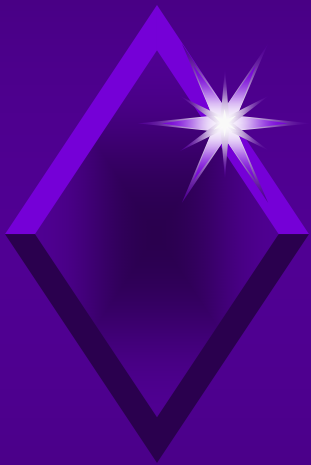


Virtual Reality in Parks and Recreation

Innovative Approaches to Management using Technology



Address by

Dr Syd Shea

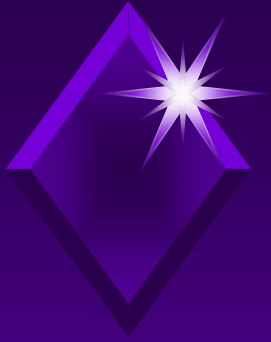
Executive Director

Department of Conservation and Land Management

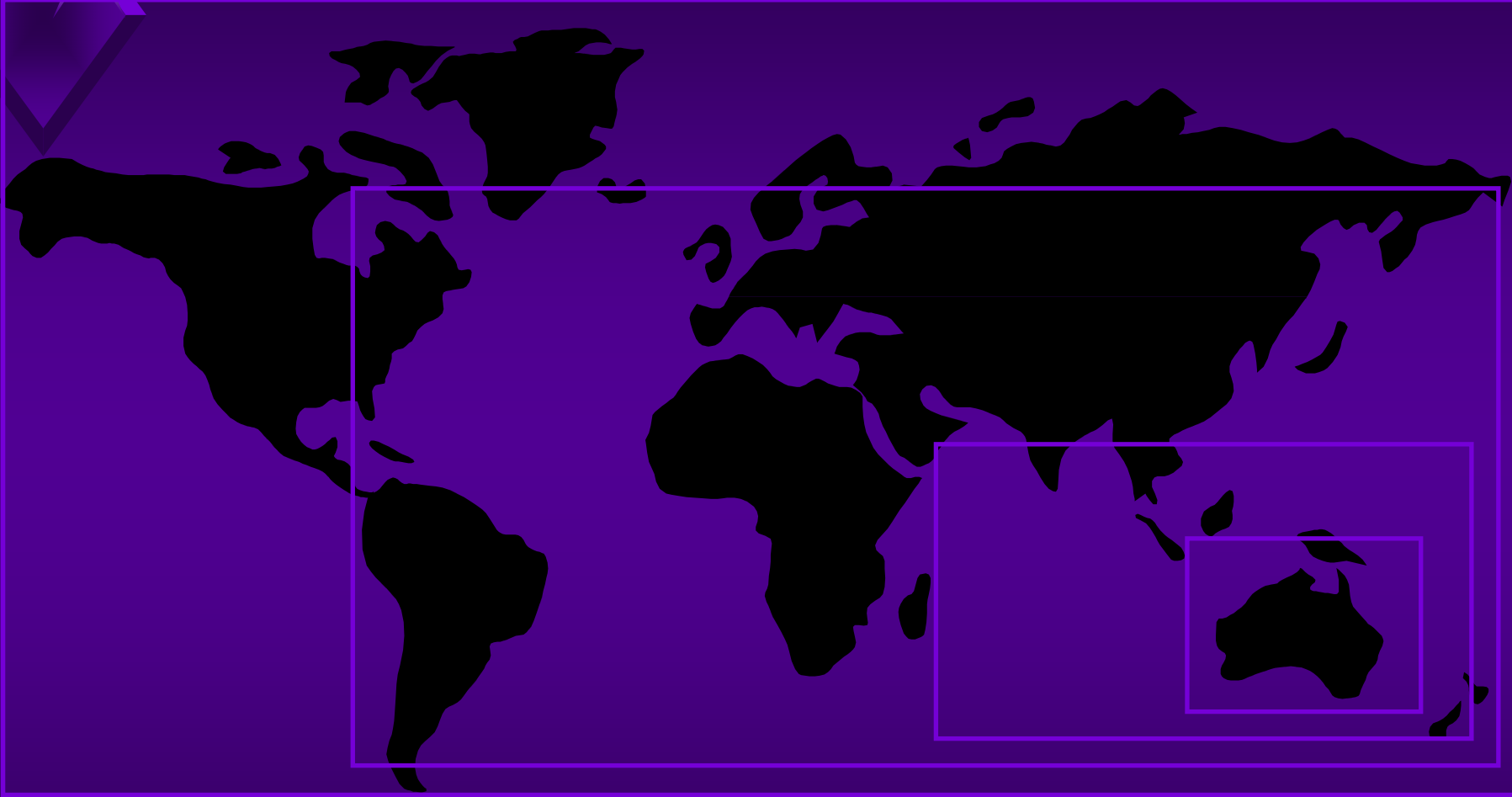
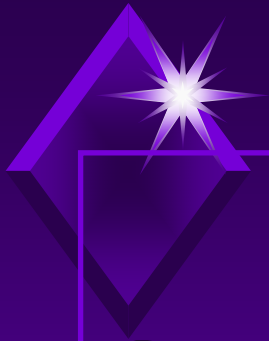
to

R.A.I.P.R. 70th National Conference

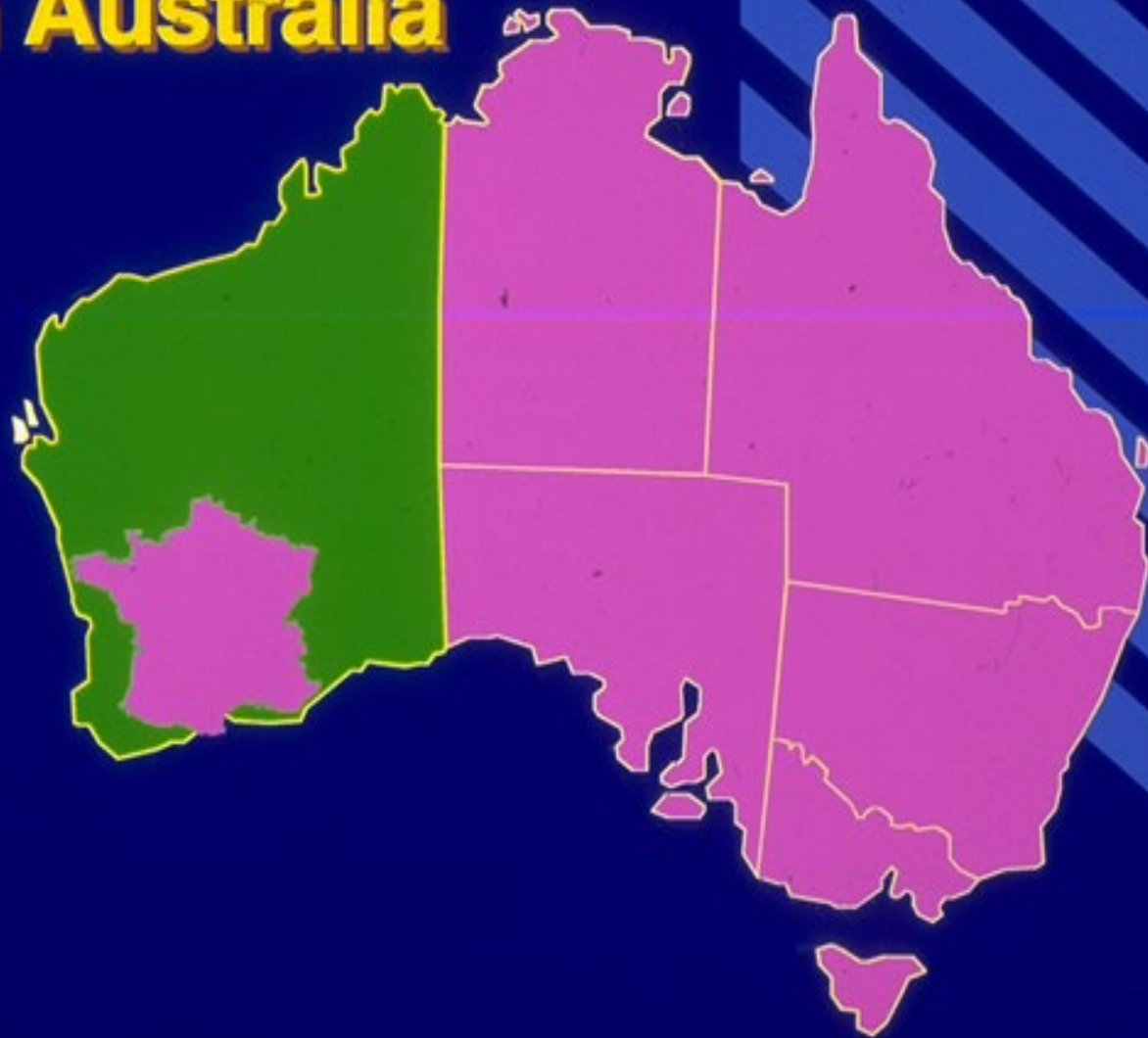
Perth, 3 November 1997



Gizmos



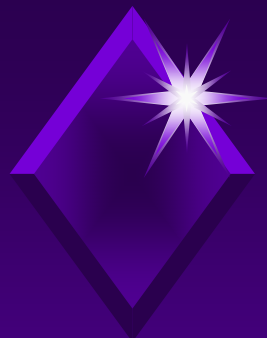
**France occupies a land area
about a quarter the size of
Western Australia**



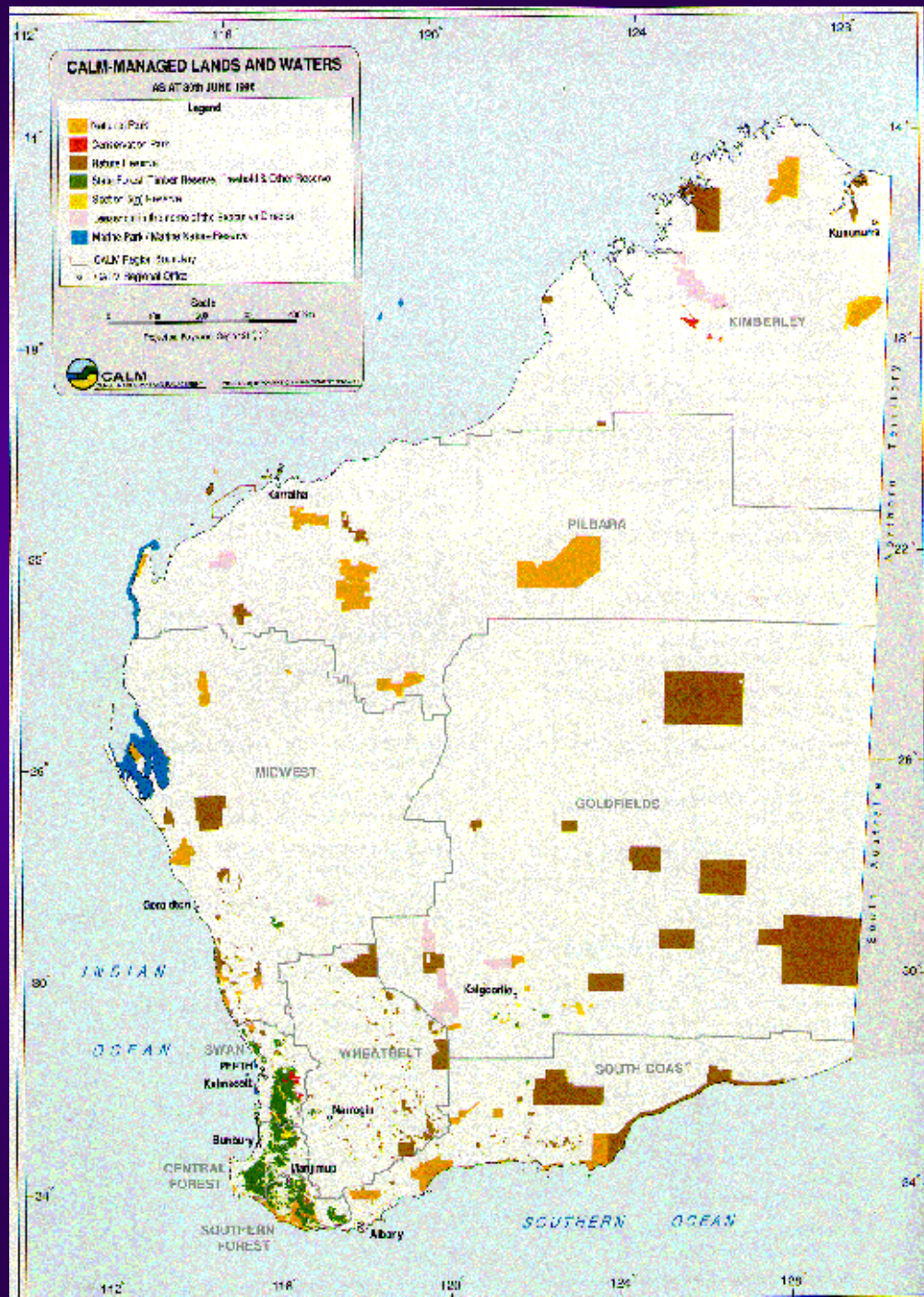
**CALM manages a land area
51% the size of Japan**

51%





CALM managed lands and waters













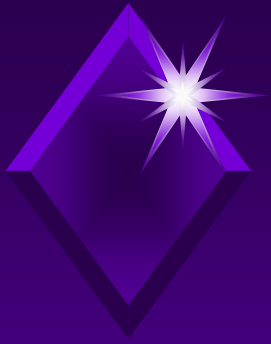






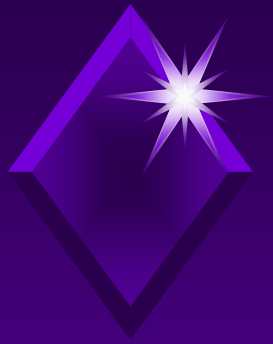






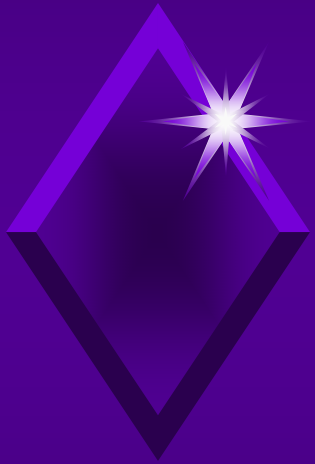






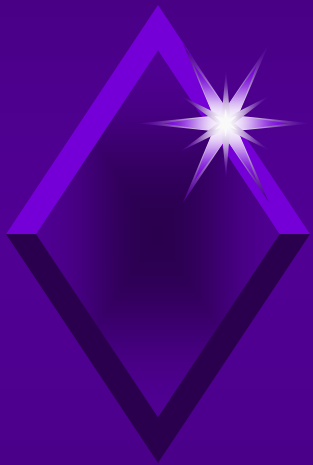
*In 1994, a National Newspannoll of
1200 Australians found that:*

- ❑ 53% of respondents were likely to seek a nature-based tourism experience in the next 12 months
- ❑ the reason that nature-based tourism is so important is because the activities being experienced occur in nature and do not damage the environment

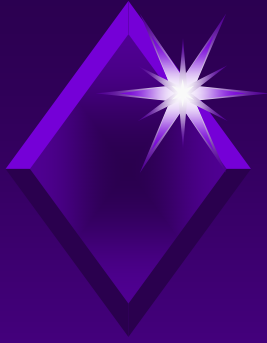


*Management is the
answer*

Integration

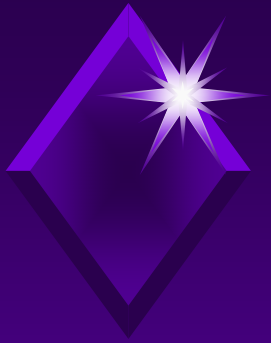


The community owns the land but
there are many constituencies



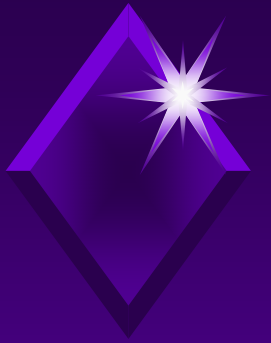


SUSTAINABILITY



Why nature-based tourism needs conservation

- ❑ If we destroy the natural asset there is no product
- ❑ Conservation can create unique natural products
- ❑ Conservation can add value to the nature-based tourism experience
- ❑ Marketing



Why conservation needs nature-based tourism

- ❑ Nature-based tourism educates the community about what is worthwhile conserving
- ❑ Nature-based tourism causes our landscapes, plants and animals to have a tangible value
- ❑ Nature-based tourism increases the number of constituencies who depend on, and hence support conservation
- ❑ Nature-based tourism generates funds for research and management



*The challenge is to manage
effectively and creatively with
finite resources*

- A key component is the use of technology





Back



Forward



Home



Reload



Images



Open



Print



Find



Stop

Location: <http://www.calm.wa.gov.au/>

What's New?

What's Cool?

Handbook

Net Search

Net Directory

Software

NatureBase



Department of Conservation and Land Management Online



ABOUT CALM



NEW PROJECTS



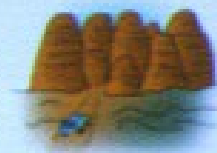
LATEST NEWS



BOOKSHOP



FOREST FACTS



NATIONAL PARKS



NATURE-BASED
TOURISM



LANDSCAPE
ONLINE



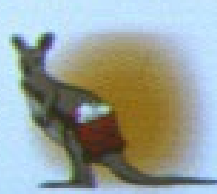
FOR SCHOOLS



VISITOR
REGISTRATION



SEARCH



MAILBOX



Back



Forward



Home



Reload



Images



Open



Print



Find



Stop

Location: http://www.calm.wa.gov.au/national_parks/index.html[What's New?](#)[What's Cool?](#)[Handbook](#)[Net Search](#)[Net Directory](#)[Software](#)

NatureBase

National Parks



Department of Conservation and Land Management Online

[Home](#) [National Parks](#)[ABOUT CALM](#)[NEW PROJECTS](#)[LATEST NEWS](#)[BOOKSHOP](#)[FOREST FACTS](#)[NATIONAL PARKS](#)[NATURE-BASED TOURISM](#)[LANDSCAPE](#)[FOR SCHOOLS](#)[HOME](#)[VISITOR REGISTRATION](#)

National Parks and Other Places

Western Australia is a vast State covering 250 million hectares of some of the most ancient landscapes in the world. This includes rugged gorges, tropical reefs, towering forests, woodlands, white beaches and 7,000 kilometres of coastline.

Western Australia boasts one of the most diverse groups of plants found anywhere, from giant karri trees to underground orchids to brightly coloured wildflowers. It's estimated that Western Australia also has nearly 3,000 native species of animals and birds and fish—and many more insects.

Whether travelling the ancient and varied terrain of the Kimberley to the towering forests of the south-west, from the unique coral reefs off our coast to the endless red plains and dunes of our arid heartland, visitors find an amazing array of outdoor experiences and enjoyable holidays.





Back



Forward



Home



Reload



Images



Open



Print



Find



Stop



Location: http://www.calm.wa.gov.au/national_parks/park_month.html

What's New?

What's Cool?

Handbook

Net Search

Net Directory

Software

NEW PROJECTS

LATEST NEWS

BOOKSHOP

FOREST FACTS

NATIONAL PARKS

NATURE-BASED TOURISM

LANDSCAPE

FOR SCHOOLS

HOME

VISITOR REGISTRATION

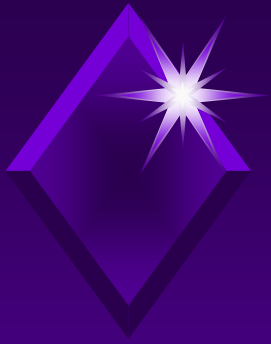
SEARCH

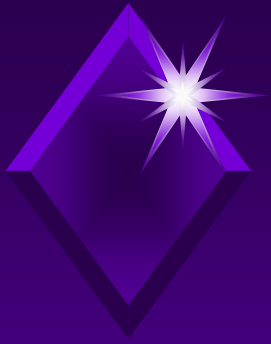
MAIL BOX

Park of the Month - September 1996

Ningaloo Marine Park



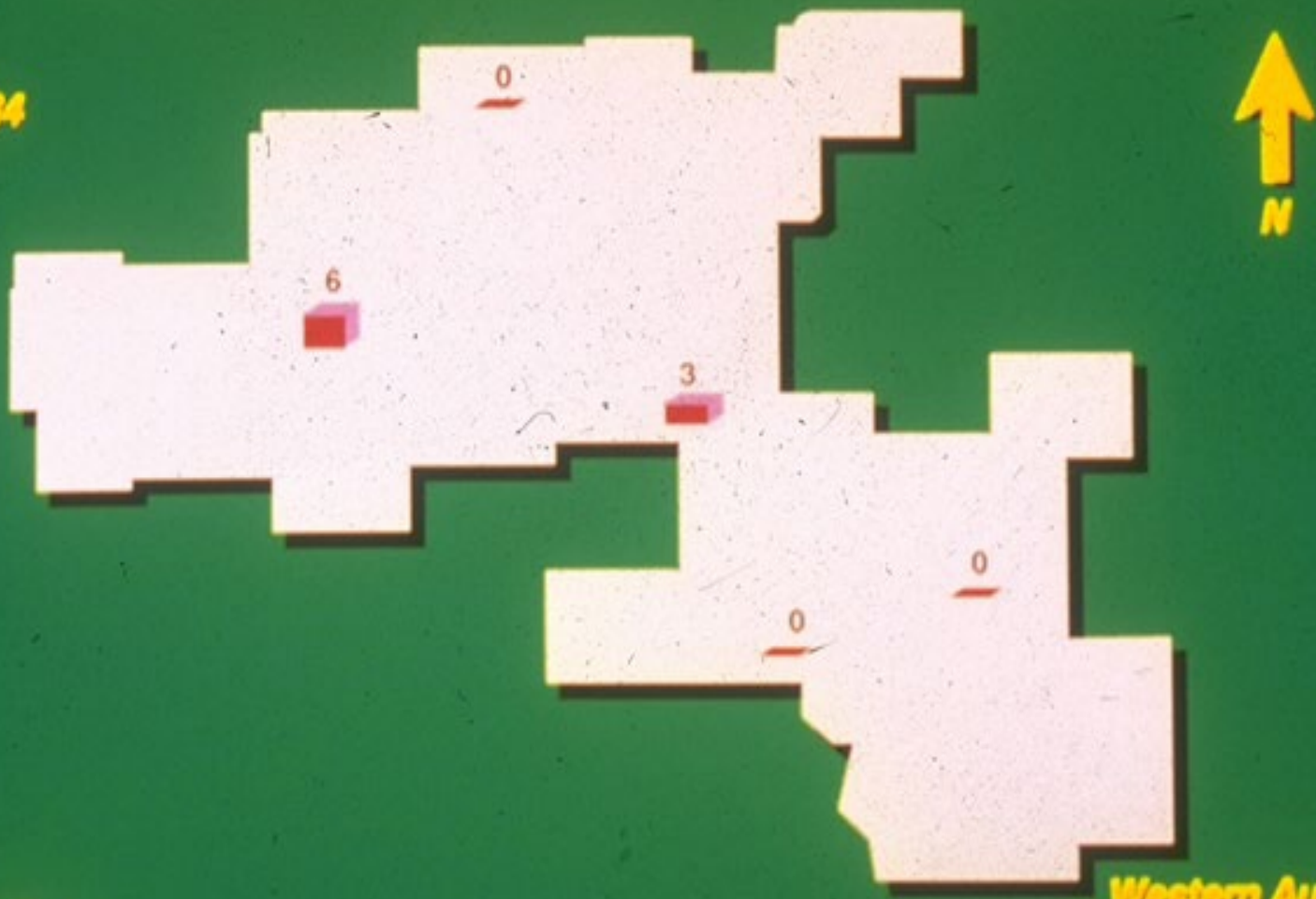




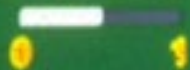
TUTANNING NATURE RESERVE

Bettongia Percentage Capture Rate Pre Fox Control

 1984



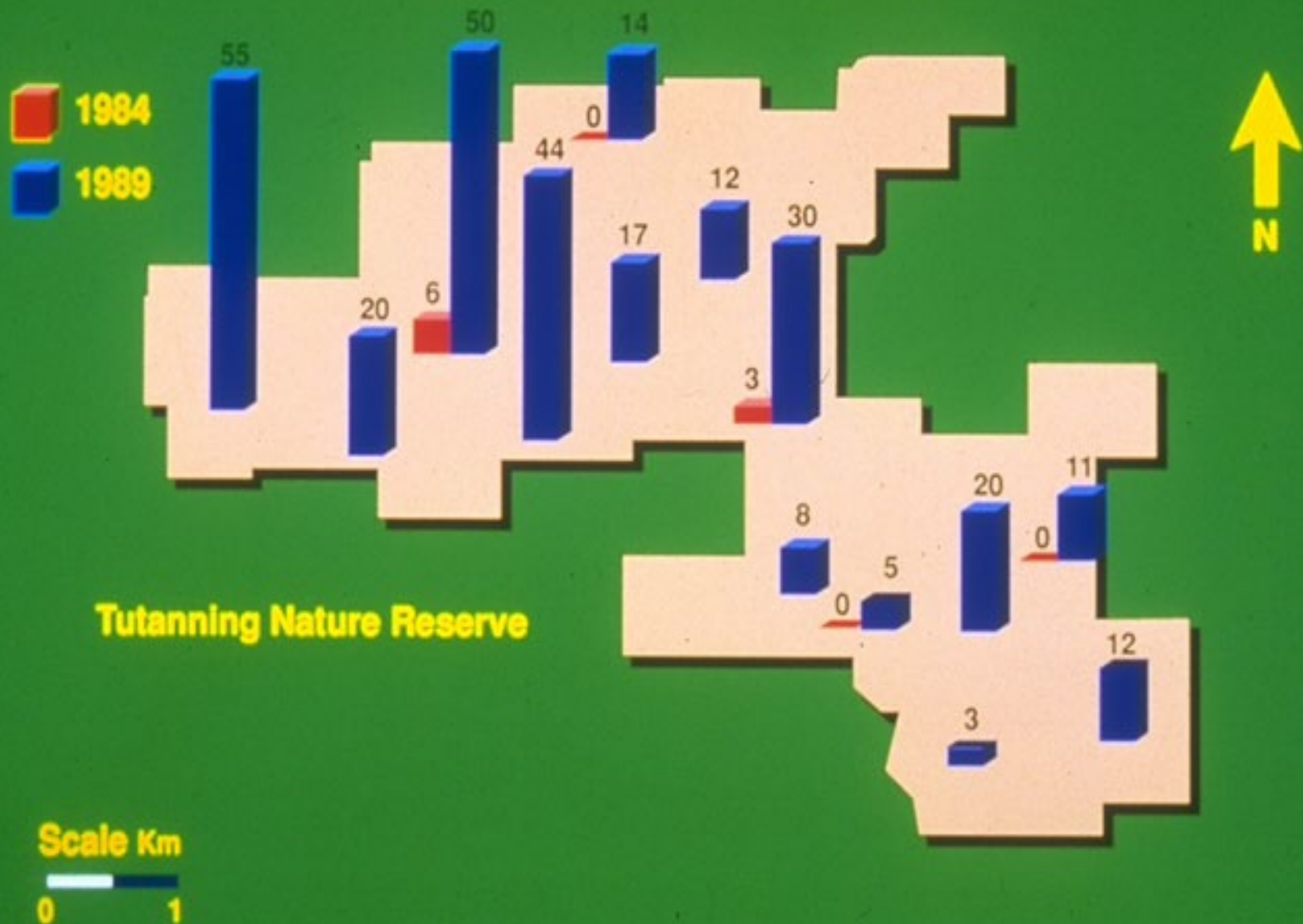
SCALE Km



Western Australia
Conservation and
Land Management

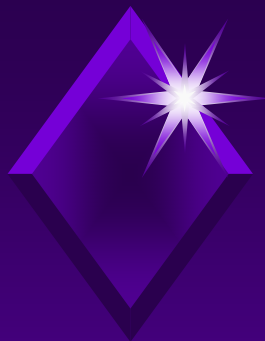
Figure 2

WOYLIE CAPTURE RATE (5 Years of Fox Control)

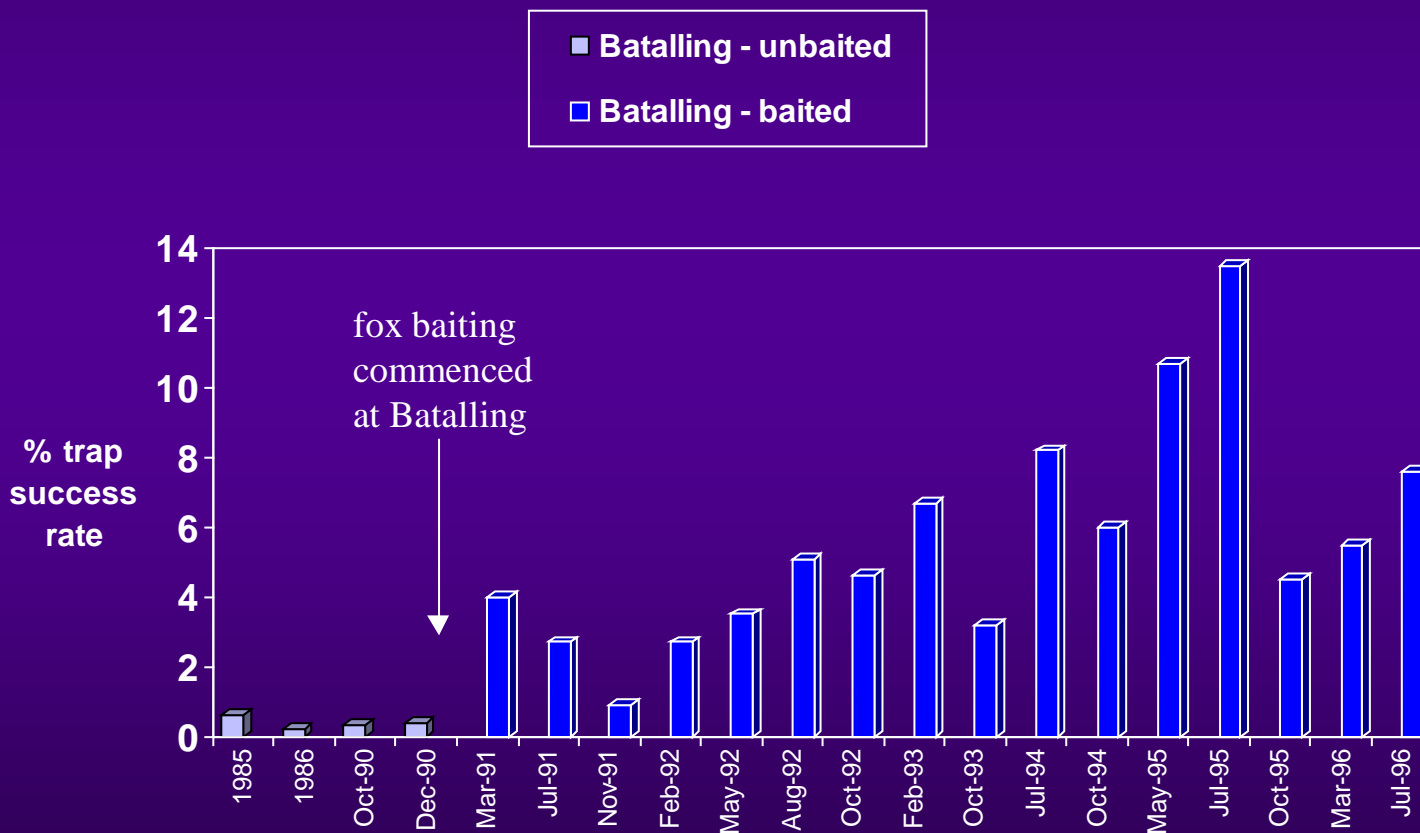








The impact of fox control on Chuditch at Batalling forest

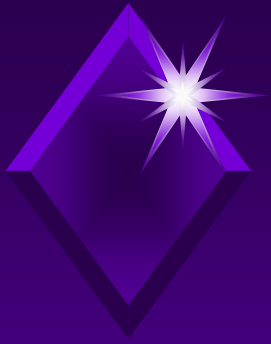




Introducing the Small Twelve







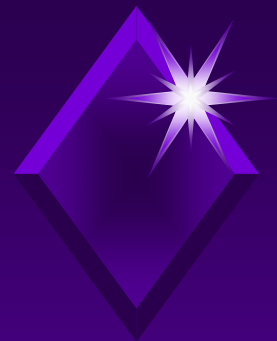




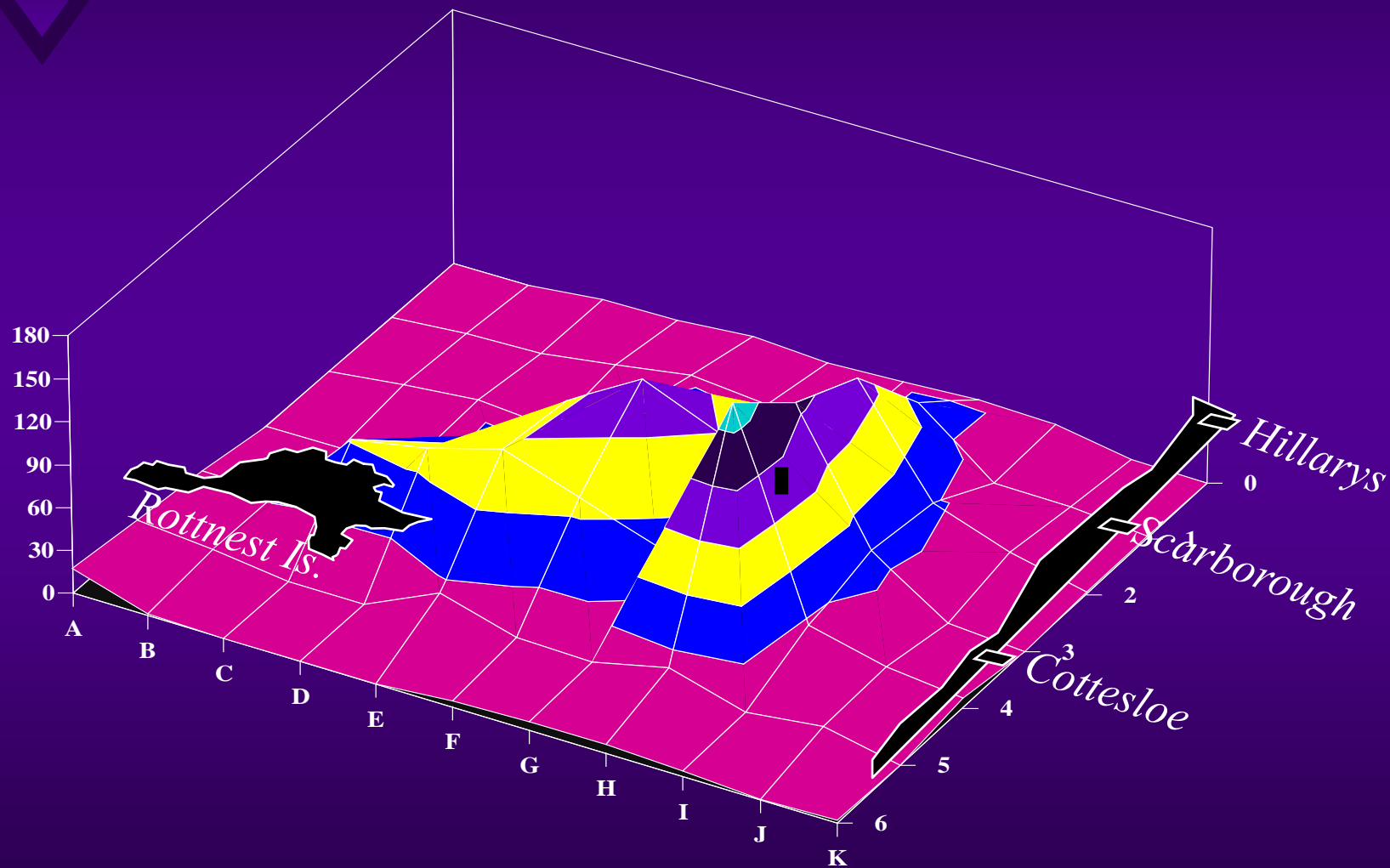


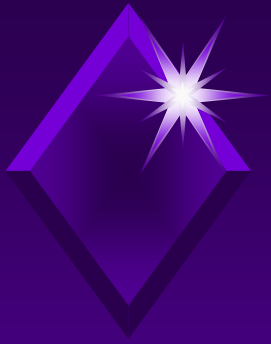






Sightings by Grid Location - 1995



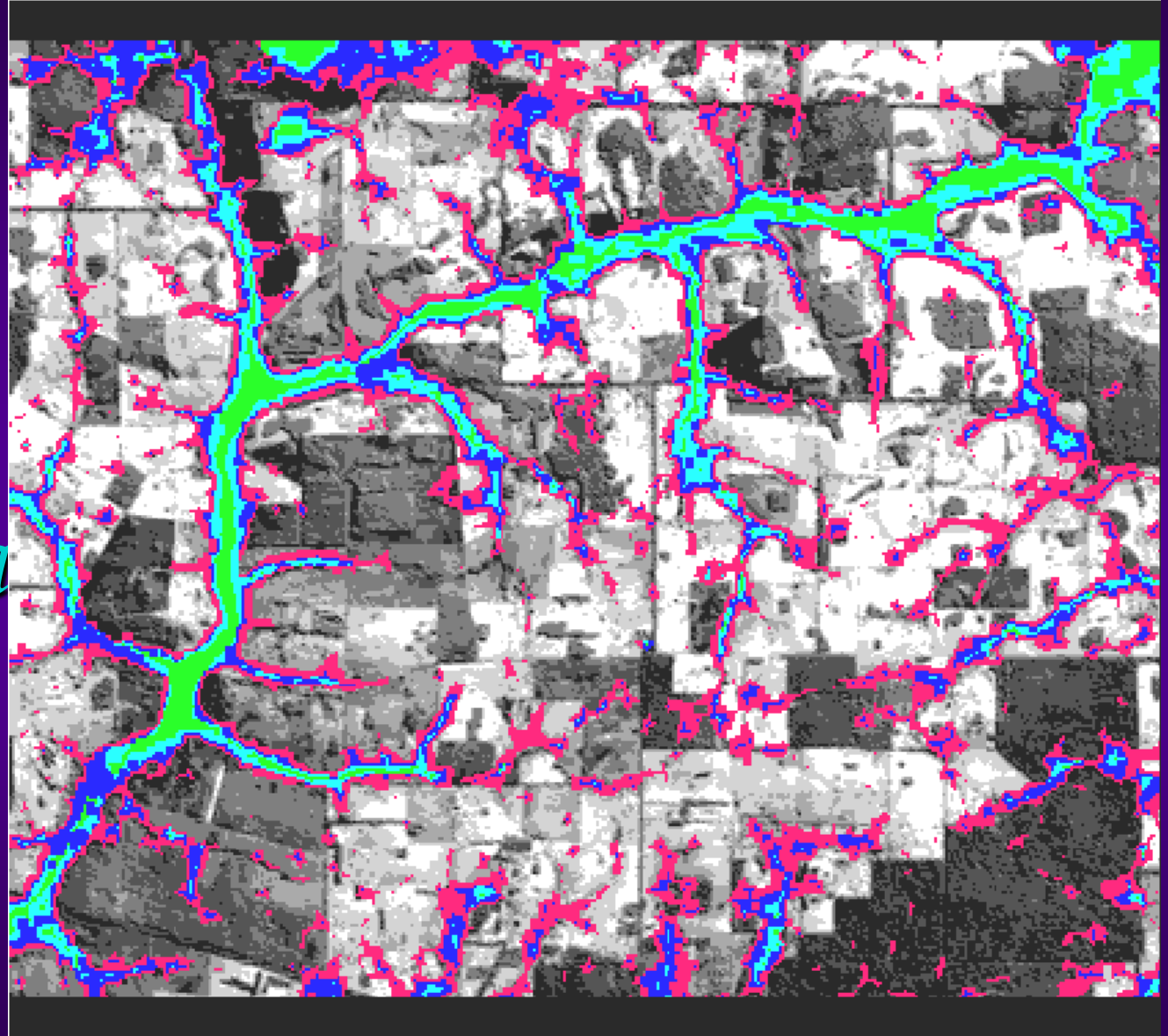


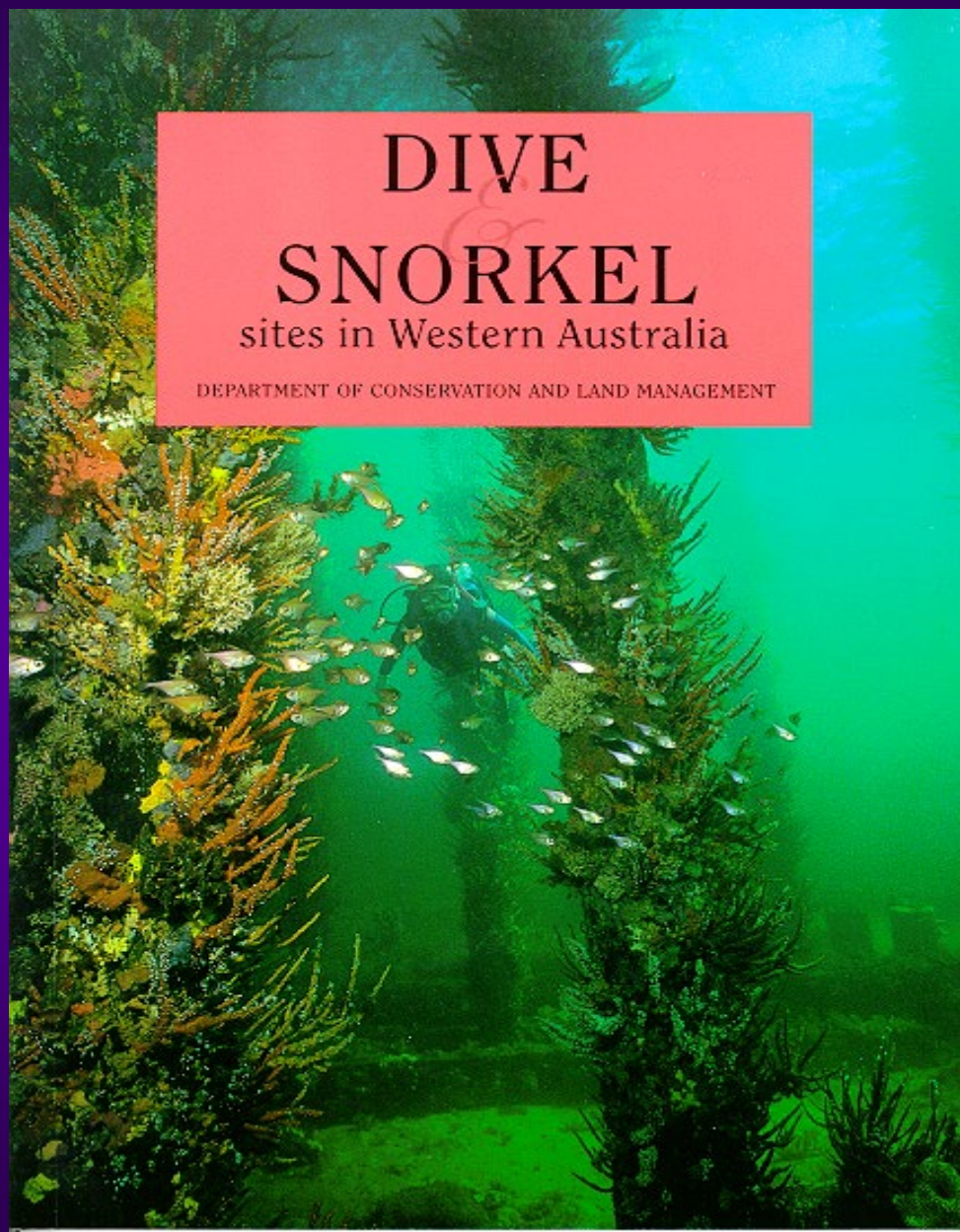
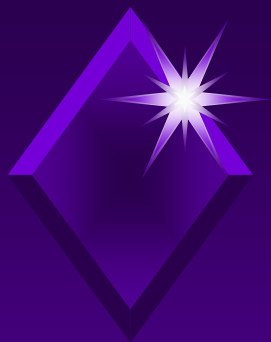
*DNA
technology
and
conservation*





Satellite imagery of salinity







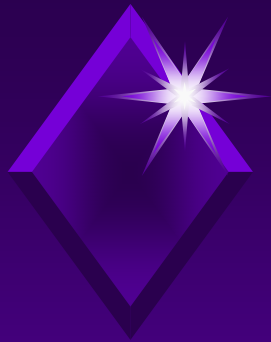
CALM's "Bush Book" series

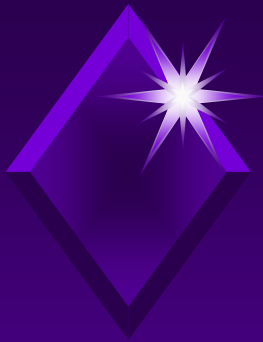




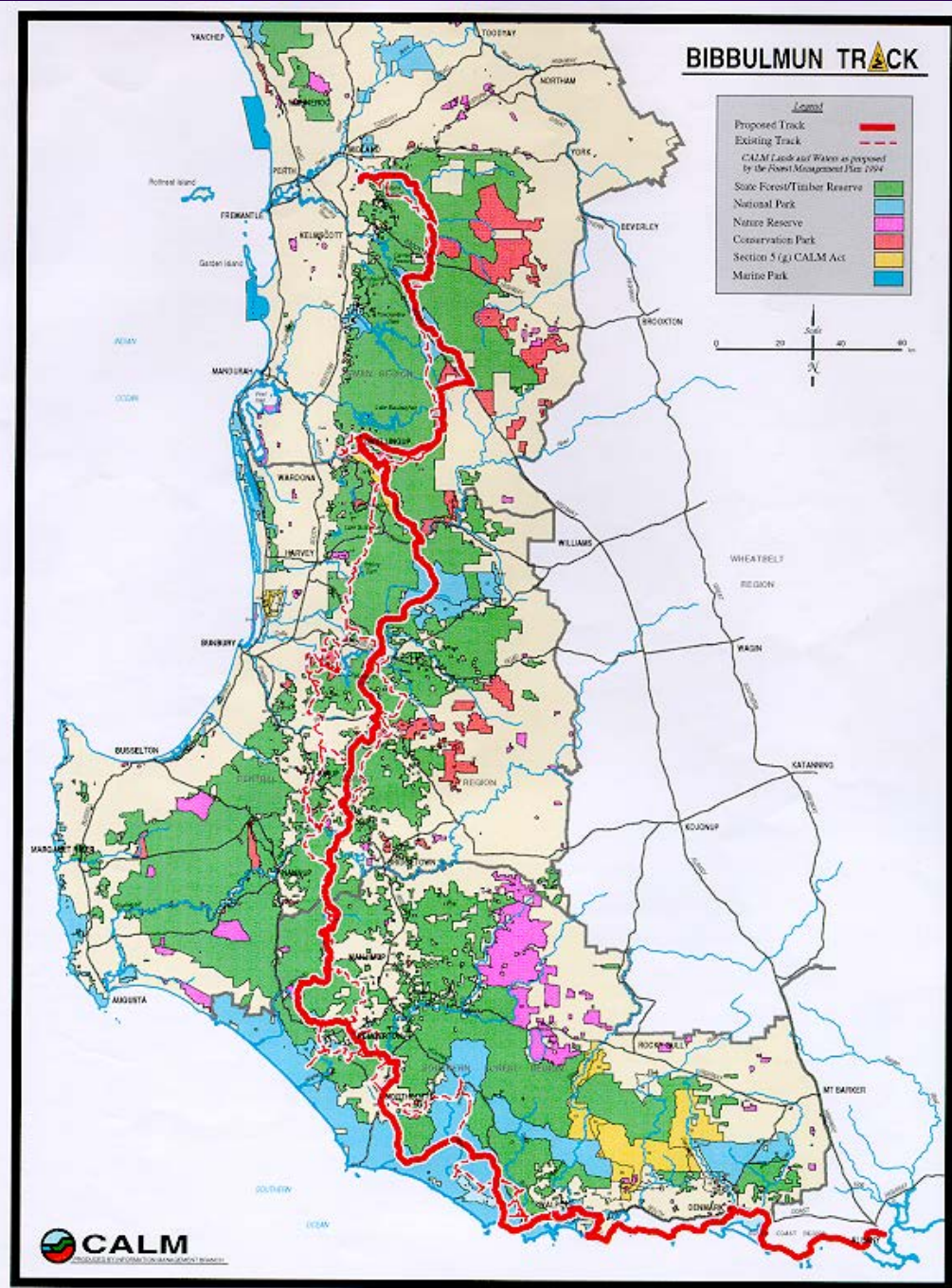
*Dryandra
takes to the
airways*

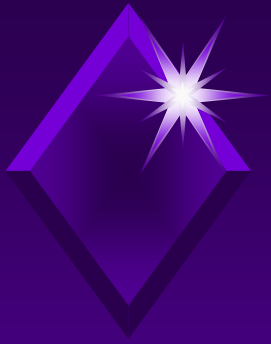






The Bibbulmun Track





Managing the impacts of visitation









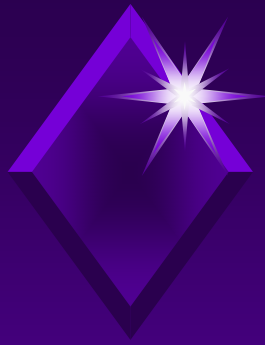
200,000 people have visited the Tree Top Walk
since it opened in September 1996



The Tree-Top Walk covers an
area of 409 m²



7 square metres of land were used to support the Tree
Top Walk



12 months after opening the Tree Top Walk

- ❑ Tourist visitors to Walpole have doubled
- ❑ Six new accommodation outlets have opened
- ❑ A 35-room motel is under construction
- ❑ 200,000 people have visited the Walk