Fabaceae	native
Gompholobium ovatum Meisn.			Fabaceae	native
Gompholobium polymorphum R.Br.			Fabaceae	native
Gompholobium preissii Meisn.			Fabaceae	native
Gompholobium scabrum Sm.			Fabaceae	native
Gompholobium tomentosum Labill.			Fabaceae	native
Gonocarpus cordiger Nees			Haloragaceae	native
Gonocarpus nodulosus Nees			Haloragaceae	native
Gonocarpus Thunb.			Haloragaceae	
Goodenia berardiana (Gaudich.) Carolin			Goodeniaceae	native
Goodenia coerulea R.Br.			Goodeniaceae	native
Goodenia cycnopotamica (F.Muell.) K.A.Sheph.			Goodeniaceae	native
Goodenia incana R.Br.			Goodeniaceae	native
Goodenia micrantha Carolin			Goodeniaceae	native
Goodenia pulchella Benth.			Goodeniaceae	native
Goodenia pulchella subsp. Coastal Plain A (M. Hislop 634)			Goodeniaceae	native
Goodenia pulchella subsp. Wheatbelt (L.W. Sage & F. Hort 795)			Goodeniaceae	native
Goodenia reinwardtii (de Vriese) K.A.Sheph.			Goodeniaceae	native
Goodenia scapigera R.Br.			Goodeniaceae	native
Goodenia trinervis (Labill.) K.A.Sheph.			Goodeniaceae	native
Gratiola pubescens R.Br.			Plantaginaceae	native
Grevillea anethifolia R.Br.			Proteaceae	native
Grevillea bipinnatifida R.Br.			Proteaceae	native
Grevillea cirsiifolia Meisn.			Proteaceae	native
Grevillea eryngioides Benth.			Proteaceae	native
Grevillea huegelii Meisn.			Proteaceae	native

Grevillea insignis subsp. insignis Meisn.			Proteaceae	native
Grevillea leptobotrys Meisn.			Proteaceae	native
Grevillea pilulifera (Lindl.) Druce			Proteaceae	native
Grevillea quercifolia R.Br.			Proteaceae	native
Grevillea tenuiflora (Lindl.) Meisn.			Proteaceae	native
Grevillea trifida (R.Br.) Meisn.			Proteaceae	native
Grevillea uncinulata Diels			Proteaceae	native
Grevillea vestita subsp. vestita (Endl.) Meisn.			Proteaceae	native
Grimmia laevigata (Brid.) Brid.			Grimmiaceae	native
Guichenotia sarotes Benth.			Malvaceae	native
Haemodorum discolor T.Macfarlane			Haemodoraceae	native
Haemodorum laxum R.Br.			Haemodoraceae	native
Haemodorum paniculatum Lindl.			Haemodoraceae	native
Haemodorum simplex Lindl.			Haemodoraceae	native
Haemodorum simulans F.Muell.			Haemodoraceae	native
Haemodorum Sm.			Haemodoraceae	
Haemodorum spicatum R.Br.			Haemodoraceae	native
Hakea candolleana Meisn.			Proteaceae	native
Hakea ceratophylla (Sm.) R.Br.			Proteaceae	native
Hakea cinerea R.Br.			Proteaceae	native
Hakea corymbosa R.Br.			Proteaceae	native
Hakea incrassata R.Br.			Proteaceae	native
Hakea lehmanniana Meisn.			Proteaceae	native
Hakea linearis R.Br.			Proteaceae	native
Hakea lissocarpha R.Br.			Proteaceae	native
Hakea marginata R.Br.			Proteaceae	native
Hakea pandanicarpa subsp. crassifolia (Meisn.) R.M.Barker			Proteaceae	native
Hakea prostrata R.Br.			Proteaceae	native
Hakea ruscifolia Labill.			Proteaceae	native
Hakea sulcata R.Br.			Proteaceae	native
Hakea trifurcata (Sm.) R.Br.			Proteaceae	native
Hakea undulata R.Br.			Proteaceae	native
Hakea varia R.Br.			Proteaceae	native
Halgania anagalloides var. Southern (A.E. Orchard 1609)			Boraginaceae	native
Helichrysum leucopsideum DC.			Asteraceae	native
Hemiandra linearis Benth.			Lamiaceae	native
Hemiandra pungens R.Br.			Lamiaceae	native
Hemiandra R.Br.			Lamiaceae	
Hemigenia argentea Bartl.			Lamiaceae	native
Hemigenia humilis Benth.			Lamiaceae	native
Hemigenia incana (Lindl.) Benth.			Lamiaceae	native
Hemigenia pritzelii S.Moore			Lamiaceae	native
Hemigenia wandooana G.R.Guerin			Lamiaceae	native
Heteroscenes pallidus (Latham, 1802)				
Hibbertia acerosa (DC.) Benth.			Dilleniaceae	native
Hibbertia amplexicaulis Steud.			Dilleniaceae	native
Hibbertia Andrews			Dilleniaceae	
Hibbertia asterella K.R.Thiele			Dilleniaceae	native
Hibbertia commutata Steud.			Dilleniaceae	native
Hibbertia crassifolia (Turcz.) Benth.			Dilleniaceae	native
Hibbertia cunninghamii Hook.			Dilleniaceae	native
Hibbertia diamesogenos (Steud.) J.R.Wheeler			Dilleniaceae	native
Hibbertia exasperata (Steud.) Briq.			Dilleniaceae	native
Hibbertia glaucophylla (Steud.) K.R.Thiele & T.Hammer			Dilleniaceae	native
Hibbertia hemignosta (Steud.) J.R.Wheeler			Dilleniaceae	native
Hibbertia huegelii (Endl.) F.Muell.			Dilleniaceae	native
Hibbertia hypericoides (DC.) Benth.			Dilleniaceae	native
Hibbertia hypericoides subsp. hypericoides (DC.) Benth.			Dilleniaceae	native
Hibbertia inclusa Benth.			Dilleniaceae	native
Hibbertia lineata Steud.			Dilleniaceae	native
Hibbertia microphylla Steud.			Dilleniaceae	native
Hibbertia montana Steud.			Dilleniaceae	native
Hibbertia notibractea J.R.Wheeler			Dilleniaceae	native
Hibbertia nymphaea Diels			Dilleniaceae	native
Hibbertia polystachya Benth.			Dilleniaceae	native
Hibbertia quadricolor Domin			Dilleniaceae	native
Hibbertia racemosa (Endl.) Gilg			Dilleniaceae	native
Hibbertia spicata F.Muell.			Dilleniaceae	native
Hibbertia stellaris Endl.			Dilleniaceae	native
Hibbertia subvaginata (Steud.) F.Muell.			Dilleniaceae	native
Hibbertia trichocalyx J.R.Wheeler			Dilleniaceae	native
Hibbertia vaginata (Benth.) F.Muell.			Dilleniaceae	native
Hibiscus tridactylites Lindl.			Malvaceae	alien
Holcus setiger Nees			Poaceae	alien

Homalosciadium homalocarpum (F.Muell.) H.Eichler			Apiaceae	native
Hordeum hystrix Roth			Poaceae	alien
Hordeum leporinum Link			Poaceae	alien
Hordeum marinum Huds.			Poaceae	alien
Hovea pungens Benth.			Fabaceae	native
Hovea trisperma Benth.			Fabaceae	native
Hyalosperma cotula (Benth.) Paul G.Wilson			Asteraceae	native
Hyalosperma demissum (A.Gray) Paul G.Wilson			Asteraceae	native
Hyalosperma glutinosum Steetz subsp. glutinosum			Asteraceae	native
Hyalosperma Steetz			Asteraceae	
Hydrocotyle alata A.Rich.			Araliaceae	native
Hydrocotyle callicarpa Bunge			Araliaceae	native
Hydrocotyle diantha DC.			Araliaceae	native
Hydrocotyle intertexta A.Rich.			Araliaceae	native
Hypericum japonicum Thunb.			Hypericaceae	native
Hypocalymma angustifolium (Endl.) Schauer			Myrtaceae	native
Hypocalymma balbakiae Tauss & Rye			Myrtaceae	native
Hypocalymma suave Lindl.			Myrtaceae	native
Hypochaeris glabra L.			Asteraceae	alien
Hypochaeris glabra L.			Asteraceae	alien
Hypolaena exsulca R.Br.			Restionaceae	native
Isolepis cernua (Vahl) Roem. & Schult.			Cyperaceae	native
Isolepis cernua var. setiformis (Benth.) Muasya			Cyperaceae	native
Isolepis cyperoides R.Br.			Cyperaceae	native
Isolepis hystrix (Thunb.) Nees			Cyperaceae	alien
Isolepis marginata (Thunb.) A.Dietr.			Cyperaceae	native
Isolepis R.Br.			Cyperaceae	
Isopogon crithmifolius F.Muell.			Proteaceae	native
Isopogon dubius (R.Br.) Druce			Proteaceae	native
Isopogon spathulatus R.Br.			Proteaceae	native
Isopogon teretifolius R.Br.			Proteaceae	native
Isotoma hypocrateriformis (R.Br.) Druce			Campanulaceae	native
Isotoma scapigera (R.Br.) G.Don			Campanulaceae	native
Isotropis cuneifolia (Sm.) Heynh.			Fabaceae	native
Isotropis cuneifolia subsp. cuneifolia (Sm.) Heynh.			Fabaceae	native
Ixia maculata L.			Iridaceae	alien
Ixia polystachya L.			Iridaceae	alien
Jacksonia alata Benth.			Fabaceae	native
Jacksonia condensata Crisp & J.R.Wheeler			Fabaceae	native
Jacksonia furcellata (Bonpl.) DC.			Fabaceae	native
Jacksonia racemosa Meisn.			Fabaceae	native
Jacksonia sternbergiana Huegel			Fabaceae	native
Jamesoniella colorata (Lehm.) Spruce ex Schiffn.			Jungermanniaceae	
Johnsonia acaulis Endl.			Hemerocallidaceae	native
Johnsonia lupulina R.Br.			Hemerocallidaceae	native
Juncus acutus subsp. acutus L.			Juncaceae	alien
Juncus bufonius L.			Juncaceae	alien
Juncus bufonius L.			Juncaceae	alien
Juncus capitatus Weigel			Juncaceae	alien
Juncus holoschoenus R.Br.			Juncaceae	native
Juncus kraussii subsp. australiensis (Buchenau) Snogerup			Juncaceae	native
Juncus microcephalus Kunth			Juncaceae	alien
Juncus pallidus R.Br.			Juncaceae	native
Juncus radula Buchenau			Juncaceae	native
Juncus subsecundus N.A.Wakef.			Juncaceae	native
Kennedia carinata (Benth.) Domin			Fabaceae	native
Kennedia coccinea (Curtis) Vent.				
Kennedia coccinea subsp. coccinea (Curtis) Vent.			Fabaceae	native
Kennedia coccinea subsp. esotera Lally			Fabaceae	native
Kennedia prostrata R.Br.			Fabaceae	native
Kennedia Vent.			Fabaceae	
Kickxia elatine subsp. elatine (L.) Dumort.			Plantaginaceae	alien
Kunzea ericifolia (Sm.) Heynh.			Myrtaceae	native
Kunzea glabrescens Toelken			Myrtaceae	native
Kunzea micrantha Schauer			Myrtaceae	native
Kunzea micrantha subsp. oligandra (Turcz.) Toelken			Myrtaceae	native
Kunzea micromera Schauer			Myrtaceae	native
Kunzea preissiana Schauer			Myrtaceae	native
Kunzea Rchb.			Myrtaceae	
Kunzea recurva Schauer			Myrtaceae	native
Labichea punctata Benth.			Fabaceae	native
Lachnagrostis filiformis (G.Forst.) Trin.			Poaceae	native
Lachnostachys eriobotrya (F.Muell.) Druce			Lamiaceae	native
Lachnostachys verbascifolia var. verbascifolia F.Muell.			Lamiaceae	native
Lagenophora Cass.			Asteraceae	

Lagenophora huegelii Benth.			Asteraceae	native
Lamprothamnium macropogon (A.Braun) Ophel			Characeae	native
Lathyrus tingitanus L.			Fabaceae	alien
Lawrencella rosea Lindl.			Asteraceae	native
Laxmannia minor R.Br.			Asparagaceae	native
Laxmannia omnifertilis Keighery			Asparagaceae	native
Laxmannia ramosa Lindl.			Asparagaceae	native
Laxmannia ramosa subsp. ramosa Lindl.			Asparagaceae	native
Laxmannia sessiliflora subsp. australis Keighery			Asparagaceae	native
Laxmannia squarrosa Lindl.			Asparagaceae	native
Lechenaultia biloba Lindl.			Goodeniaceae	mixed
Lechenaultia expansa R.Br.			Goodeniaceae	native
Lechenaultia floribunda Benth.			Goodeniaceae	native
Lechenaultia formosa R.Br.			Goodeniaceae	native
Lechenaultia tubiflora R.Br.			Goodeniaceae	native
Lepidium campestre (Linnaeus) W.T.Aiton			Brassicaceae	mixed
Lepidium perfoliatum L.			Brassicaceae	alien
Lepidobolus preissianus Nees			Restionaceae	native
Lepidosperma apricola R.L.Barrett			Cyperaceae	native
Lepidosperma asperatum (KÃ¼k.) R.L.Barrett			Cyperaceae	native
Lepidosperma brunonianum Nees			Cyperaceae	native
Lepidosperma costale Nees			Cyperaceae	native
Lepidosperma gracile R.Br.			Cyperaceae	native
Lepidosperma Labill.			Cyperaceae	
Lepidosperma leptostachyum Benth.			Cyperaceae	native
Lepidosperma longitudinale Labill.			Cyperaceae	native
Lepidosperma pubisquameum Steud.			Cyperaceae	native
Lepidosperma resinosum (Lehm.) Benth.			Cyperaceae	native
Lepidosperma sanguinolentum K.L.Wilson			Cyperaceae	native
Lepidosperma scabrum Nees			Cyperaceae	native
Lepidosperma sieberi Kunth				mixed
Lepidosperma sp. P1 small head (M.D. Tindale 166A)			Cyperaceae	native
Lepidosperma squamatum Labill.			Cyperaceae	native
Lepidosperma striatum R.Br.			Cyperaceae	native
Lepidosperma tenue Benth.			Cyperaceae	native
Lepidosperma tuberculatum Nees			Cyperaceae	native
Lepidosperma viscidum R.Br.			Cyperaceae	native
Leporella fimbriata (Lindl.) A.S.George			Orchidaceae	native
Leptocarpus canus Nees			Restionaceae	native
Leptocarpus kraussii B.G.Briggs			Restionaceae	native
Leptocarpus R.Br.			Restionaceae	
Leptocarpus trisepalus (Nees) B.G.Briggs			Restionaceae	native
Leptoceras menziesii (R.Br.) Lindl.			Orchidaceae	native
Leptomeria cunninghamii Miq.			Santalaceae	native
Leptomeria ellytes Lepschi			Santalaceae	native
Leptomeria lehmannii Miq.			Santalaceae	native
Leptomeria pauciflora R.Br.			Santalaceae	native
Leptomeria R.Br.			Santalaceae	
Leptospermopsis erubescens (Schauer) Peter G.Wilson			Myrtaceae	native
Lepyrodia glauca (Nees) F.Muell.			Restionaceae	native
Lepyrodia muirii F.Muell.			Restionaceae	native
Lethocolea Mitt.			Acrobolbaceae	
Lethocolea pansa (Taylor) G.A.M.Scott & K.G.Beckm.			Acrobolbaceae	native
Leucopogon australis R.Br.			Ericaceae	native
Leucopogon capitellatus DC.			Ericaceae	native
Leucopogon carinatus R.Br.			Ericaceae	native
Leucopogon cordatus Sond.			Ericaceae	native
Leucopogon elatior Sond.			Ericaceae	native
Leucopogon fimbriatus Stschegl.			Ericaceae	native
Leucopogon glabellus R.Br.			Ericaceae	native
Leucopogon gracillimus DC.			Ericaceae	native
Leucopogon obtusatus Sond.			Ericaceae	native
Leucopogon pulchellus Sond.			Ericaceae	native
Leucopogon R.Br.			Ericaceae	
Leucopogon sp. Boddington (D. Halford 80746)			Ericaceae	native
Leucopogon sprengelioides Sond.			Ericaceae	native
Leucopogon tamariscinus R.Br.			Ericaceae	native
Levenhookia dubia Sond.			Stylidiaceae	native
Levenhookia pusilla R.Br.			Stylidiaceae	native
Levenhookia stipitata (Benth.) Benth.			Stylidiaceae	native
Limonium sinuatum (L.) Mill.			Plumbaginaceae	alien
Linum L.			Linaceae	
Linum marginale Planch.			Linaceae	native
Linum trigynum L.			Linaceae	alien
Liparophyllum capitatum (Lehm.) Tippery & Les			Menyanthaceae	native
Lobelia anceps L.f.			Campanulaceae	native

Lobelia gibbosa Labill.			Campanulaceae	native
Lobelia rhombifolia de Vriese			Campanulaceae	native
Lobelia tenuior R.Br.			Campanulaceae	native
Logania micrantha Benth.			Loganiaceae	native
Lolium L.			Poaceae	
Lolium perenne L.			Poaceae	alien
Lolium perenne x rigidum			Poaceae	alien
Lolium rigidum Gaudin			Poaceae	alien
Lomandra caespitosa (Benth.) Ewart			Asparagaceae	native
Lomandra drummondii (Benth.) Ewart			Asparagaceae	native
Lomandra effusa (Lindl.) Ewart			Asparagaceae	native
Lomandra hermaphrodita (C.R.P.Andrews) C.A.Gardner			Asparagaceae	native
Lomandra integra T.Macfarlane			Asparagaceae	native
Lomandra Labill.			Asparagaceae	
Lomandra micrantha (Endl.) Ewart			Asparagaceae	native
Lomandra micrantha (Endl.) Ewart subsp. micrantha			Asparagaceae	native
Lomandra micrantha subsp. micrantha (Endl.) Ewart			Asparagaceae	native
Lomandra nigricans T.Macfarlane			Asparagaceae	native
Lomandra nutans T.Macfarlane			Asparagaceae	native
Lomandra odora (Endl.) Ewart			Asparagaceae	native
Lomandra preissii (Endl.) Ewart			Asparagaceae	native
Lomandra purpurea (Endl.) Ewart			Asparagaceae	native
Lomandra sericea (Endl.) Ewart			Asparagaceae	native
Lomandra sonderi (F.Muell.) Ewart			Asparagaceae	native
Lomandra spartea (Endl.) Ewart			Asparagaceae	native
Lomandra suaveolens (Endl.) Ewart			Asparagaceae	native
Lotus L.			Fabaceae	
Loxocarya cinerea R.Br.			Restionaceae	native
Loxocarya striata (F.Muell.) B.G.Briggs & L.A.S.Johnson			Restionaceae	native
Lupinus cosentinii Guss.			Fabaceae	alien
Luzula meridionalis H.Nordensk.			Juncaceae	native
Lyginia barbata R.Br.			Anarthriaceae	native
Lyginia imberbis R.Br.			Anarthriaceae	native
Lyperanthus serratus Lindl.			Orchidaceae	native
Lysiandra calycina (Labill.) R.W.Bouman			Phyllanthaceae	native
Lysimachia arvensis (L.) U.Manns & Anderb.			Primulaceae	alien
Lysimachia arvensis (L.) U.Manns & Anderb.			Primulaceae	alien
Lysinema ciliatum R.Br.			Ericaceae	native
Lysinema pentapetalum R.Br.			Ericaceae	native
Lythrum hyssopifolia L.			Lythraceae	alien
Machaerina articulata (R.Br.) T.Koyama			Cyperaceae	native
Machaerina juncea (R.Br.) T.Koyama			Cyperaceae	native
Machaerina vaginalis (Benth.) T.Koyama			Cyperaceae	native
Macrozamia fraseri Miq.			Zamiaceae	native
Macrozamia riedlei (Gaudich.) C.A.Gardner			Zamiaceae	native
Marianthus bicolor (Putt.) F.Muell.			Pittosporaceae	native
Marianthus drummondianus (Putt.) Benth.			Pittosporaceae	native
Melaleuca acutifolia (Benth.) Craven & Lepschi			Myrtaceae	native
Melaleuca bracteosa Turcz.			Myrtaceae	native
Melaleuca brophyi Craven			Myrtaceae	native
Melaleuca carrii Craven			Myrtaceae	native
Melaleuca cuticularis Labill.			Myrtaceae	native
Melaleuca densa R.Br.			Myrtaceae	native
Melaleuca halmaturorum Miq.			Myrtaceae	native
Melaleuca hamata Fielding & Gardner			Myrtaceae	native
Melaleuca hamulosa Turcz.			Myrtaceae	native
Melaleuca haplantha Barlow			Myrtaceae	native
Melaleuca incana R.Br.			Myrtaceae	native
Melaleuca incana subsp. incana R.Br.			Myrtaceae	native
Melaleuca incana subsp. tenella (Benth.) Barlow			Myrtaceae	native
Melaleuca L.			Myrtaceae	
Melaleuca lateriflora Benth.			Myrtaceae	native
Melaleuca lateritia A.Dietr.			Myrtaceae	native
Melaleuca parviceps Lindl.			Myrtaceae	native
Melaleuca pauciflora Turcz.			Myrtaceae	native
Melaleuca preissiana Schauer			Myrtaceae	native
Melaleuca pungens Schauer			Myrtaceae	native
Melaleuca rhaphiophylla Schauer			Myrtaceae	native
Melaleuca rigidifolia Turcz.			Myrtaceae	native
Melaleuca scalena Craven & Lepschi			Myrtaceae	native
Melaleuca seriata Lindl.			Myrtaceae	native
Melaleuca sparsiflora Turcz.			Myrtaceae	native
Melaleuca spathulata Schauer			Myrtaceae	native
Melaleuca subtrigona Schauer			Myrtaceae	native
Melaleuca systena Craven			Myrtaceae	native
Melaleuca thymoides Labill.			Myrtaceae	native

Melaleuca trichophylla Lindl.			Myrtaceae	native
Melaleuca tuberculata var. tuberculata Schauer			Myrtaceae	native
Melaleuca uncinata R.Br.			Myrtaceae	native
Melaleuca urceolaris Benth.			Myrtaceae	native
Melaleuca villosisepala Craven			Myrtaceae	native
Melaleuca viminea Lindl.			Myrtaceae	native
Melaleuca viminea subsp. viminea Lindl.			Myrtaceae	native
Mesembryanthemum nodiflorum L.			Aizoaceae	alien
Mesomelaena preissii Nees			Cyperaceae	native
Mesomelaena stygia (R.Br.) Nees			Cyperaceae	native
Mesomelaena stygia subsp. stygia (R.Br.) Nees			Cyperaceae	native
Mesomelaena tetragona (R.Br.) Benth.			Cyperaceae	native
Microcorys ericifolia Benth.			Lamiaceae	native
Microcorys glabra (Bartl.) Benth.			Lamiaceae	native
Microcorys subcanescens Benth.			Lamiaceae	native
Microlaena stipoides (Labill.) R.Br.			Poaceae	native
Microlaena stipoides var. stipoides (Labill.) R.Br.			Poaceae	native
Microtis alba R.Br.			Orchidaceae	native
Microtis alboviridis R.J.Bates			Orchidaceae	native
Microtis atrata Lindl.			Orchidaceae	native
Microtis media R.Br.			Orchidaceae	native
Microtis media subsp. media R.Br.			Orchidaceae	native
Microtis orbicularis R.S.Rogers			Orchidaceae	native
Millotia myosotidifolia (Benth.) Steetz			Asteraceae	native
Millotia tenuifolia Cass.			Asteraceae	native
Millotia tenuifolia var. tenuifolia Cass.			Asteraceae	native
Mirbelia dilatata R.Br.			Fabaceae	native
Mirbelia floribunda Benth.			Fabaceae	native
Mirbelia spinosa Benth.			Fabaceae	native
Mirbelia trichocalyx Domin			Fabaceae	native
Modiola caroliniana (L.) G.Don			Malvaceae	alien
Moenchia erecta (L.) P.Gaertn, B.Mey. & Scherb.			Caryophyllaceae	alien
Moenchia erecta (L.) P.Gaertn, B.Mey. & Scherb.			Caryophyllaceae	alien
Molineriella minuta (L.) Rouy			Poaceae	alien
Monopsis debilis (L.f.) C.Presl			Campanulaceae	alien
Monopsis debilis var. depressa (L.f.) Phillipson			Campanulaceae	alien
Monotaxis grandiflora var. grandiflora Endl.			Euphorbiaceae	native
Moraea flaccida (Sweet) Steud.			Iridaceae	alien
Morelotia octandra (Nees) R.L.Barrett & J.J.Bruhl			Cyperaceae	native
Muehlenbeckia adpressa (Labill.) Meisn.			Polygonaceae	native
Myriocephalus occidentalis (F.Muell.) P.S.Short			Asteraceae	native
Myriophyllum drummondii Benth.			Haloragaceae	native
Myriophyllum limnophilum Orchard			Haloragaceae	native
Netrostylis capillaris (F.Muell.) R.L.Barrett, J.J.Bruhl & K.L.Wilson			Cyperaceae	native
Netrostylis sp. Jarrah Forest (R. Davis 7391)			Cyperaceae	native
Netrostylis sp. Mt Madden (C.D. Turley 40 BP/897)			Cyperaceae	native
Neurachne alopecuroidea R.Br.			Poaceae	native
Nuytsia floribunda (Labill.) G.Don			Loranthaceae	native
Olax benthamiana Miq.			Olacaceae	native
Olearia ciliata (Benth.) Benth.			Asteraceae	native
Olearia rudis (Benth.) Benth.			Asteraceae	native
Opercularia echinocephala Benth.			Rubiaceae	native
Opercularia vaginata Juss.			Rubiaceae	native
Ophioglossum lusitanicum L.			Ophioglossaceae	native
Orianthera serpyllifolia subsp. angustifolia (Benth.) C.S.P.Foster & B.J.Conn			Loganiaceae	native
Ornithopus sativus Brot.			Fabaceae	alien
Orthrosanthus laxus var. gramineus (Endl.) Geerinck			Iridaceae	native
Oxalis exilis A.Cunn.			Oxalidaceae	native
Oxalis perennans Haw.			Oxalidaceae	native
Panaetia lessonii Cass.			Asteraceae	native
Paradiacheopsis fimbriata (G.Lister & Cran) Nann.-Bremek.			Stemonitidaceae	native
Parapholis incurva (L.) C.E.Hubb.			Poaceae	alien
Parapholis incurva (L.) C.E.Hubb.			Poaceae	alien
Paraserianthes lophantha (Willd.) I.C.Nielsen			Fabaceae	mixed
Parentucellia latifolia (L.) Caruel			Orobanchaceae	alien
Parentucellia latifolia (L.) Caruel			Orobanchaceae	alien
Paspalum vaginatum Sw.			Poaceae	mixed
Patersonia babianoides Benth.			Iridaceae	native
Patersonia juncea Lindl.			Iridaceae	native
Patersonia maxwellii (F.Muell.) Benth.			Iridaceae	native
Patersonia occidentalis R.Br.			Iridaceae	native
Patersonia occidentalis var. latifolia Benth.			Iridaceae	native
Patersonia occidentalis var. occidentalis R.Br.			Iridaceae	native

Patersonia pygmaea Lindl.			Iridaceae	native
Patersonia umbrosa var. umbrosa Endl.			Iridaceae	native
Patersonia umbrosa var. xanthina (F.Muell.) Domin			Iridaceae	native
Pauridia gardneri (R.J.F.Hend.) Snijman & Kocyan			Hypoxidaceae	native
Pauridia glabella var. leptantha (Benth.) Snijman & Kocyan			Hypoxidaceae	native
Pauridia occidentalis (Benth.) Snijman & Kocyan			Hypoxidaceae	native
Pauridia occidentalis var. quadriloba (F.Muell.) Snijman & Kocyan			Hypoxidaceae	native
Pelargonium littorale Huegel			Geraniaceae	native
Pentameris airoides Nees			Poaceae	alien
Pericalymma crassipes Schauer			Myrtaceae	native
Pericalymma ellipticum (Endl.) Schauer			Myrtaceae	native
Pericalymma ellipticum var. ellipticum (Endl.) Schauer			Myrtaceae	native
Pericalymma ellipticum var. floridum (Schauer) Cranfield			Myrtaceae	native
Persicaria prostrata (R.Br.) Sojak			Polygonaceae	native
Persoonia angustiflora Benth.			Proteaceae	native
Persoonia elliptica R.Br.			Proteaceae	native
Persoonia longifolia R.Br.			Proteaceae	native
Persoonia quinquenervis Hook.			Proteaceae	native
Persoonia striata R.Br.			Proteaceae	native
Persoonia teretifolia R.Br.			Proteaceae	native
Petrophile brevifolia Lindl.			Proteaceae	native
Petrophile divaricata R.Br.			Proteaceae	native
Petrophile ericifolia R.Br.			Proteaceae	native
Petrophile filifolia R.Br.			Proteaceae	native
Petrophile glauca Foreman			Proteaceae	native
Petrophile heterophylla Lindl.			Proteaceae	native
Petrophile linearis R.Br.			Proteaceae	native
Petrophile longifolia R.Br.			Proteaceae	native
Petrophile media R.Br.			Proteaceae	native
Petrophile rigida R.Br.			Proteaceae	native
Petrophile serruriae R.Br.			Proteaceae	native
Petrophile squamata R.Br.			Proteaceae	native
Petrophile striata R.Br.			Proteaceae	native
Petrorhagia dubia (Raf.) G.Lopez & Romo			Caryophyllaceae	alien
Phalaris paradoxa L.			Poaceae	alien
Pheladenia deformis (R.Br.) D.L.Jones & M.A.Clem.			Orchidaceae	native
Philotheca nodiflora subsp. lasiocalyx (Domin) Paul G.Wilson			Rutaceae	native
Philydrella Caruel			Philydraceae	
Philydrella pygmaea (R.Br.) Caruel			Philydraceae	native
Phlebocarya ciliata R.Br.			Haemodoraceae	native
Phyllangium Dunlop			Loganiaceae	
Phyllota gracilis Turcz.			Fabaceae	native
Physalis pubescens L.			Solanaceae	alien
Pimelea angustifolia R.Br.			Thymelaeaceae	native
Pimelea argentea R.Br.			Thymelaeaceae	native
Pimelea avonensis Rye			Thymelaeaceae	native
Pimelea brevifolia subsp. modesta (Meisn.) Rye			Thymelaeaceae	native
Pimelea ciliata Rye			Thymelaeaceae	native
Pimelea ciliata subsp. ciliata Rye			Thymelaeaceae	native
Pimelea Gaertn.			Thymelaeaceae	
Pimelea imbricata R.Br.			Thymelaeaceae	native
Pimelea imbricata var. piligera (Benth.) Diels			Thymelaeaceae	native
Pimelea lehmanniana subsp. lehmanniana Meisn.			Thymelaeaceae	native
Pimelea lehmanniana subsp. nervosa (Meisn.) Rye			Thymelaeaceae	native
Pimelea rosea R.Br.			Thymelaeaceae	native
Pimelea suaveolens subsp. suaveolens Meisn.			Thymelaeaceae	native
Pimelea sylvestris R.Br.			Thymelaeaceae	native
Pithocarpa pulchella var. melanostigma (P.Lewis & Summerh.) Lepschi			Asteraceae	native
Plantago coronopus L.			Plantaginaceae	alien
Plantago coronopus L.			Plantaginaceae	alien
Platysace Bunge			Apiaceae	
Platytheca galioides Steetz			Elaeocarpaceae	native
Poa annua L.			Poaceae	alien
Poa drummondiana Nees			Poaceae	native
Poa L.			Poaceae	
Podolepis aristata subsp. aristata Benth.			Asteraceae	native
Podolepis canescens DC.			Asteraceae	native
Podolepis gracilis (Lehm.) Graham			Asteraceae	native
Podolepis nutans Steetz			Asteraceae	native
Podotheca angustifolia (Labill.) Less.			Asteraceae	native
Pogonolepis muelleriana (Sond.) P.S.Short			Asteraceae	native

Pogonolepis stricta Steetz			Asteraceae	native
Polypogon monspeliensis (L.) Desf.			Poaceae	alien
Polypogon monspeliensis (L.) Desf.			Poaceae	alien
Polypogon tenellus R.Br.			Poaceae	native
Poranthera huegelii Klotzsch			Phyllanthaceae	native
Poranthera microphylla Brongn.			Phyllanthaceae	native
Portulaca oleracea L.			Portulacaceae	mixed
Potamogeton reduncus Hagstr.			Potamogetonaceae	native
Praecoxanthus aphyllus (Benth.) Hopper & A.P.Br.			Orchidaceae	native
Prasophyllum cyphochilum Benth.			Orchidaceae	native
Prasophyllum fimbria Rchb.f.			Orchidaceae	native
Prasophyllum gracile Lindl.			Orchidaceae	native
Prasophyllum hians Rchb.f.			Orchidaceae	native
Prasophyllum ovale Lindl.			Orchidaceae	native
Prasophyllum plumiforme Fitzg.			Orchidaceae	native
Prasophyllum R.Br.			Orchidaceae	
Pseudognaphalium luteoalbum (L.) Hilliard & B.L.Burtt			Asteraceae	mixed
Pterochaeta paniculata Steetz			Asteraceae	native
Pterostylis barbata Lindl.			Orchidaceae	native
Pterostylis crispula (D.L.Jones & C.J.French) D.L.Jones & C.J.French			Orchidaceae	native
Pterostylis hamiltonii Nicholls			Orchidaceae	native
Pterostylis picta M.A.Clem.			Orchidaceae	native
Pterostylis pyramidalis Lindl.			Orchidaceae	native
Pterostylis R.Br.			Orchidaceae	
Pterostylis recurva Benth.			Orchidaceae	native
Pterostylis sanguinea D.L.Jones & M.A.Clem.			Orchidaceae	native
Pterostylis sargentii C.R.P.Andrews			Orchidaceae	native
Pterostylis vittata Lindl.			Orchidaceae	native
Ptilotus davisii T.Hammer			Amaranthaceae	native
Ptilotus declinatus Nees			Amaranthaceae	native
Ptilotus drummondii var. drummondii (Moq.) F.Muell.			Amaranthaceae	native
Ptilotus gaudichaudii (Steud.) J.M.Black			Amaranthaceae	native
Ptilotus holosericeus (Moq.) F.Muell.			Amaranthaceae	native
Ptilotus humilis (Nees) F.Muell.			Amaranthaceae	native
Ptilotus manglesii (Lindl.) F.Muell.			Amaranthaceae	native
Ptilotus spathulatus (R.Br.) Poir.			Amaranthaceae	native
Ptychostomum inclinatum (Sw. ex Brid.) J.R.Spence			Bryaceae	
Puccinellia ciliata Bor			Poaceae	alien
Puccinellia gigantea (Grossh.) Grossh.			Poaceae	alien
Pultenaea aspalathoides Meisn.			Fabaceae	native
Pultenaea ericifolia Benth.			Fabaceae	native
Pultenaea ochreata Meisn.			Fabaceae	native
Pultenaea strobilifera Meisn.			Fabaceae	native
Pultenaea tenuifolia R.Br.			Fabaceae	native
Pultenaea verruculosa Turcz.			Fabaceae	native
Pycnosorus pleiocephalus (F.Muell.) J.Everett & Doust			Asteraceae	native
Pyrorchis nigricans (R.Br.) D.L.Jones & M.A.Clem.			Orchidaceae	native
Quinetia urvillei Cass.			Asteraceae	native
Ranunculus colonorum Endl.			Ranunculaceae	native
Regelia ciliata Schauer			Myrtaceae	native
Regelia inops (Schauer) Schauer			Myrtaceae	native
Rhagodia preissii subsp. preissii Moq.			Chenopodiaceae	native
Rhodanthe citrina (Benth.) Paul G.Wilson			Asteraceae	native
Rhodanthe corymbosa (A.Gray) Paul G.Wilson			Asteraceae	native
Rhodanthe laevis (A.Gray) Paul G.Wilson			Asteraceae	native
Rhodanthe Lindl.			Asteraceae	
Rhodanthe manglesii Lindl.			Asteraceae	native
Rhodanthe pyrethrum (Steetz) Paul G.Wilson			Asteraceae	native
Riccia bifurca Hoffm.			Ricciaceae	
Riccia L.			Ricciaceae	
Ricinocarpos cyanescens MÃ¼ll.Arg.			Euphorbiaceae	native
Rinzia fumana Schauer			Myrtaceae	native
Rinzia Schauer			Myrtaceae	
Romulea rosea (L.) Eckl.			Iridaceae	alien
Romulea rosea (L.) Eckl.			Iridaceae	alien
Rosulabryum billarderii (SchwÃ¤gr.) J.R.Spence			Bryaceae	native
Rumex crispus L.			Polygonaceae	alien
Rumex L.			Polygonaceae	
Ruppia megacarpa R.Mason			Ruppiaceae	native
Ruppia polycarpa R.Mason			Ruppiaceae	native
Rytidosperma acerosum (Vickery) Connor & Edgar			Poaceae	native
Rytidosperma caespitosum (Gaudich.) Connor & Edgar			Poaceae	native
Rytidosperma pilosum (R.Br.) Connor & Edgar			Poaceae	native
Rytidosperma setaceum (R.Br.) Connor & Edgar			Poaceae	native
Rytidosperma Steud.			Poaceae	

Salicornia quinqueflora Ung.-Sternb.			Chenopodiaceae	native
Samolus caespitosus Keighery			Primulaceae	native
Samolus junceus R.Br.			Primulaceae	native
Santalum acuminatum (R.Br.) A.DC.			Santalaceae	native
Santalum spicatum (R.Br.) A.DC.			Santalaceae	native
Scaevola calliptera Benth.			Goodeniaceae	native
Scaevola glandulifera DC.			Goodeniaceae	native
Scaevola lanceolata Benth.			Goodeniaceae	native
Scaevola phlebopetala F.Muell.			Goodeniaceae	native
Scaevola pilosa Benth.			Goodeniaceae	native
Scaevola platyphylla Lindl.			Goodeniaceae	native
Scaevola pulvinaris (E.Pritz.) K.Krause			Goodeniaceae	native
Scaevola repens var. repens de Vriese			Goodeniaceae	native
Scaevola striata R.Br.			Goodeniaceae	native
Scaevola striata var. arenaria E.Pritz.			Goodeniaceae	native
Schoenolaena juncea Bunge			Apiaceae	native
Schoenus armeria Boeckeler			Cyperaceae	native
Schoenus discifer Tate			Cyperaceae	native
Schoenus hexandrus F.Muell. & Tate			Cyperaceae	native
Schoenus L.			Cyperaceae	
Schoenus nanus (Nees) Benth.			Cyperaceae	native
Schoenus nitens (R.Br.) Roem. & Schult.			Cyperaceae	native
Schoenus pleiostemoneus F.Muell.			Cyperaceae	native
Schoenus plumosus Rye			Cyperaceae	native
Schoenus sp. smooth culms (K.R. Newbey 7823)			Cyperaceae	native
Schoenus subbarbatus KÃ¼k.			Cyperaceae	native
Schoenus subfascicularis KÃ¼k.			Cyperaceae	native
Schoenus subflavus KÃ¼k.			Cyperaceae	native
Schoenus subflavus subsp. long leaves (K.L. Wilson 2865)			Cyperaceae	native
Schoenus sublateralis (Steud.) C.B.Clarke			Cyperaceae	native
Schoenus submicrostachyus KÃ¼k.			Cyperaceae	native
Schoenus unispiculatus Benth.			Cyperaceae	native
Sebaea ovata (Labill.) R.Br.			Gentianaceae	native
Selaginella gracillima (Kunze) Salomon			Selaginellaceae	native
Sematophyllum subhumile var. contiguum (Mitt.) B.C.Tan, W.B.Schofield & H.P.Ramsay			Sematophyllaceae	native
Senecio L.			Asteraceae	
Senecio multicaulis subsp. multicaulis A.Rich.			Asteraceae	native
Senecio pinnatifolius A.Rich.			Asteraceae	native
Senecio pinnatifolius var. latilobus (Steetz) I.Thomps.			Asteraceae	native
Senna cardiosperma (F.Muell.) Randell			Fabaceae	native
Siemssenia capillaris Steetz			Asteraceae	native
Silene gallica L.			Caryophyllaceae	alien
Siloxerus filifolius (Benth.) Ostenf.			Asteraceae	native
Siloxerus humifusus Labill.			Asteraceae	native
Siloxerus Labill.			Asteraceae	
Siloxerus multiflorus Nees			Asteraceae	native
Solanum hoplopetalum Bitter & Summerh.			Solanaceae	mixed
Sonchus asper (L.) Hill			Asteraceae	alien
Sonchus asper (L.) Hill			Asteraceae	alien
Sonchus oleraceus L.			Asteraceae	alien
Sonchus oleraceus L.			Asteraceae	alien
Sowerbaea laxiflora Lindl.			Asparagaceae	native
Spergularia marina (L.) Besser			Caryophyllaceae	native
Spergularia marina (L.) Besser			Caryophyllaceae	native
Sphaerolobium medium R.Br.			Fabaceae	native
Stachys arvensis (L.) L.			Lamiaceae	alien
Stackhousia monogyna Labill.			Celastraceae	native
Stackhousia pubescens A.Rich.			Celastraceae	native
Stackhousia scoparia Benth.			Celastraceae	native
Stackhousia Sm.			Celastraceae	
Stenanthemum notiale subsp. notiale Rye			Rhamnaceae	native
Stenanthemum tridentatum (Steud.) Reissek			Rhamnaceae	native
Stirlingia latifolia (R.Br.) Steud.			Proteaceae	native
Stirlingia simplex Lindl.			Proteaceae	native
Stylidium affine Sond.			Stylidiaceae	native
Stylidium amoenum R.Br.			Stylidiaceae	native
Stylidium androsaceum Lindl.			Stylidiaceae	native
Stylidium araeophyllum Wege			Stylidiaceae	native
Stylidium brunonianum Benth.			Stylidiaceae	native
Stylidium caespitosum R.Br.			Stylidiaceae	native
Stylidium calcaratum R.Br.			Stylidiaceae	native
Stylidium caricifolium Lindl.			Stylidiaceae	native
Stylidium carnosum Benth.			Stylidiaceae	native
Stylidium ciliatum Lindl.			Stylidiaceae	native

Stylidium crassifolium R.Br.			Stylidiaceae	native
Stylidium despectum R.Br.			Stylidiaceae	native
Stylidium dichotomum DC.			Stylidiaceae	
Stylidium ecorne (F.L.Erickson & J.H.Willis) P.G.Farrell & S.H.James			Stylidiaceae	native
Stylidium emarginatum Sond.			Stylidiaceae	native
Stylidium eriopodum DC.			Stylidiaceae	native
Stylidium guttatum R.Br.			Stylidiaceae	native
Stylidium hirsutum R.Br.			Stylidiaceae	native
Stylidium inundatum R.Br.			Stylidiaceae	native
Stylidium junceum R.Br.			Stylidiaceae	native
Stylidium leptophyllum DC.			Stylidiaceae	native
Stylidium luteum R.Br.			Stylidiaceae	native
Stylidium neglectum Mildbr.			Stylidiaceae	native
Stylidium paulineae Lowrie & Kenneally			Stylidiaceae	native
Stylidium petiolare Sond.			Stylidiaceae	native
Stylidium piliferum R.Br.			Stylidiaceae	native
Stylidium pingrupense Lowrie, A.H.Burb. & Kenneally			Stylidiaceae	native
Stylidium pubigerum Sond.			Stylidiaceae	native
Stylidium pulchellum Sond.			Stylidiaceae	native
Stylidium repens R.Br.			Stylidiaceae	native
Stylidium rhynchocarpum Sond.			Stylidiaceae	native
Stylidium schoenoides DC.			Stylidiaceae	native
Stylidium spathulatum R.Br.			Stylidiaceae	native
Stylidium Sw.			Stylidiaceae	
Stylidium tenue subsp. tenue Sond.			Stylidiaceae	native
Stylidium uniflorum Sond.			Stylidiaceae	native
Stylidium uniflorum subsp. uniflorum Sond.			Stylidiaceae	native
Stylidium violaceum R.Br.			Stylidiaceae	native
Stylidium zeicolor F.L.Erickson & J.H.Willis			Stylidiaceae	native
Stypandra glauca R.Br.			Hemerocallidaceae	native
Styphelia annulata Hislop			Ericaceae	native
Styphelia compacta (R.Br.) Spreng.			Ericaceae	native
Styphelia concinna (Benth.) F.Muell.			Ericaceae	native
Styphelia conostephioides (DC.) F.Muell.			Ericaceae	native
Styphelia crassifolia (Sond.) F.Muell.			Ericaceae	native
Styphelia discolor (Sond.) Hislop, Crayn & Puente-Lel.			Ericaceae	native
Styphelia epacridis (DC.) F.Muell.			Ericaceae	native
Styphelia erectifolia Hislop, Crayn & Puente-Lel.			Ericaceae	native
Styphelia erubescens F.Muell.			Ericaceae	native
Styphelia macrocalyx (Sond.) F.Muell.			Ericaceae	native
Styphelia nitens Sleumer			Ericaceae	native
Styphelia pallida (R.Br.) Spreng.			Ericaceae	native
Styphelia pendula (R.Br.) Spreng.			Ericaceae	native
Styphelia planifolia (Sond.) Sleumer			Ericaceae	native
Styphelia propinqua (R.Br.) Spreng.			Ericaceae	native
Styphelia prostrata (R.Br.) F.Muell.			Ericaceae	native
Styphelia racemulosa (DC.) F.Muell.			Ericaceae	native
Styphelia serratifolia (DC.) Hislop, Crayn & Puente-Lel.			Ericaceae	native
Styphelia Sm.			Ericaceae	
Styphelia stricta (Benth.) F.Muell.			Ericaceae	native
Styphelia tenuiflora Lindl.			Ericaceae	native
Synaphea cuneata A.S.George			Proteaceae	native
Synaphea damopsis A.S.George			Proteaceae	native
Synaphea decorticans Lindl.			Proteaceae	native
Synaphea flabelliformis A.S.George			Proteaceae	native
Synaphea floribunda A.S.George			Proteaceae	native
Synaphea gracillima Lindl.			Proteaceae	native
Synaphea obtusata (Meisn.) A.S.George			Proteaceae	native
Synaphea petiolaris subsp. petiolaris R.Br.			Proteaceae	native
Synaphea petiolaris subsp. triloba A.S.George			Proteaceae	native
Synaphea R.Br.			Proteaceae	
Taxandria fragrans (J.R.Wheeler & N.G.Marchant) J.R.Wheeler & N.G.Marchant			Myrtaceae	native
Taxandria linearifolia (DC.) J.R.Wheeler & N.G.Marchant			Myrtaceae	native
Tecticornia indica (Willd.) K.A.Sheph. & Paul G.Wilson			Chenopodiaceae	native
Tecticornia lepidosperma (Paul G.Wilson) K.A.Sheph. & Paul G.Wilson			Chenopodiaceae	native
Templetonia sulcata (Meisn.) Benth.			Fabaceae	native
Tetrapora floribunda (Benth.) Trudgen & Rye			Myrtaceae	native
Tetrapora glomerata Turcz.			Myrtaceae	native
Tetrapora preissiana Schauer			Myrtaceae	native
Tetrarrhena laevis R.Br.			Poaceae	native
Tetratheca confertifolia Steetz			Elaeocarpaceae	native
Tetratheca hirsuta subsp. hirsuta Lindl.			Elaeocarpaceae	native

Tetratheca hirsuta subsp. viminea (Lindl.) Joyce			Elaeocarpaceae	native
Tetratheca nuda Lindl.			Elaeocarpaceae	native
Tetratheca setigera Endl.			Elaeocarpaceae	native
Tetratheca virgata Steetz			Elaeocarpaceae	native
Thelymitra antennifera (Lindl.) Hook.f.			Orchidaceae	native
Thelymitra benthamiana Rchb.f.			Orchidaceae	native
Thelymitra campanulata Lindl.			Orchidaceae	native
Thelymitra crinita Lindl.			Orchidaceae	native
Thelymitra graminea Lindl.			Orchidaceae	native
Thelymitra J.R.Forst. & G.Forst.			Orchidaceae	
Thelymitra macrophylla Lindl.			Orchidaceae	native
Thelymitra villosa Lindl.			Orchidaceae	native
Themeda triandra Forssk.			Poaceae	native
Thomasia foliosa J.Gay			Malvaceae	native
Thomasia grandiflora Lindl.			Malvaceae	native
Thomasia J.Gay			Malvaceae	
Thomasia macrocalyx Steud.			Malvaceae	native
Thomasia rugosa Turcz.			Malvaceae	native
Thryptomene australis subsp. australis Endl.			Myrtaceae	native
Thysanotus dichotomus (Labill.) R.Br.			Asparagaceae	native
Thysanotus manglesianus Kunth			Asparagaceae	native
Thysanotus multiflorus R.Br.			Asparagaceae	native
Thysanotus patersonii R.Br.			Asparagaceae	native
Thysanotus R.Br.			Asparagaceae	
Thysanotus sparteus R.Br.			Asparagaceae	native
Thysanotus tenellus Endl.			Asparagaceae	native
Thysanotus thyrsoideus Baker			Asparagaceae	native
Thysanotus triandrus (Labill.) R.Br.			Asparagaceae	native
Trachyandra divaricata (Jacq.) Kunth			Asphodelaceae	alien
Trachymene pilosa Sm.			Araliaceae	native
Trachymene Rudge			Araliaceae	
Tremulina tremula (R.Br.) B.G.Briggs & L.A.S.Johnson			Restionaceae	native
Tribonanthes elongata E.J.Hickman & Hopper			Haemodoraceae	native
Tribonanthes keigheryi E.J.Hickman & Hopper			Haemodoraceae	native
Tribonanthes longipetala Lindl.			Haemodoraceae	native
Tribonanthes monantha E.J.Hickman & Hopper			Haemodoraceae	native
Trichocline spathulata (DC.) J.H.Willis			Asteraceae	native
Tricoryne elatior R.Br.			Hemerocallidaceae	native
Tricoryne humilis Endl.			Hemerocallidaceae	native
Tricostularia neesii Lehm.			Cyperaceae	native
Trifolium angustifolium var. angustifolium L.			Fabaceae	alien
Trifolium campestre Schreb.			Fabaceae	alien
Trifolium dubium Sibth.			Fabaceae	alien
Trifolium stellatum var. stellatum L.			Fabaceae	alien
Trifolium striatum L.			Fabaceae	alien
Triglochin centrocarpa Hook.			Juncaginaceae	native
Triglochin minutissima F.Muell.			Juncaginaceae	native
Triglochin mucronata R.Br.			Juncaginaceae	native
Triglochin stowardii N.E.Br.			Juncaginaceae	native
Tripterococcus brunonis Endl.			Celastraceae	native
Triquetrella papillata (Hook.f. & Wilson) Broth.			Pottiaceae	native
Trithuria bibracteata D.A.Cooke			Hydatellaceae	native
Tropaeolum majus L.			Tropaeolaceae	alien
Trymalium angustifolium Reissek			Rhamnaceae	native
Trymalium ledifolium Fenzl			Rhamnaceae	native
Trymalium ledifolium var. lineare Rye			Rhamnaceae	native
Trymalium ledifolium var. rosmarinifolium (Steud.) Benth.			Rhamnaceae	native
Ursinia anthemoides (L.) Poir.			Asteraceae	alien
Ursinia anthemoides subsp. anthemoides (L.) Poir.			Asteraceae	alien
Utricularia benthamii P.Taylor			Lentibulariaceae	native
Utricularia inaequalis A.DC.			Lentibulariaceae	native
Utricularia menziesii R.Br.			Lentibulariaceae	native
Utricularia multifida R.Br.			Lentibulariaceae	native
Utricularia violacea R.Br.			Lentibulariaceae	native
Vellereophyton dealbatum (Thunb.) Hilliard & B.L.Burtt			Asteraceae	alien
Verticordia acerosa var. preissii (Schauer) A.S.George			Myrtaceae	native
Verticordia DC.			Myrtaceae	
Verticordia densiflora Lindl.			Myrtaceae	native
Verticordia densiflora var. cespitosa (Turcz.) A.S.George			Myrtaceae	native
Verticordia densiflora var. densiflora Lindl.			Myrtaceae	native
Verticordia grandiflora Endl.			Myrtaceae	native
Verticordia habrantha Schauer			Myrtaceae	native
Verticordia huegelii var. stylosa (Turcz.) A.S.George			Myrtaceae	native
Verticordia insignis subsp. compta (Endl.) A.S.George			Myrtaceae	native

Verticordia lindleyi subsp. purpurea A.S.George			Myrtaceae	native
Verticordia multiflora subsp. multiflora Turcz.			Myrtaceae	native
Verticordia pennigera Endl.			Myrtaceae	native
Verticordia plumosa (Desf.) Druce			Myrtaceae	native
Verticordia plumosa var. brachyphylla (Diels) A.S.George			Myrtaceae	native
Verticordia serrata var. serrata (Lindl.) Schauer			Myrtaceae	native
Verticordia subulata A.S.George			Myrtaceae	native
Verticordia tumida subsp. therogana A.S.George			Myrtaceae	native
Vicia benghalensis L.			Fabaceae	alien
Vicia lens (L.) Coss. & Germ.				
Viminaria juncea (Schrad. & J.C.Wendl.) Hoffmanns.			Fabaceae	native
Vittadinia gracilis (Hook.f.) N.T.Burb.			Asteraceae	native
Vulpia bromoides (L.) Gray			Poaceae	alien
Vulpia C.C.Gmel.			Poaceae	
Vulpia myuros (L.) C.C.Gmel.			Poaceae	alien
Wahlenbergia capillaris (G.Lodd.) G.Don			Campanulaceae	native
Wahlenbergia gracilenta Lothian			Campanulaceae	native
Wahlenbergia preissii de Vriese			Campanulaceae	native
Wahlenbergia Roth			Campanulaceae	
Waitzia acuminata var. acuminata Steetz			Asteraceae	native
Waitzia nitida (Lindl.) Paul G.Wilson			Asteraceae	native
Waitzia suaveolens (Benth.) Druce			Asteraceae	native
Waitzia suaveolens var. suaveolens (Benth.) Druce			Asteraceae	native
Wilsonia backhousei Hook.f.			Convolvulaceae	native
Wurmbea dioica subsp. alba T.Macfarlane			Colchicaceae	native
Wurmbea sinora T.Macfarlane			Colchicaceae	native
Wurmbea tenella (Endl.) Benth.			Colchicaceae	native
Wurmbea Thunb.			Colchicaceae	
Xanthorrhoea drummondii Harv.			Xanthorrhoeaceae	native
Xanthorrhoea drummondii x preissii				
Xanthorrhoea gracilis Endl.			Xanthorrhoeaceae	native
Xanthorrhoea preissii Endl.			Xanthorrhoeaceae	native
Xanthosia atkinsoniana F.Muell.			Apiaceae	native
Xanthosia candida (Benth.) Steud.			Apiaceae	native
Xanthosia ciliata Hook.			Apiaceae	native
Xanthosia huegelii (Benth.) Steud.			Apiaceae	native
Xanthosia singuliflora F.Muell.			Apiaceae	native
Xerochrysum bracteatum (Vent.) Tzvelev			Asteraceae	mixed
Xerochrysum macranthum (Benth.) Paul G.Wilson			Asteraceae	native
Zantedeschia aethiopica (L.) Spreng.			Araceae	alien

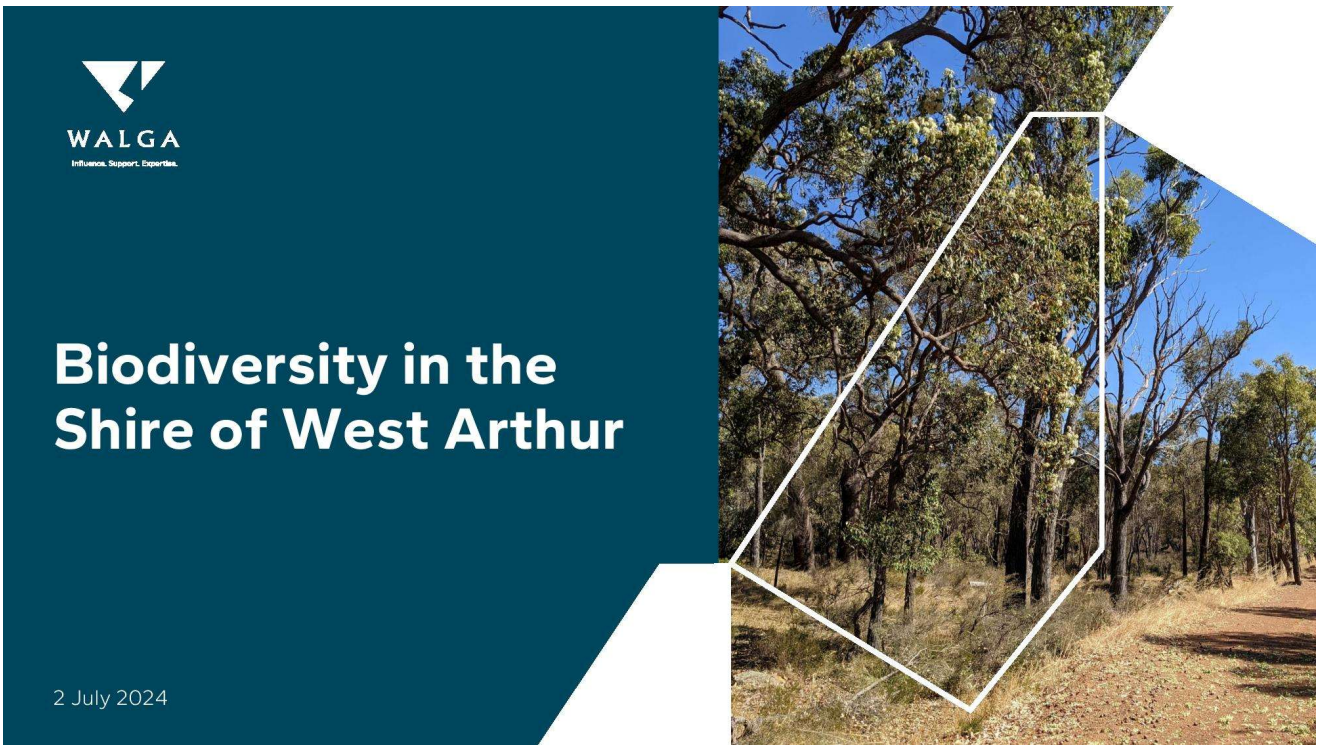
Appendix 3: List of Fauna in the Shire of West Arthur

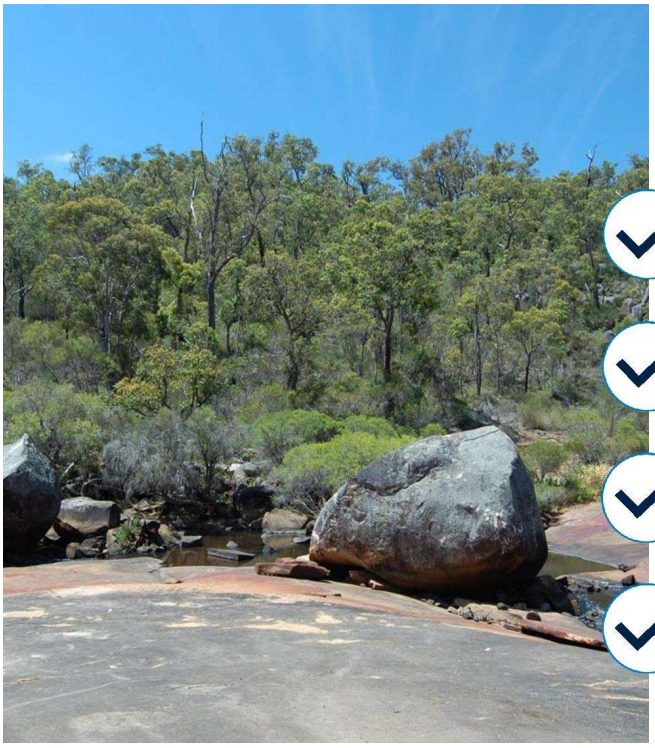
Accepted name	Common name	Conservation code (EPBC Act listing)	Class
Crinia georgiana Tschudi, 1838	Quacking frog		Amphibia
Crinia pseudinsignifera (Main, 1957)	False western froglet		Amphibia
Heleioporus albopunctatus Gray, 1841	Western spotted frog		Amphibia
Heleioporus barycragus Lee, 1967	Hooting frog		Amphibia
Heleioporus eyrei (Gray, 1845)	Moaning frog		Amphibia
Heleioporus inornatus (Lee & Main, 1954)	Whooping frog		Amphibia
Heleioporus psammophilus (Lee & Main, 1954)	Sand frog		Amphibia
Limnodynastes dorsalis (Gray, 1841)	Western banjo frog		Amphibia
Myobatrachus gouldii (Gray, 1841)	Turtle frog		Amphibia
Neobatrachus pelobatoides (Werner, 1914)	Humming frog		Amphibia
Pseudophryne guentheri Boulenger, 1882	Gunthers toadlet		Amphibia
Acercella falcipes Lundblad, 1941			Arachnida
Argiope protensa L. Koch, 1872			Arachnida
Argiope trifasciata (ForsskÃ¥l, 1775)			Arachnida
Artoria cingulipes Simon, 1909			Arachnida
Artoria flavimana Simon, 1909			Arachnida
Artoria linnaei Framenau, 2008			Arachnida
Austracantha minax (Thorell, 1859)			Arachnida
Backobourkia brouni (Urquhart, 1885)			Arachnida
Badumna insignis (L. Koch, 1872)			Arachnida
Cercophonius Peters, 1861			Arachnida
Cercophonius sulcatus Kraepelin, 1908			Arachnida
Dingosa murata Framenau & Baehr, 2007			Arachnida
Dingosa serrata (L. Koch, 1877)			Arachnida
Holconia westralia Hirst, 1991			Arachnida
Idiommata blackwalli (O. Pickard-Cambridge, 1870)			Arachnida
Idiosoma jarrah Rix & Harvey, None			Arachnida
Lampona cylindrata (L. Koch, 1866)			Arachnida
Lampona punctigera Simon, 1908			Arachnida
Limnesia dentifera Viets, 1980			Arachnida
Lycosa Latreille, 1804			Arachnida
Maratus chrysomelas (Simon, 1909)			Arachnida
Maratus vespertilio (Simon, 1901)			Arachnida
Micropholcomma Crosby & Bishop, 1927			Arachnida
Missulena hoggi Womersley, 1943			Arachnida
Missulena Walckenaer, 1805			Arachnida
Molycria quadricauda (Simon, 1908)			Arachnida
Molycria vokes Platnick & Baehr, 2006			Arachnida
Myandra bicincta Simon, 1908			Arachnida
Myandra cambridgei Simon, 1887			Arachnida
Neopilionidae Lawrence, 1931			Arachnida
Nomindra flavipes (Simon, 1908)			Arachnida
Ostearius melanopygius (O. Pickard-Cambridge, 1880)			Arachnida
Ozarchaea westraliensis Rix, 2006			Arachnida
Prionosternum scutatum Dunn, 1951			Arachnida
Raveniella cirrata Rix & Harvey, 2010			Arachnida
Salticidae Blackwall, 1841			Arachnida
Socca senicaudata (Simon, 1908)			Arachnida
Stephanopis O. Pickard-Cambridge, 1869			Arachnida
Storena formosa Thorell, 1870			Arachnida
Tasmanicosa gilberta (Hogg, 1905)			Arachnida
Tasmanicosa godeffroyi (L. Koch, 1865)			Arachnida
Tasmanicosa leuckarti (Thorell, 1870)			Arachnida
Tetragnatha nitens (Audouin, 1826)			Arachnida
Teyl luculentus Main, 1975			Arachnida
Trachytrema castaneum Simon, 1909			Arachnida
Trichonephila edulis (LabillardiÃ¨re, 1799)			Arachnida
Urodacus novaehollandiae Peters, 1861			Arachnida
Venator immansuetus (Simon, 1909)			Arachnida
Venatrix arenaris (Hogg, 1905)			Arachnida
Venatrix pullastra (Simon, 1909)			Arachnida
Venatrix tinfos Framenau, 2006			Arachnida
Zodariidae Thorell, 1881			Arachnida
Acanthiza apicalis Gould, 1847	Inland thornbill		Aves
Actitis hypoleucos (Linnaeus, 1758)	Common sandpiper	MI	Aves
Anas gracilis Buller, 1869	Grey teal		Aves
Anas superciliosa Gmelin, 1789	Pacific black duck		Aves
Anhinga melanogaster Pennant, 1769	Oriental darter		Aves
Aquila audax (Latham, 1802)	Wedge-tailed eagle		Aves
Aythya australis (Eyton, 1838)	Hardhead		Aves

Barnardius zonarius semitorquatus (Quoy & Gaimard, 1830)	Ringneck parrot/28 parrot		Aves
Biziura lobata (Shaw, 1796)	Musk duck		Aves
Calidris ruficollis (Pallas, 1776)	Red-necked stint	MI	Aves
Calyptorhynchus banksii naso Gould, 1837	Forest red-tailed black cockatoo	VU (VU)	Aves
Charadrius ruficapillus Temminck, 1822	Red-capped plover		Aves
Chenonetta jubata (Latham, 1802)	Australian wood duck		Aves
Circus approximans Peale, 1848	Swamp Harrier		Aves
Cladorhynchus leucocephalus (Vieillot, 1816)	Banded stilt		Aves
Colluricincla harmonica (Latham, 1802)	Grey shrikethrush		Aves
Coracina novaehollandiae (Gmelin, 1789)	Black-faced cuckoshrike		Aves
Corvus coronoides Vigors & Horsfield, 1827	Australian raven		Aves
Cygnus atratus (Latham, 1790)	Black swan		Aves
Egretta novaehollandiae (Latham, 1790)	White-faced heron		Aves
Elseyornis melanops (Vieillot, 1818)	Black-fronted dotterel		Aves
Erythrogonys cinctus Gould, 1838	Red-kneed dotterel		Aves
Eurostopodus argus Hartert, 1892	Spotted nightjar		Aves
Falco peregrinus Tunstall, 1771	Peregrine falcon	OS	Aves
Fulica atra australis Gould, 1845	Eurasian coot		Aves
Gerygone fusca (Gould, 1838)	Western gerygone		Aves
Gliciphila melanops (Latham, 1802)	Tawny-crowned honeyeater		Aves
Himantopus himantopus (Linnaeus, 1758)	Black-winged stilt		Aves
Lichmera indistincta (Vigors & Horsfield, 1827)	Brown honeyeater		Aves
Malacorhynchus membranaceus (Latham, 1802)	Pink-eared duck		Aves
Malurus splendens (Quoy & Gaimard, 1830)	Splendid fairywren		Aves
Megalurus gramineus (Gould, 1845)	Little grassbird		Aves
Microcarbo melanoleucos (Vieillot, 1817)	Little-pied cormorant		Aves
Oxyura australis Gould, 1836	Blue-billed duck		Aves
Pachycephala fuliginosa occidentalis Ramsay, 1878	Western whistler		Aves
Pachycephala rufiventris (Latham, 1802)	Rufous whistler		Aves
Pardalotus striatus (Gmelin, 1789)	Striated pardalote		Aves
Petrochelidon nigricans (Vieillot, 1817)	Tree martin		Aves
Petroica goodenovii (Vigors & Horsfield, 1827)	Red-capped robin		Aves
Phalacrocorax sulcirostris (von Brandt, 1837)	Little-black cormorant		Aves
Phalacrocorax varius (Gmelin, 1789)	Australian pied cormorant		Aves
Platalea flavipes Gould, 1838	Yellow-billed spoonbill		Aves
Platycercus icterotis xanthogenys Salvadori, 1891	Western Rosella		Aves
Podiceps cristatus (Linnaeus, 1758)	Great crested grebe		Aves
Poliocephalus poliocephalus (Jardine & Selby, 1827)	Hoary-headed grebe		Aves
Polytelis anthopeplus anthopeplus (Lear, 1831)	Regent parrot		Aves
Recurvirostra novaehollandiae Vieillot, 1816	Red-necked avocet		Aves
Sericornis frontalis (Vigors & Horsfield, 1827)	White-browed scrubwren		Aves
Smicrornis brevirostris (Gould, 1838)	Weebill		Aves
Spatula rhynchotis (Latham, 1802)	Australasian shoveler		Aves
Sterna hybrida Pallas, 1811	Whiskered tern		Aves
Stictonetta naevosa (Gould, 1841)	Freckled duck		Aves
Tachybaptus novaehollandiae novaehollandiae (Stephens, 1826)	Australasian grebe		Aves
Tadorna tadornoides (Jardine & Selby, 1828)	Australasian shelduck		Aves
Threskiornis moluccus (Cuvier, 1829)	Australian white ibis		Aves
Threskiornis spinicollis (Jameson, 1835)	Straw-necked ibis		Aves
Tribonyx ventralis (Gould, 1837)	Black-tailed native hen		Aves
Tringa stagnatilis (Bechstein, 1803)	Marsh sandpiper	MI	Aves
Zanda baudinii Lear, 1832	Baudin's black cockatoo	EN (EN)	Aves
Zanda latirostris Carnaby, 1948	Carnaby's black cockatoo	EN (EN)	Aves
Coxiella glabra Macpherson, 1957			Gastropoda
Coxiella striatula (Menke, 1843)			Gastropoda
Agraptocorixa hirtifrons (Hale, 1922)			Insecta
Anisops elstoni Brooks, 1951			Insecta
Anisops hyperion Kirkaldy, 1898			Insecta
Anisops thienemanni Lundblad, 1933			Insecta
Antiporus gilbertii (Clark, 1862)			Insecta
Austroagrion cyane (Selys, 1876)			Insecta
Austroconops mcmillani Wirth & Lee, 1959		P2	Insecta
Berosus approximans Fairmaire, 1879			Insecta
Berosus discolor Blackburn, 1888			Insecta
Berosus majusculus Blackburn, 1888			Insecta
Berosus munitipennis Blackburn, 1895			Insecta
Chironomus occidentalis Skuse, 1889			Insecta
Cladopelma curtivalva (Kieffer, 1917)			Insecta
Cryptochironomus griseidorsum (Kieffer, 1917)			Insecta
Diaprepocoris barycephala Kirkaldy, 1897			Insecta
Dicrotendipes conjunctus (Walker, 1856)			Insecta
Dicrotendipes pseudoconjunctus Epler, 1988			Insecta
Gibbidessus pictipes (Lea, 1899)			Insecta
Gymnometriocnemus Goetghebuer, 1932			Insecta

Haliplus fuscatus Clark, 1862			Insecta
Haliplus gibbus Clark, 1862			Insecta
Hemicordulia tau (Selys, 1871)			Insecta
Kiefferulus intertinctus Skuse, 1889			Insecta
Limbodessus inornatus (Sharp, 1882)			Insecta
Limnophyes vestitus (Skuse, 1889)			Insecta
Megaporus howittii (Clark, 1862)			Insecta
Micronecta robusta Hale, 1922			Insecta
Necterosoma penicillatum (Clark, 1862)			Insecta
Paracymus pygmaeus (W. J. Macleay, 1871)			Insecta
Paracymus spenceri Blackburn, 1896			Insecta
Parakiefferiella variegatus Cranston, 2000			Insecta
Paralimnophyes pullulus (Skuse, 1889)			Insecta
Paramerina levidensis (Skuse, 1889)			Insecta
Polypedilum nubifer Skuse, 1889			Insecta
Procladius paludicola Skuse, 1889			Insecta
Procladius villosimanus Kieffer, 1917			Insecta
Rhantus suturalis (W. S. Macleay, 1825)			Insecta
Sternopriscus multimaculatus (Clark, 1862)			Insecta
Tanytarsus palmatus Freeman, 1961			Insecta
Tanytarsus van der Wulp, 1874			Insecta
Triplectides australis NavÃ¡s, 1934			Insecta
Antechinus flavipes leucogaster (Gray, 1841)	Mardo		Mammalia
Bettongia penicillata ogilbyi (Waterhouse, 1841)	Woylie	CR (EN)	Mammalia
Cercartetus concinnus (Gould, 1845)	Western pygmy possum		Mammalia
Dasyurus geoffroii Gould, 1841	Chuditch	VU (VU)	Mammalia
Hydromys chrysogaster Geoffroy, 1804	Rakali, water rat		Mammalia
Isoodon fusciventer (Gray, 1841)	Quenda		Mammalia
Macropus fuliginosus melanops Gould, 1842	Western grey kangaroo		Mammalia
Myrmecobius fasciatus Waterhouse, 1836	Numbat	EN (EN)	Mammalia
Notamacropus eugenii derbianus J.E. Gray, 1837	Tamar wallaby		Mammalia
Notamacropus irma (Jourdan, 1837)	Western brush wallaby		Mammalia
Phascogale calura Gould, 1844	Red-tailed phascogale, Kengoor	CD (VU)	Mammalia
Phascogale tapoatafa wambenger Aplin, Rhind, Ten Have & Chesser, 2015	Brush-tailed phascogale, Wambenger	CD	Mammalia
Trichosurus vulpecula hypoleucus	Common brushtail possum		Mammalia
Acritoscincus trilineatus (Gray, 1839)	Western three-lined skink		Reptilia
Anilios australis Gray, 1845	Southern blind snake		Reptilia
Aprasia repens (Fry, 1914)	Sedgeland worm-lizard		Reptilia
Christinus marmoratus (Gray, 1845)	Marbled gecko		Reptilia
Crenadactylus ocellatus (Gray, 1845)	Western clawless gecko		Reptilia
Cryptoblepharus buchananii (Gray, 1838)	Buchanan's snake-eyed skink		Reptilia
Cryptoblepharus plagiocephalus (Cocteau, 1836)	Peron's snake-eyed skink		Reptilia
Ctenotus delli Storr, 1974	Dell's skink		Reptilia
Ctenotus impar Storr, 1969	Odd-striped ctenotus		Reptilia
Delma fraseri Gray, 1831	Fraser's scalyfoot		Reptilia
Diplodactylus granariensis granariensis Storr, 1979	Western stone gecko		Reptilia
Diplodactylus lateroides Doughty & Oliver, 2013	Speckled stone gecko		Reptilia
Egernia napoleonis (Gray, 1838)	Southwestern crevice skink		Reptilia
Hesperoedura reticulata (Bustard, 1969)	Reticulated velvel gecko		Reptilia
Lerista distinguenda (Werner, 1910)			Reptilia
Lialis burtonis Gray, 1835	Burton's legless lizard		Reptilia
Menetia greyii Gray, 1845	Common dwarf skink		Reptilia
Morethia lineoocellata (Dumeril & Bibron, 1839)			Reptilia
Morethia obscura (Storr, 1973)			Reptilia
Pogona minor (Sternfeld, 1919)	Western bearded dragon		Reptilia
Pseudonaja affinis affinis GÃ¼nther, 1872	Dugite		Reptilia
Simoselaps bertholdi (Jan, 1859)	Jans banded snake		Reptilia
Suta gouldii (Gray, 1841)	Gould's hooded snake		Reptilia
Underwoodisaurus milii Bory de Saint-Vincent, 1825	Barking gecko		Reptilia
Varanus gouldii (Gray, 1838)	Sand goanna		Reptilia
Tiliqua rugosa rugosa (Gray, 1825)	Bobtail		Reptilia
Notechis scutatus (Peters, 1861)	Tiger snake		Reptilia
Pseudechis australis (Gray, 1842)	Mulga snake		Reptilia
Pseudonaja modesta (GÃ¼nther, 1872)	Ringed brown snake		Reptilia
Tiliqua occipitalis (Peters, 1863)	Western blue-tongue		Reptilia

Appendix 4: Biodiversity in the Shire of West Arthur





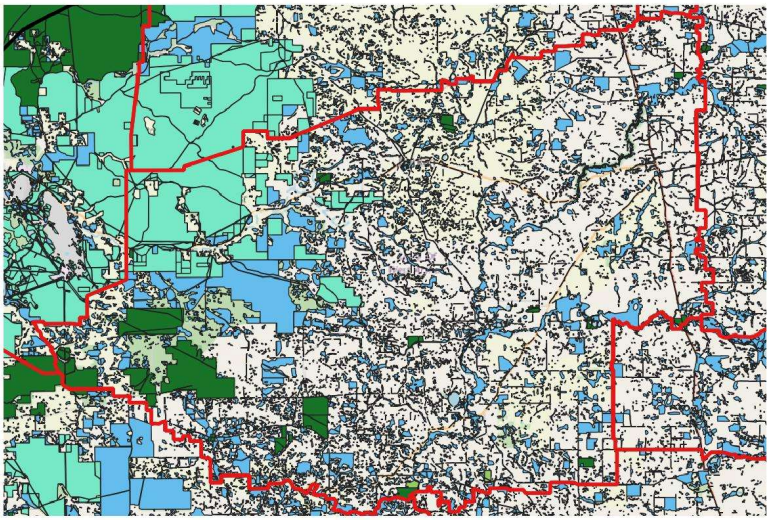
How do we measure biodiversity?

- Records of plants and animals
- Mapping and classification of native vegetation and its extent remaining
- Mapping of waterways, wetlands, granite outcrops, ect
- Use modelling to interpret base data and create surrogates (habitat mapping, connectivity rating, priority rating)

Local Natural Area significance

- Areas of recognised international, national or regional values which could include areas of scientific or evolutionary importance.
- Representation of ecological communities including vegetation unique to Local Government area
- Diversity – priority species and communities
- Rarity – threatened species and ecological communities
- Maintenance of ecological processes or natural systems (connectivity)
- Protection of wetland, streamline, and granite outcrops.

Focus on 'Local Natural Areas' including biodiversity on public and private lands



66% of remaining vegetation in the Shire is classified as Local Natural Area (blue areas on the map above)

Diversity of vegetation

2018 vegetation extent by vegetation associations in the Shire of West Arthur

	Vegetation Association	Pre-European Extent in the Shire (ha)	Current Extent in the Shire (ha)	% Remaining in the Shire	Protected (IUCN I - IV) (ha)	% Pre-European Extent in IUCN I - IV (proportion of Pre-European Extent)	Current Extent in All DBCA-Managed Land	% Current Extent in All DBCA-Managed Land (proportion of Current Extent)
3	Medium forest; jarrah-marri	98,993.88	51,072.96	51.59	8,271.24	8.59	25,816.32	50.55
4	Medium woodland; marri & wandoo	142,591.25	24,909.19	17.47	864.06	0.75	1,184.37	4.75
7	Medium woodland; York gum (Eucalyptus loxophleba) & wandoo	4,185.69	635.32	15.18	36.60	0.98	36.60	5.76
37	Shrublands; teatree thicket	174.74	58.77	33.63	30.25	17.81	30.25	51.47
48	Shrublands; scrub-heath	434.46	183.97	42.35	63.00	15.63	66.96	36.39
949	Low woodland; banksia	426.87	172.25	40.35	16.86	4.31	16.86	9.79
992	Medium forest; jarrah & wandoo (Eucalyptus wandoo)	12,576.12	3,604.01	28.66	406.24	3.83	412.00	11.43
1023	Medium woodland; York gum, wandoo & salmon gum (Eucalyptus salmonophloia)	13,787.20	2,567.71	18.62	98.41	0.75	98.41	3.83
1036	Low woodland; Banksia prionotes	456.29	122.00	26.74	9.74	2.50	9.74	7.98
1051	Shrublands; teatree thicket with scattered wandoo & yate	128.78	0.16	0.12			0.00	0.00
1073	Medium woodland; wandoo & mallet	692.12	262.26	37.89			0.00	0.00
1114	Shrublands tree-heath; paperbark over teatree thickets	8,735.02	3,318.61	37.99	337.70	4.43	1,595.18	48.07
Total		283,182.40	86,907.22	31%	10,134.09	4%	29,266.68	34%

Key: Orange = <10% remaining, Yellow = <30% remaining

Note, due to the limitations of the vegetation extent mapping methodology, the statistics are considered to be an overestimate of on-ground status of vegetation retention. Therefore, a buffer is used, so vegetation associations retained as 15% are considered to meet the 10% threshold and 40% is used for the 30% threshold.

Diversity of vegetation 2

2018 vegetation extent by vegetation complexes in the Shire of West Arthur (note vegetation complexes are mapped only across the western portion of the Shire

Key: Orange = <10% remaining, Yellow = <30% remaining
Highlight yellow = vegetation complexes mapped not mapped outside the Shire

Note, due to the limitations of the vegetation extent mapping methodology, the statistics are considered to be an overestimate of on-ground status of vegetation retention. Therefore, a buffer is used, so vegetation complexes retained as 15% are considered to meet the 10% threshold and 40% is used for the 30% threshold.

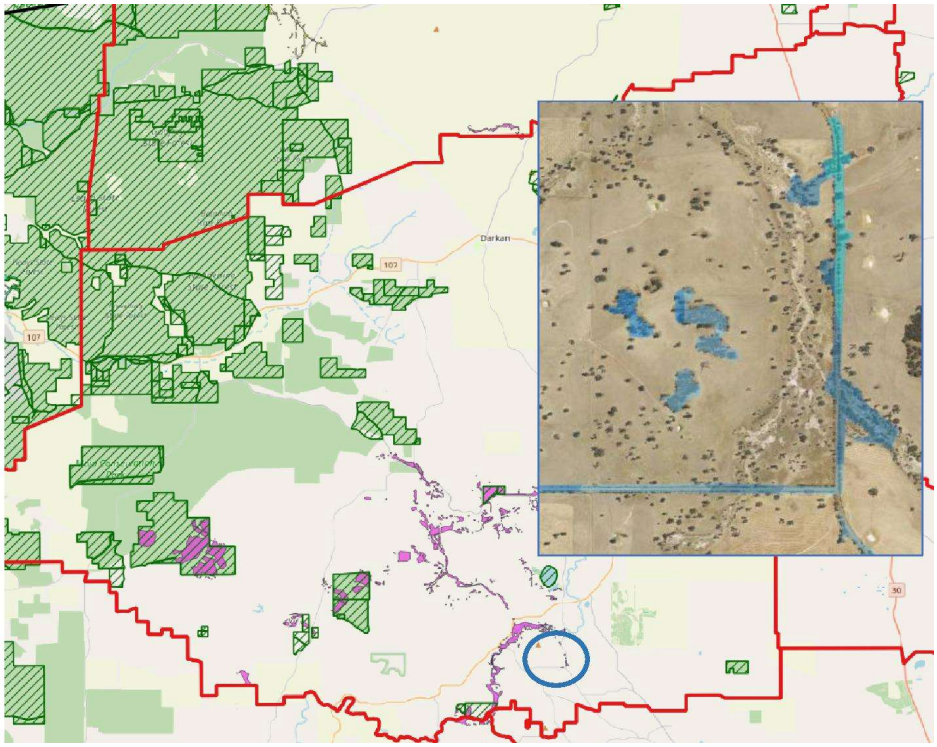
Subregion of the South-West Forests	Broad landform	*Combined Vegetation Complex (Regional retention status)*	Pre-European Extent (ha)	Current Extent (ha)	% Remaining	Proportion of the Vegetation Complex Class Mapping extent within each LGA* (%)
Darling Plateau	Uplands	Boscabel, Bo1	412.55	34.63	8.39	18.80
Darling Plateau	Uplands	Boscabel, Bo1s	385.23	190.41	49.43	60.21
Collie Plain	Uplands	Collie, CI	116.16	114.38	98.47	1.06
Darling Plateau	Uplands	Dalmore 2, DM2	5,441.84	2,235.94	41.09	12.63
Darling Plateau	Uplands	Darkin 1, Dk1	14,351.16	4,406.29	30.70	69.32
Darling Plateau	Valleys	Darkin 2, Dk2	15,046.09	2,305.34	15.32	81.80
Darling Plateau	Valleys	Darkin 3, Dk3	6,406.36	789.04	12.32	85.02
Darling Plateau	Valleys	Darkin 4, Dk4	7,262.69	1,004.38	13.83	77.25
Darling Plateau	Valley Floors and Swamps	Darkin 5, Dk5	3,230.56	831.32	25.73	61.93
Darling Plateau	Valley Floors and Swamps	Darkin 5f, Dk5f	5,476.64	1,433.68	26.18	93.98
Darling Plateau	Uplands	Dwellingup, D4	8,039.08	6,547.21	81.44	6.07
Darling Plateau	Uplands	Farrar 1, Fa1	894.01	398.61	44.59	37.35
Darling Plateau	Valleys	Farrar 2, Fa2	835.05	100.68	12.06	30.66
Darling Plateau	Valleys	Farrar 3, Fa3	1,464.50	170.41	11.64	35.40
Darling Plateau	Valley Floors and Swamps	Farrar 4, Fa4	186.53	13.59	7.28	17.26
Darling Plateau	Valley Floors and Swamps	Farrar 5, Fa5	76.85	6.28	8.17	100.00
Darling Plateau	Depressions and Swamps on Uplands	Goonaping, G	2,263.40	876.87	38.74	8.24
Darling Plateau	Uplands	Kulikup 2, KU2	725.01	184.18	25.40	3.18
Darling Plateau	Valley Floors and Swamps	Lakes And Open W	228.68	20.05	8.77	1.65
Darling Plateau	Valleys	Lukin 2, LK2	4,492.98	1,569.13	34.92	17.55
Darling Plateau	Uplands	Mornington, MH	1,129.99	1,002.59	88.73	100.00
Collie Plain	Depressions and Swamps	Muja, MJ	2.82	0.00	0.06	0.03
Darling Plateau	Valleys	Pindalup, Pn	22,448.23	12,154.88	54.15	13.43
Darling Plateau	Depressions and Swamps on Uplands	Qualeup, QU	1,997.85	714.20	35.75	51.91
Darling Plateau	Depressions and Swamps on Uplands	Qualeup, QUs	641.78	372.93	58.11	99.31
Darling Plateau	Depressions and Swamps on Uplands	Qualeup, QUw	4,873.24	1,815.97	37.26	60.70
Darling Plateau	Uplands	Sandalwood, SD	2,722.84	1,145.87	42.08	30.38
Darling Plateau	Depressions and Swamps on Uplands	Stockton, SK	36.16	36.16	100.00	2.00
Darling Plateau	Depressions and Swamps on Uplands	Swamp, S	10,951.73	4,487.69	40.98	20.41
Darling Plateau	Uplands	Wilga, WG	2,576.84	888.38	34.48	6.75
Darling Plateau	Uplands	Yalanbee, Y5	31,161.90	18,498.32	59.36	24.61

Unique vegetation

2020 vegetation extent by vegetation complexes with >90% of pre-European extent mapped within the Shire:

Darkin 5f,	Woodland of Eucalyptus rudis-Melaleuca spp. on lower slopes, low forest of Casuarina obesa and shrubland of Melaleuca spp. on broad valley floors in the arid zone.
Farrar 5, F	Woodland of Eucalyptus wandoo on slopes and woodland of Eucalyptus rudis on valley floors in the arid zone.
Morningto	Open forest to woodland of Eucalyptus wandoo-Eucalyptus marginata subsp. marginata-Corymbia calophylla on lateritic uplands in the semiarid zone.
Qualeup,	Woodland of Eucalyptus marginata subsp. marginata-Banksia attenuata-Banksia grandis on lower sandier slopes in the semiarid zone.

Green hatching shoving lands managed by the Department of Biodiversity, Conservation and Attractions



Threatened and Priority ecological communities

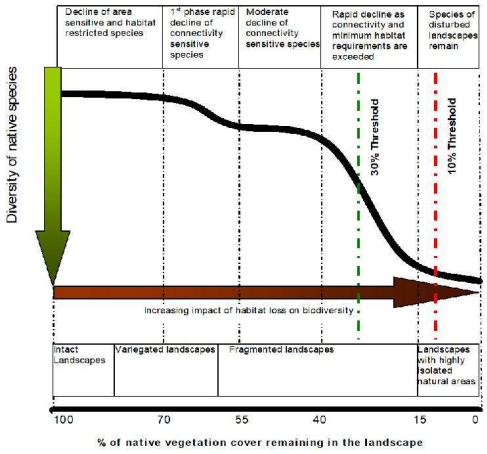
Listed under the Commonwealth legislation:

- Eucalyptus woodlands of the Western Australian Wheatbelt – Critically Endangered (Priority 3)

- Clay pans with shrubs over herbs (Community 117) – Critically Endangered (Priority 1)

State listed:

- Blackwood alluvial flats – Priority 2



Biodiversity loss in relation to native vegetation loss (Smith & Siversten 2001)

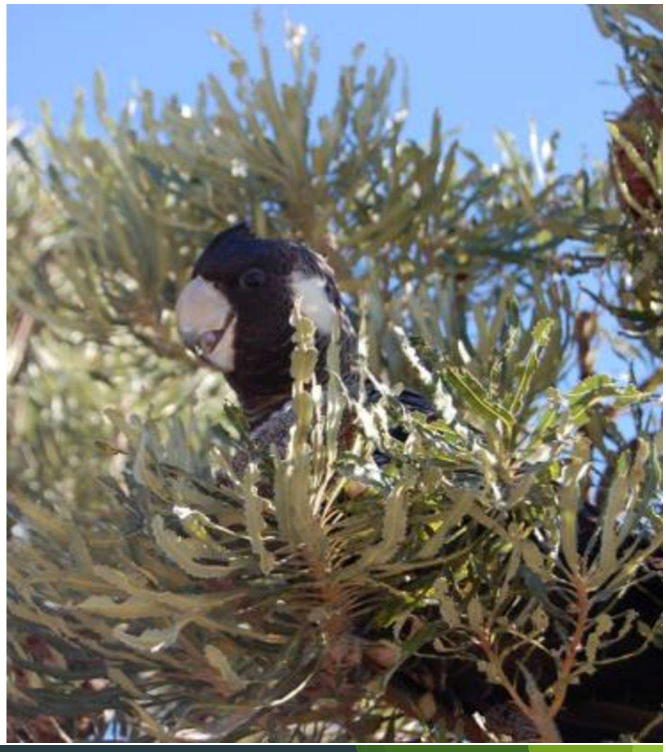
Plants, animals and fungi

	Flora	Fauna	Fungi
EPBC Act listed	18	11	
State listed	19	14	
Priority species	88	8	
Introduced	118		
Total native	**1362**	**117**	**109**

Source: Dandjoo (bio.wa.gov.au)
Protected Matters Search Tool

Other values

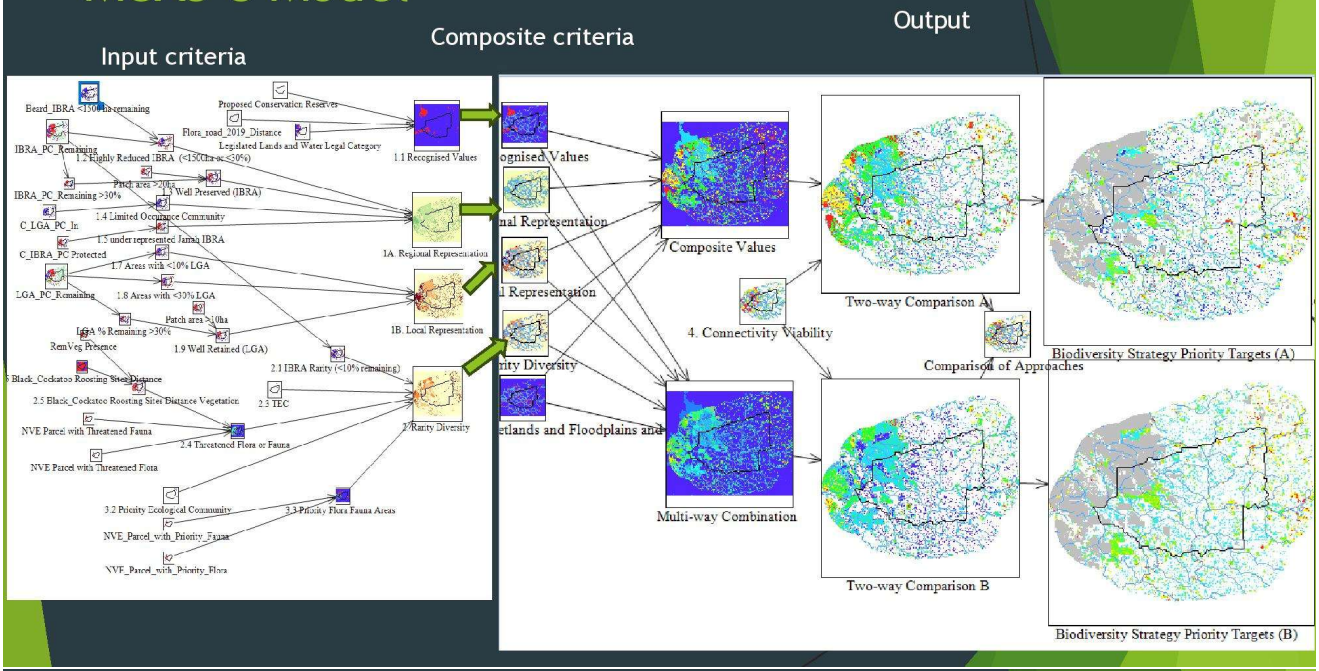
- Habitat mapping
- Wetlands mapping
- Waterways
- Granite outcrops
- Lands with recognised values e.g. Flora Road (Cordering Road)



MCAS-S - Multi Criteria Analysis Shell for Spatial Decision Support by Simon Neville, Ecotones & Associates

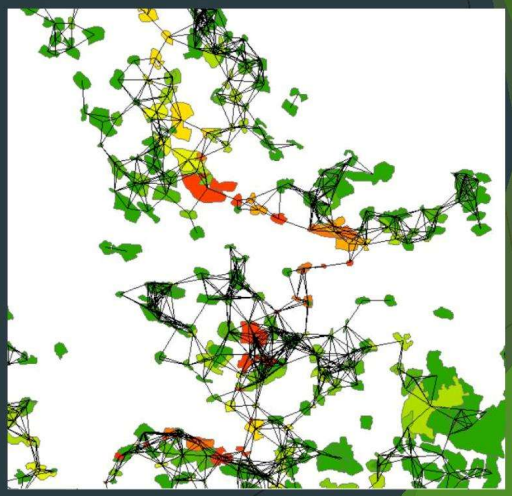
- ABARES developed program
- Solving spatial problems such as location, comparative values, trade-offs
- Implements a 'Multi-Criteria Analysis' Framework
- Allows rapid combination of spatial datasets & criteria specification.
- Provides a spatial representation of the process
- Allows real-time development with interested parties/experts etc.

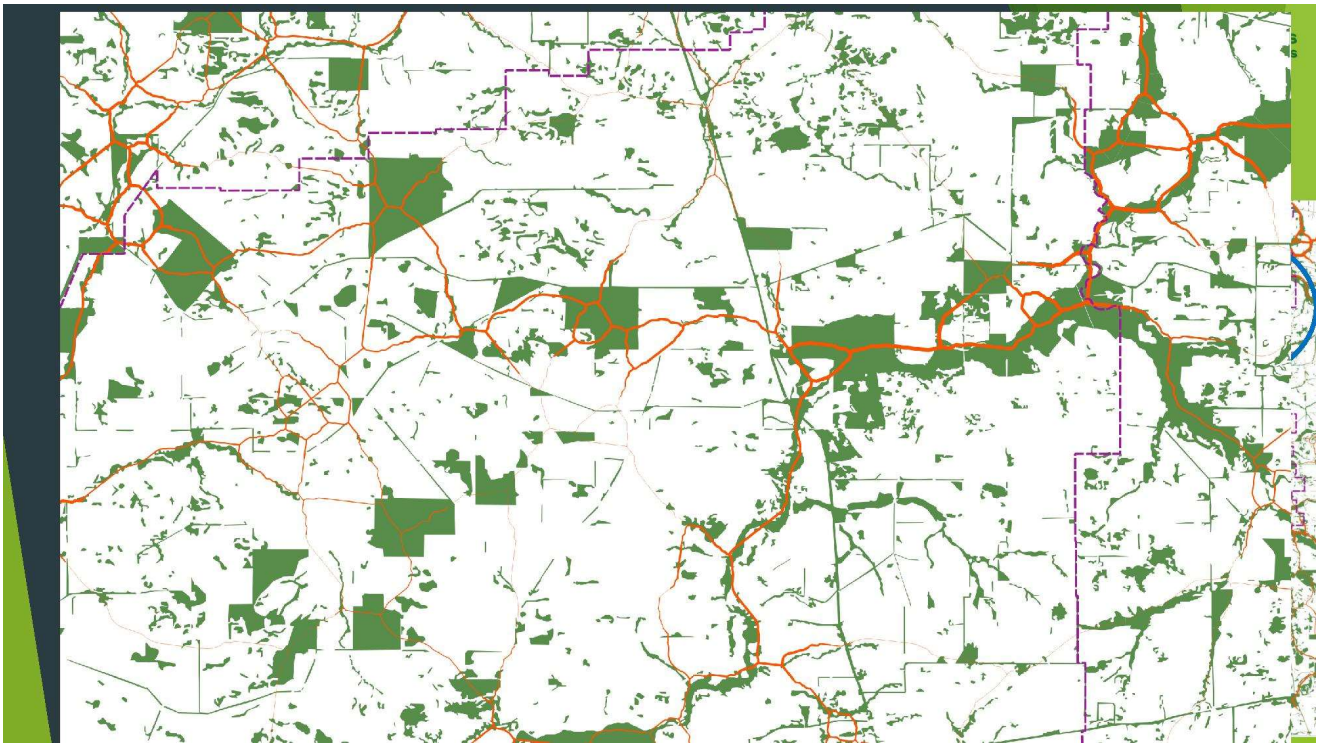
MCAS-S Model

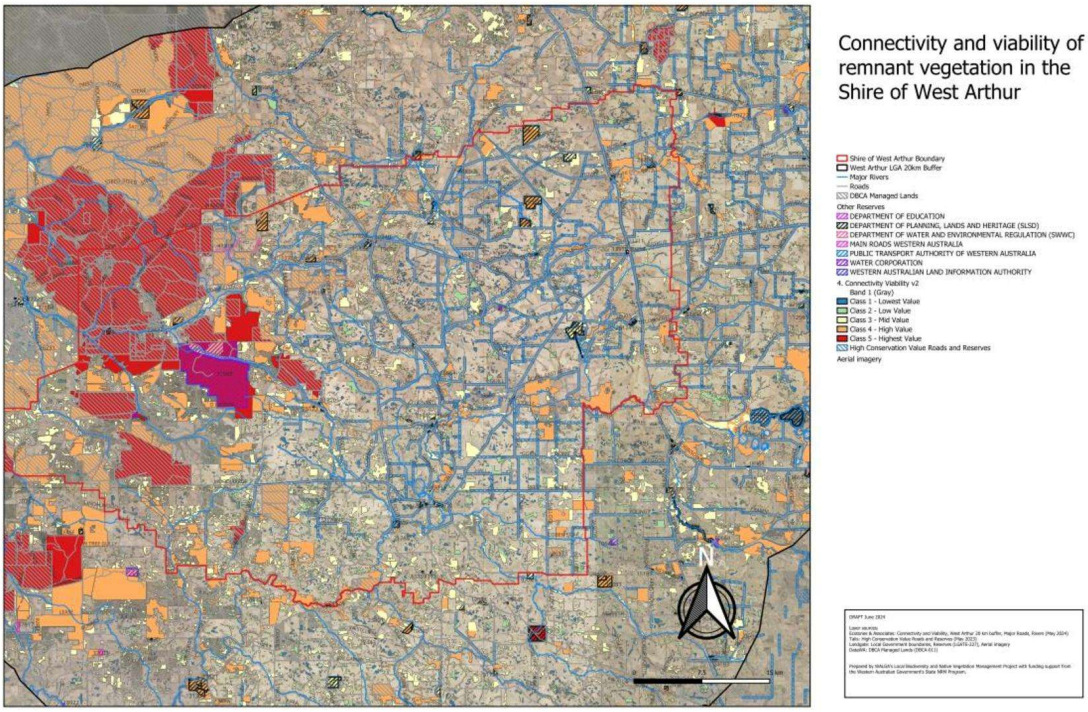


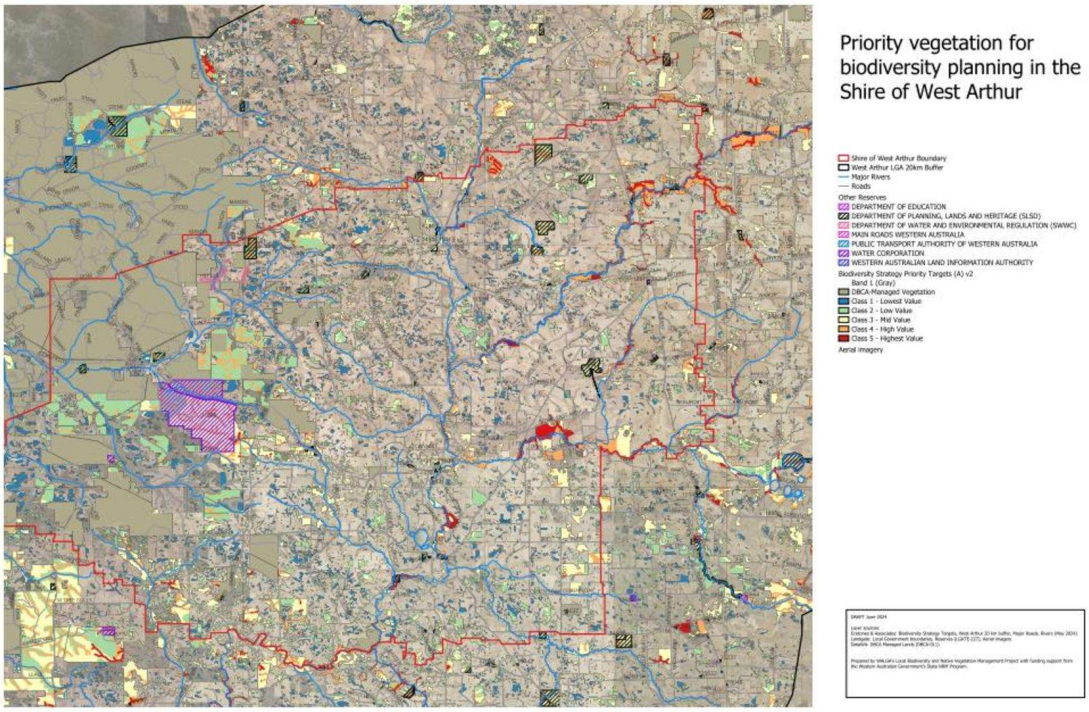
Connectivity analysis = Betweenness Centrality + National Connectivity Potential

- Links are calculated
- Patches that act as bridges (ie stepping stones) have higher scores.
- Assess the importance of single patches.






Connectivity and viability of remnant vegetation in the Shire of West Arthur
Shire of West Arthur Boundary
West Arthur LGA 20km Buffer
Major Rivers
Roads
DBCA Managed Lands
Other Reserves
DEPARTMENT OF EDUCATION
DEPARTMENT OF PLANNING, LANDS AND HERITAGE (SLSD)
DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION (SWWC)
MAIN ROADS WESTERN AUSTRALIA
PUBLIC TRANSPORT AUTHORITY OF WESTERN AUSTRALIA
WATER CORPORATION
WESTERN AUSTRALIAN LAND INFORMATION AUTHORITY
4. Connectivity Viability v2
Band 1 (Gray)
Class 1 - Lowest Value
Class 2 - Low Value
Class 3 - Mid Value
Class 4 - High Value
Class 5 - Highest Value
High Conservation Value Roads and Reserves
Aerial imagery
N



Contact

For further information email to environment@walga.asn.au

Resources

To download the Local Biodiversity Planning Guidelines,

visit WALGA's website

To download mapping data, go to

Western Australian Local Government Association - Organisations - data.wa.gov.au

Acknowledgements

Photo credits: Where not listed, WALGA

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GOVERNMENT OF WESTERN AUSTRALIA

natural resource management program