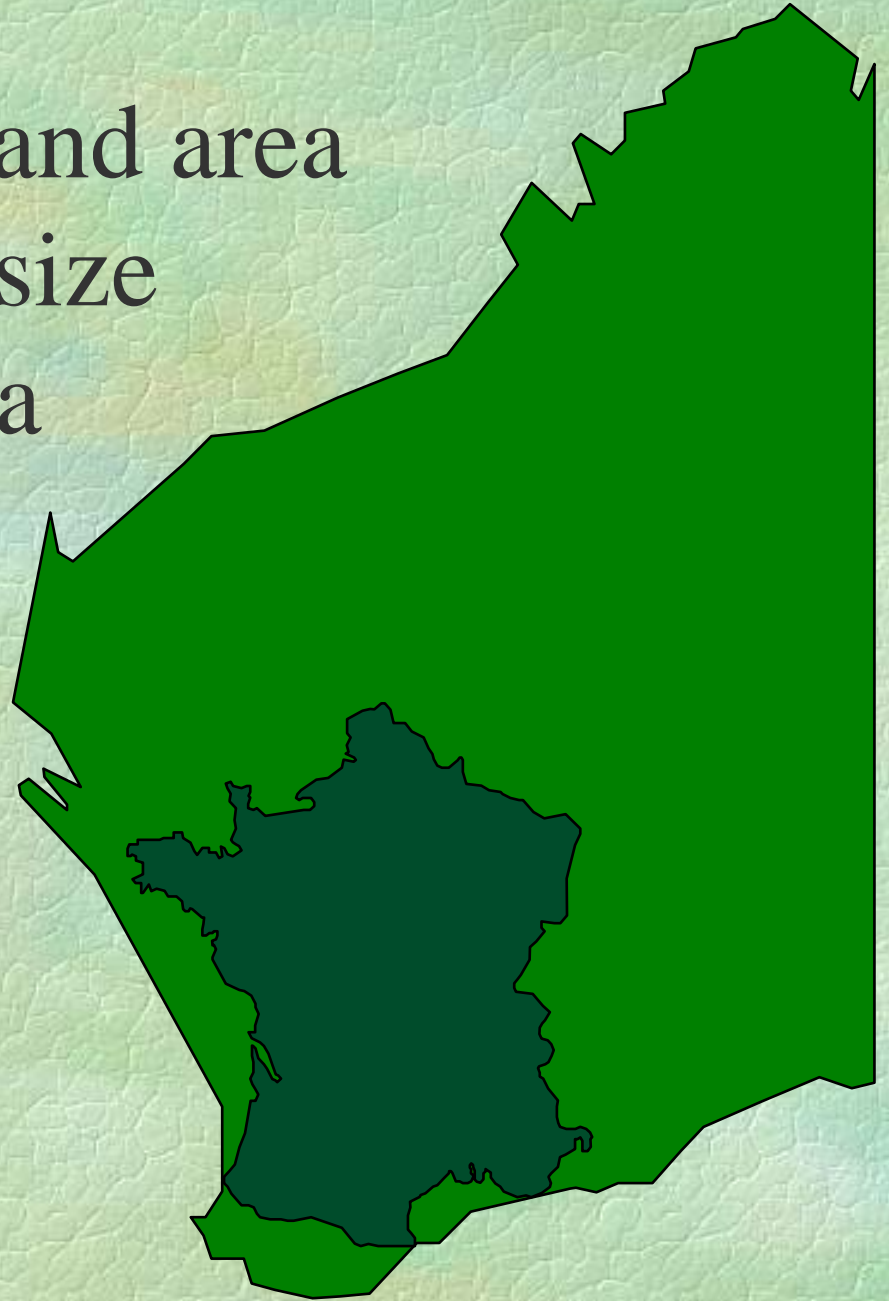
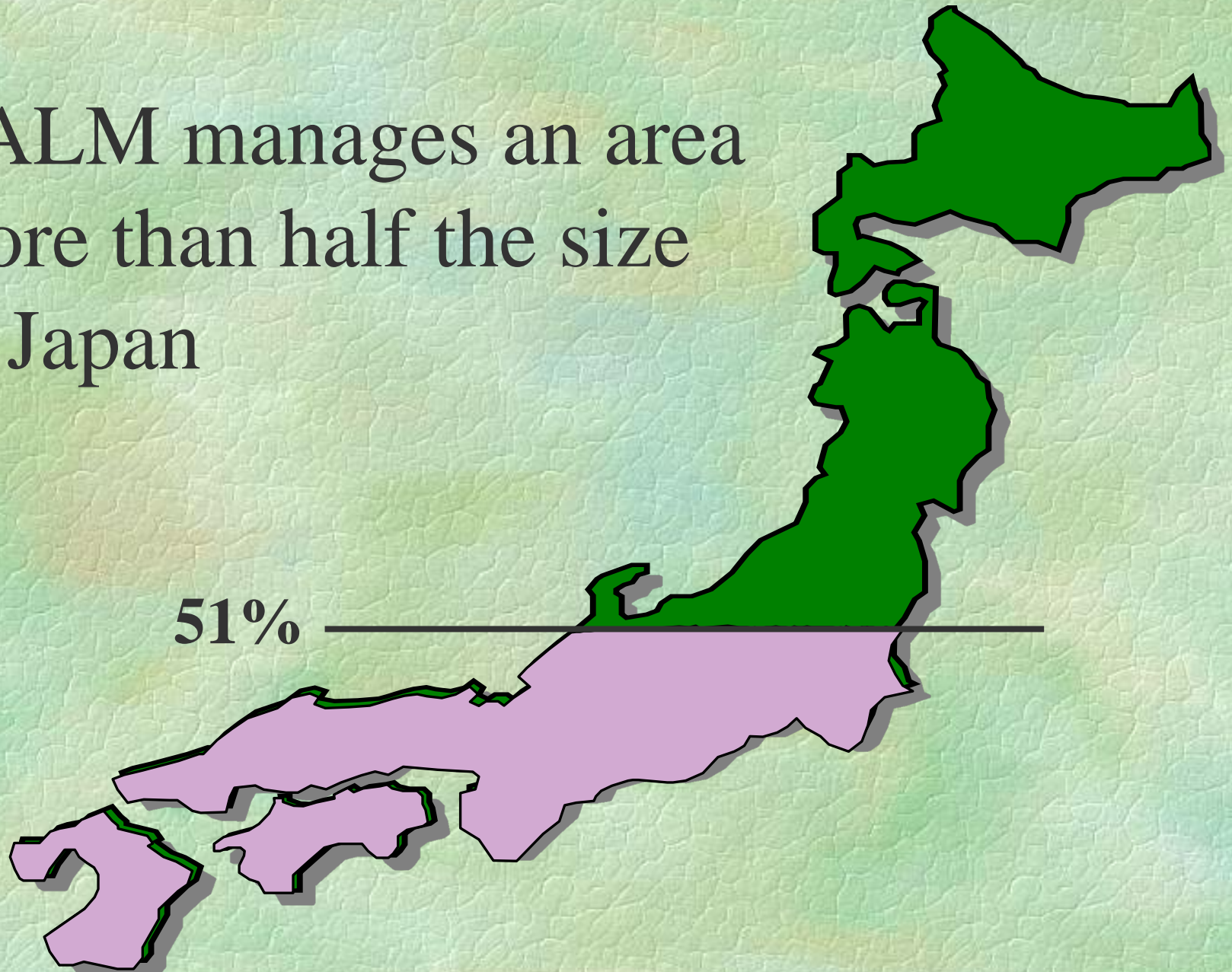


France occupies a land area  
about a quarter the size  
of Western Australia





CALM manages an area  
more than half the size  
of Japan

















































**PAVLOV'S DOG**  
**with a frontal lobotomy**







It is not the critic who counts, nor the man who points out how the strong man stumbled, or where the doer of deeds could have done better. The credit belongs to the man who is actually in the arena; whose face is marred by dust and sweat and blood; who strives valiantly; who errs and comes short again and again; who knows great enthusiasms, great devotions, who spends himself in worthy cause; who, at the worst, if he fails at least fails while daring greatly, so that his place shall never be with those cold and timid souls who know neither victory nor defeat.

Quoted from  
John S D Eisenhower, The Bitter Woods (1969)  
and attributed to Theodore Roosevelt







# Expenditure and revenue on conservation and land management

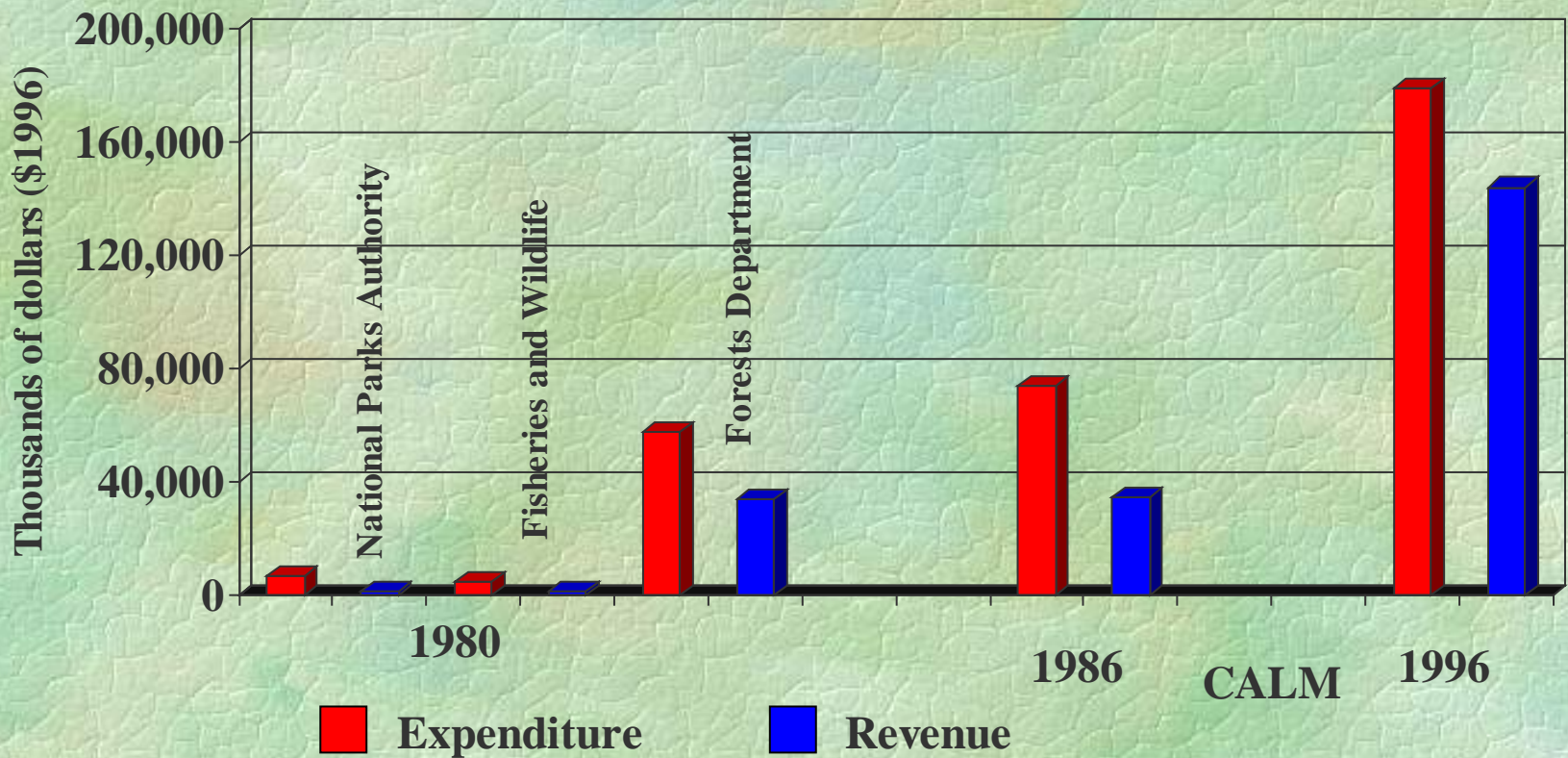
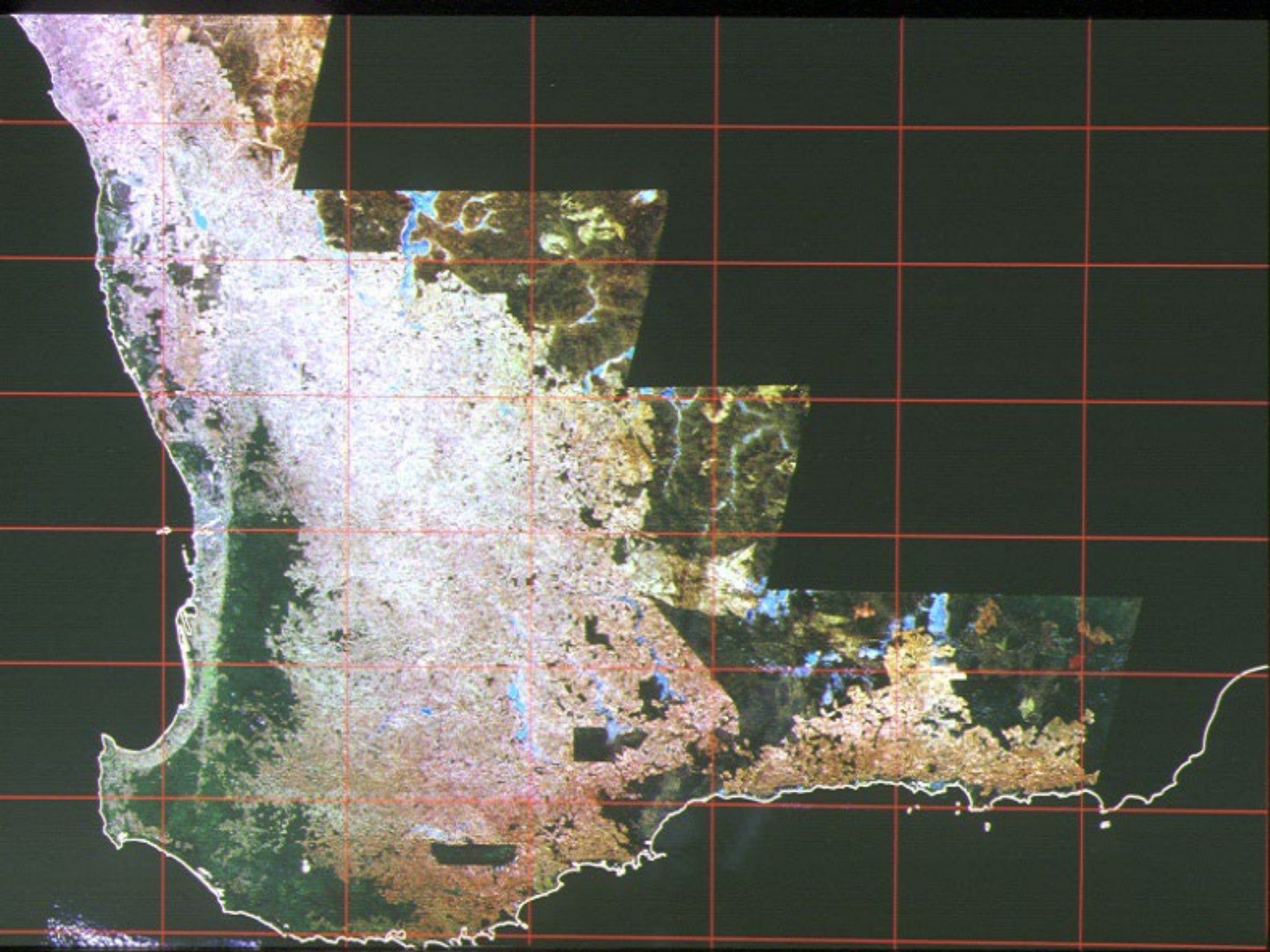


Figure 5













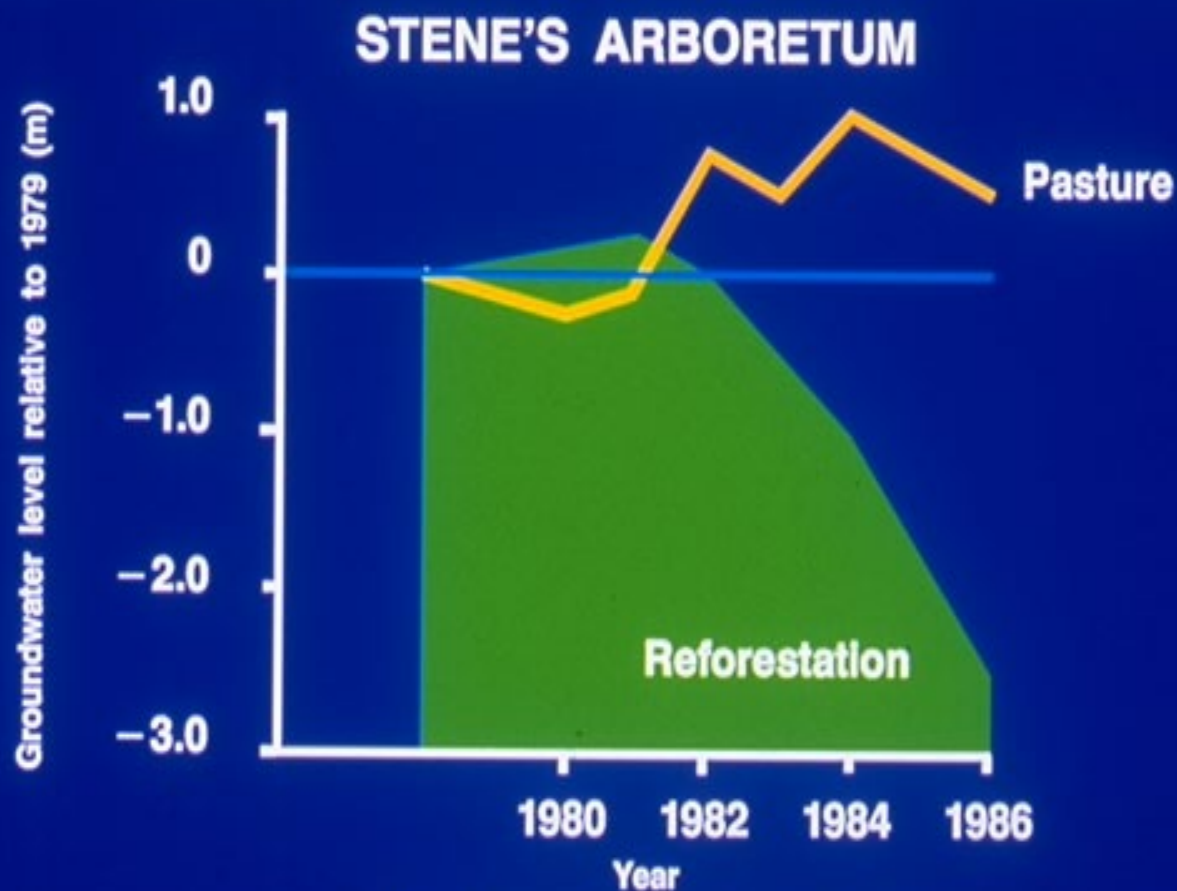








# THE EFFECT OF TREE CROPS ON WATER TABLE LEVELS



Water Authority of Western Australia  
July 1989  
Report No. WS 33

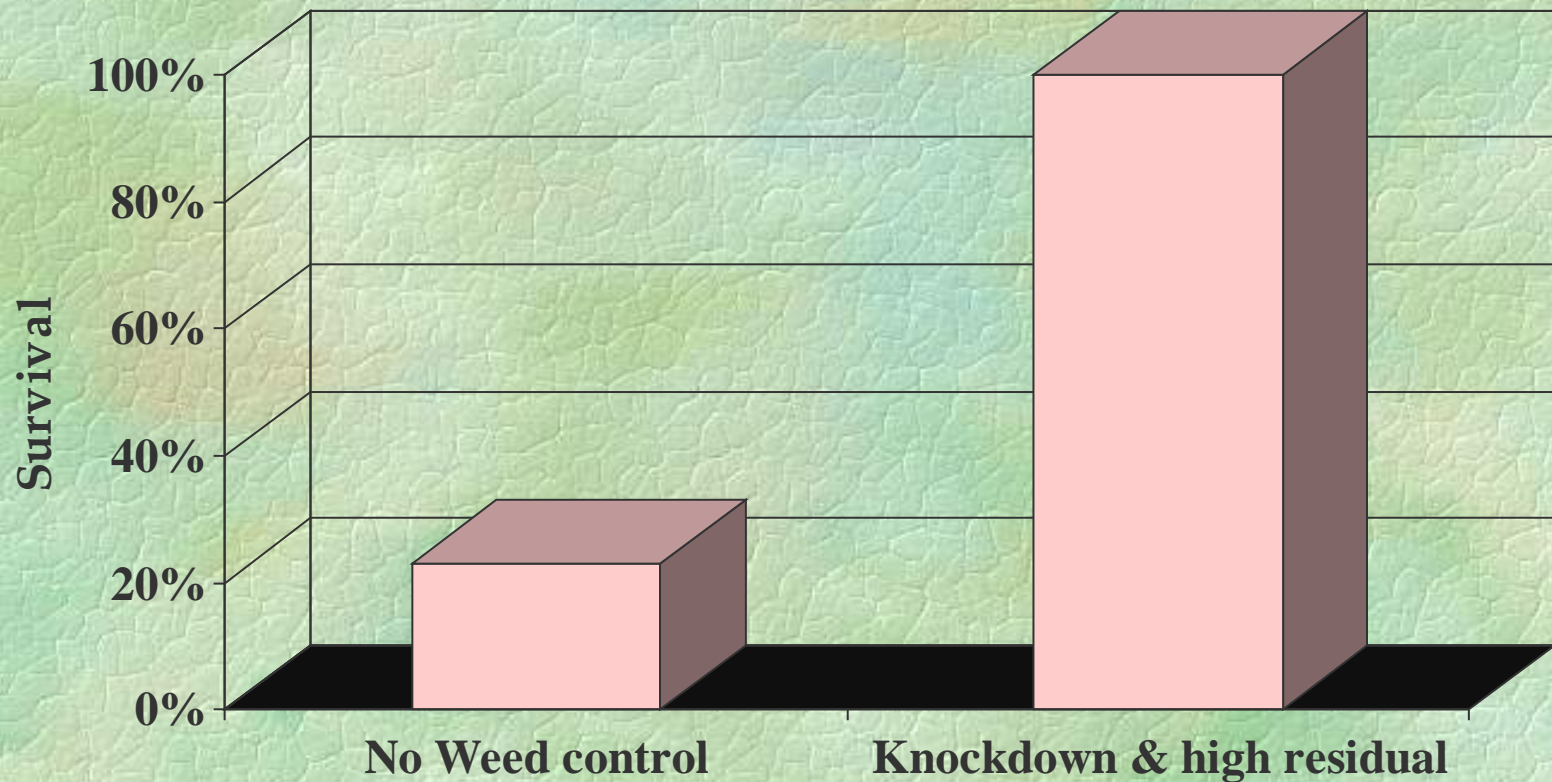








# Effect of chemical weed control on *Tree Crops*





# Expenditure and revenue on conservation and land management

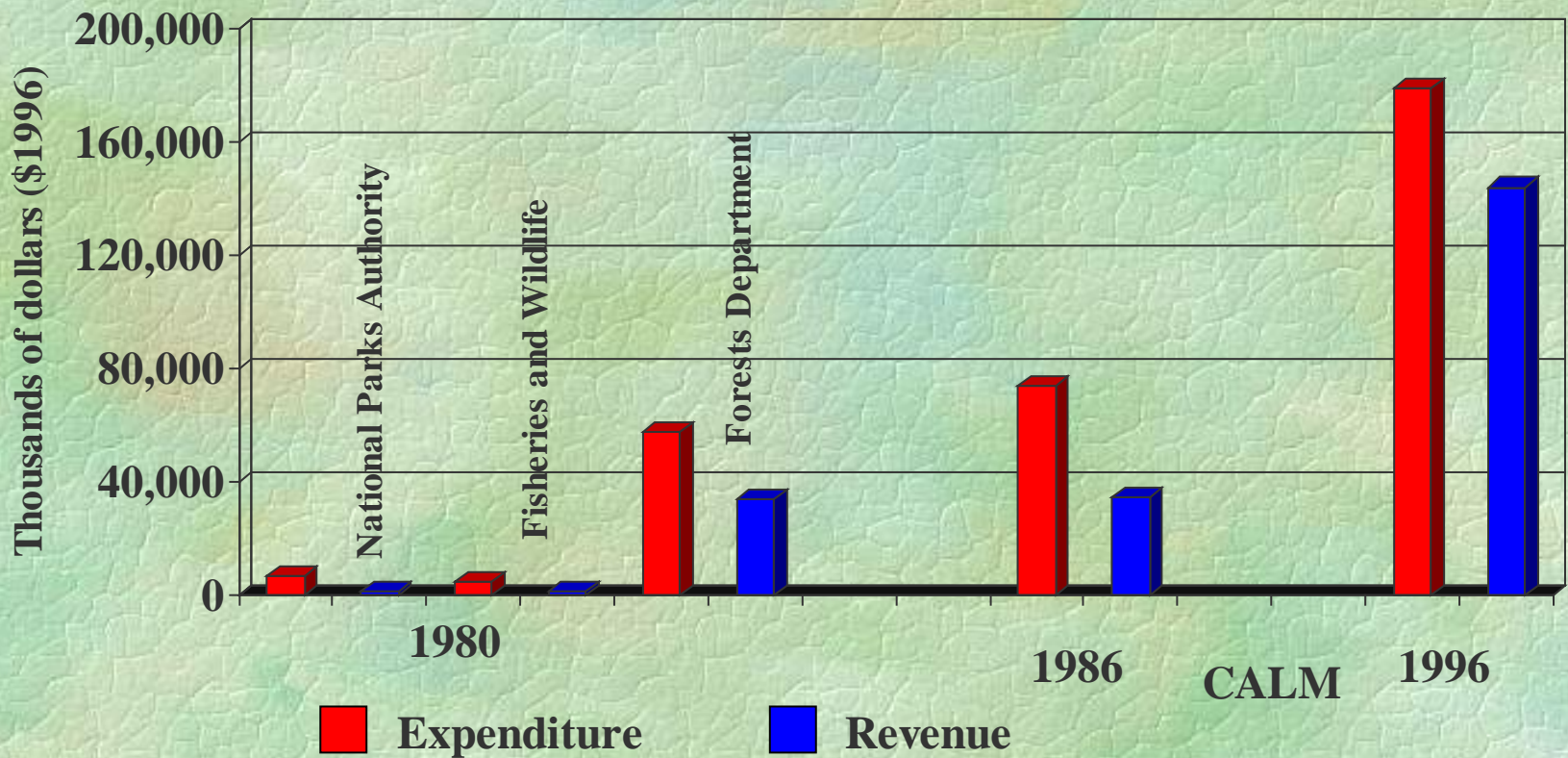
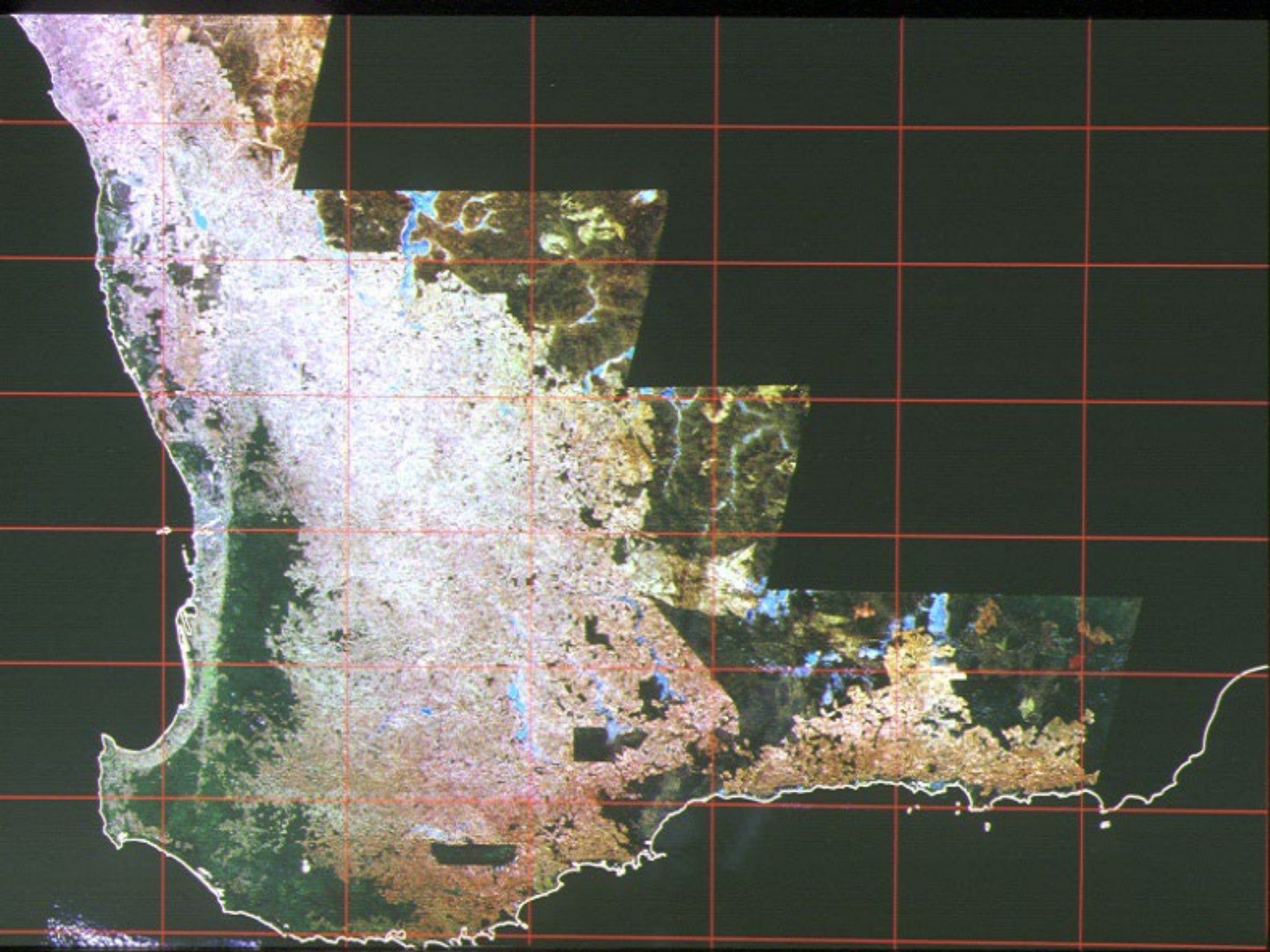


Figure 5















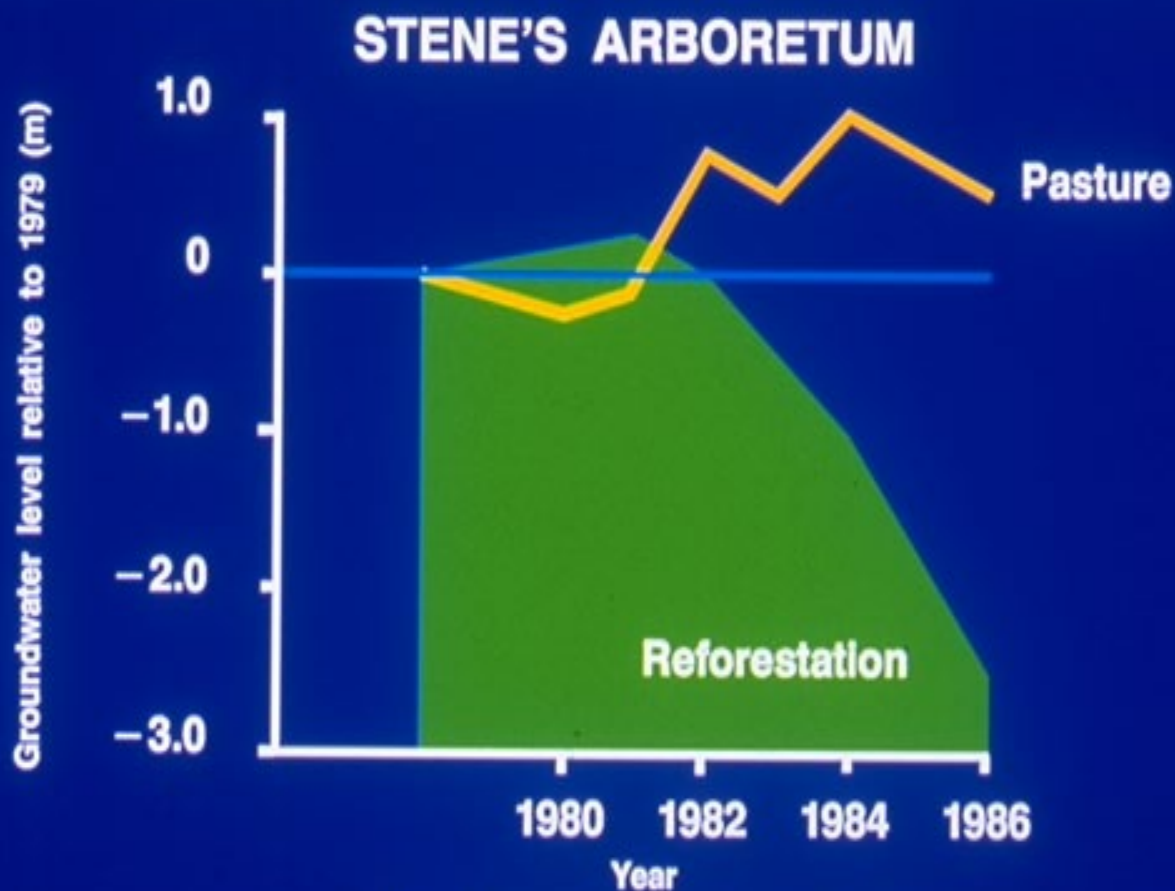








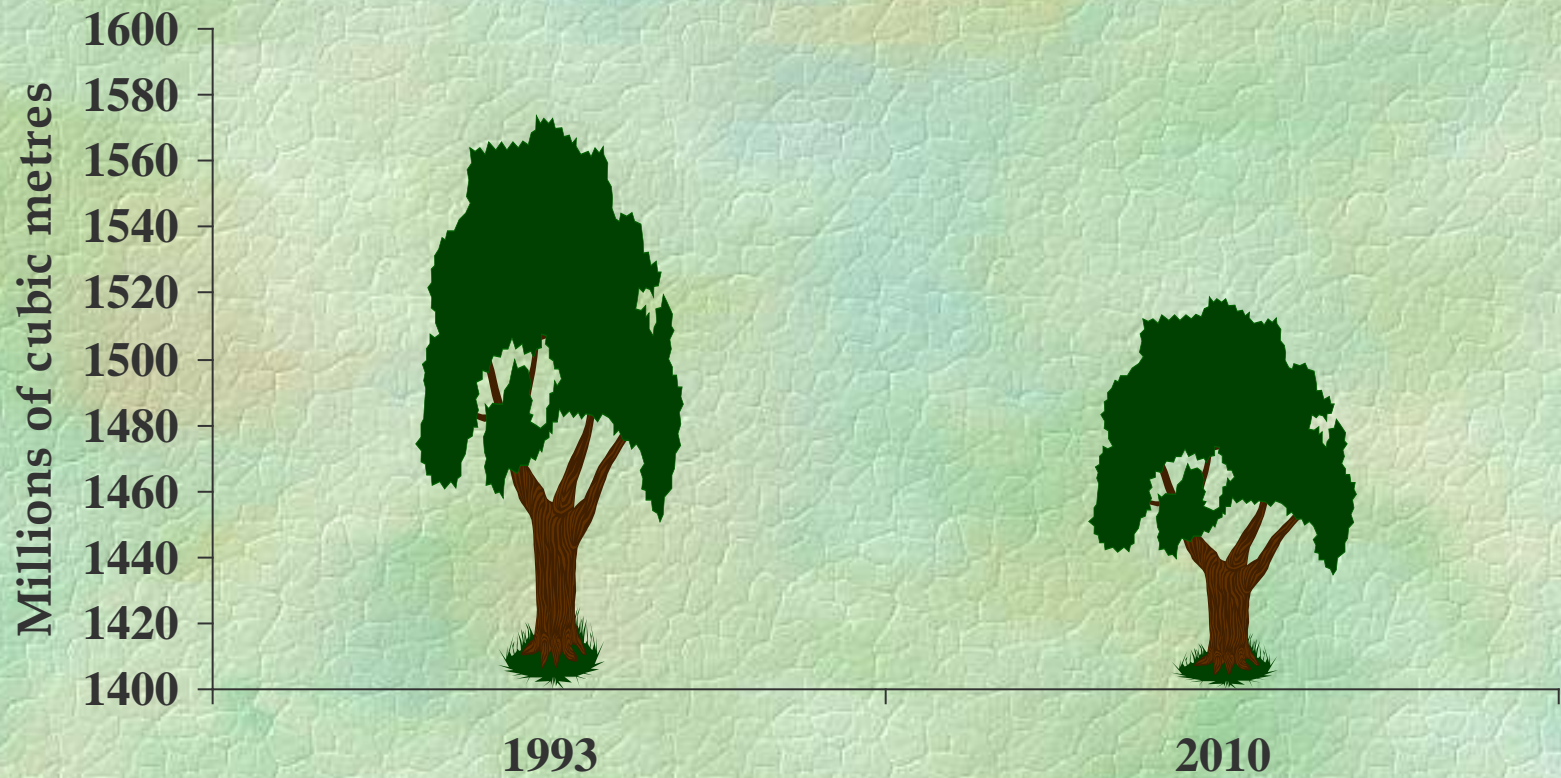
# THE EFFECT OF TREE CROPS ON WATER TABLE LEVELS



Water Authority of Western Australia  
July 1989  
Report No. WS 33

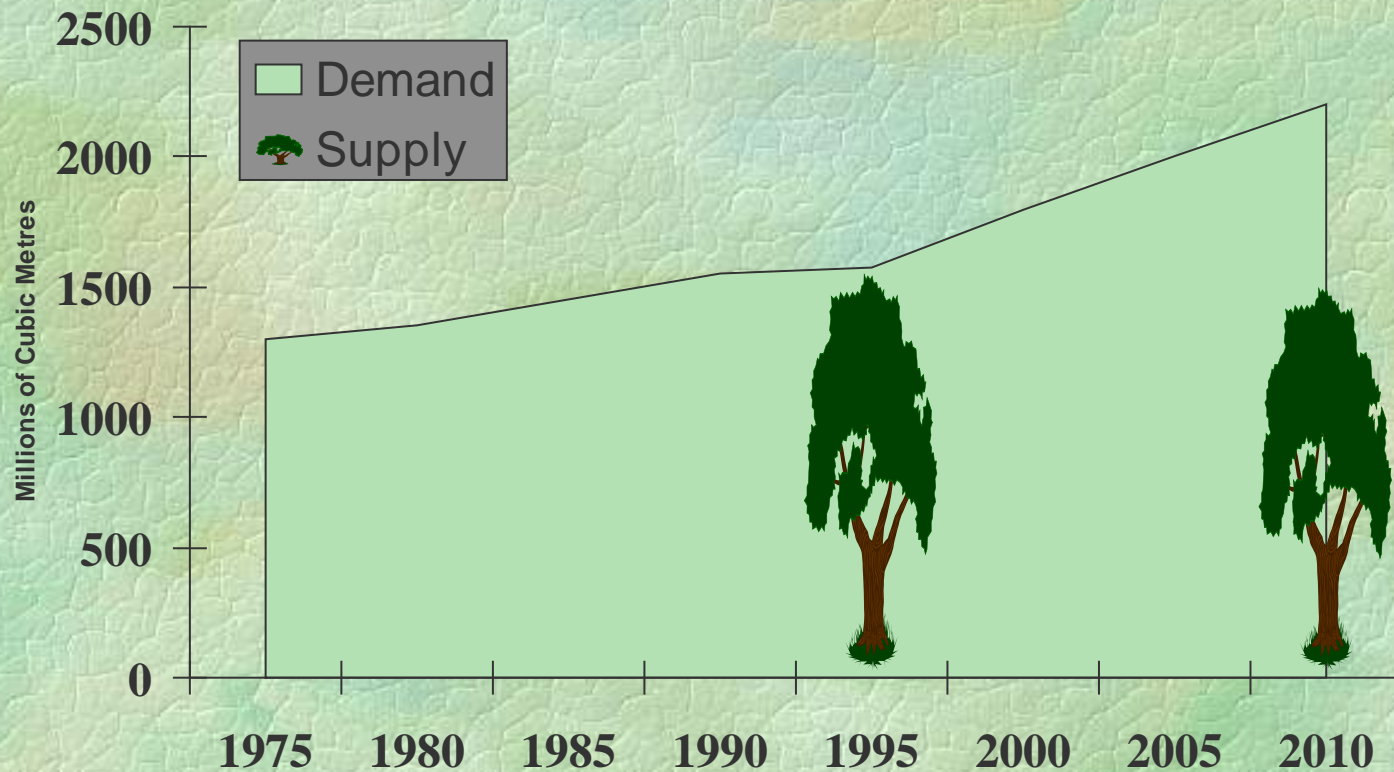


# Declining global wood harvests





# Global wood demand rises as supply falls





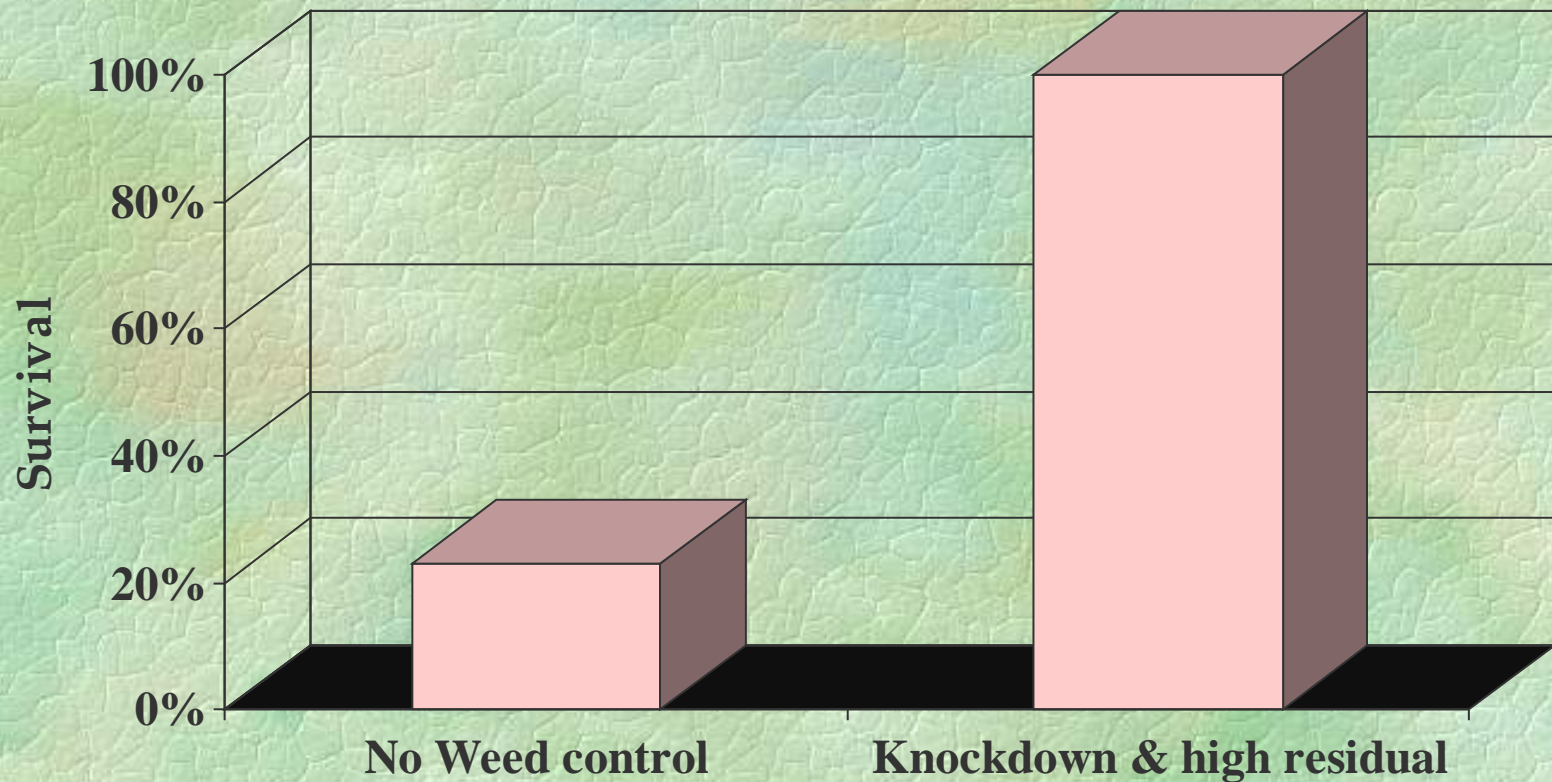








# Effect of chemical weed control on *Tree Crops*









# *Eucalyptus globulus*

## Breeding population trials

Program commenced in 1980

| Source          | Parents | Number | Area   | Trees   |
|-----------------|---------|--------|--------|---------|
| CSIRO 1987 - 90 | 766     | 29     | 117 ha | 107 000 |
| King Island     | 83      | 1      | 3      | 3 000   |
| Salt Tasmania   | 44      | 3      | 2      | 2 000   |
| Orme            | 73      | 1      | 4      | 4 000   |
| Orme (Prov)     |         | 2      | 11     | 6 000   |
| APPM            | 73      | 4      | 4      | 3 000   |
| CSIRO cc        | 135     | 1      | 3      | 3 000   |
| Total           | 1174    | 41     | 144    | 128 000 |





Inspect an *E. globulus* seedling for quality. Check the stem diameter, look for a pruned fibrous root system and notice if the foliage has a red tinge to show the seedling is hardy. All these aspects will help in the survival of the seedling. To be confident that the seedling will give you extra profit from its volume production in 10 years' time, look for the Western Blue Gum label.



Western Bluegum

Tasmanian Bluegum



Trees are 2 years 8 months old

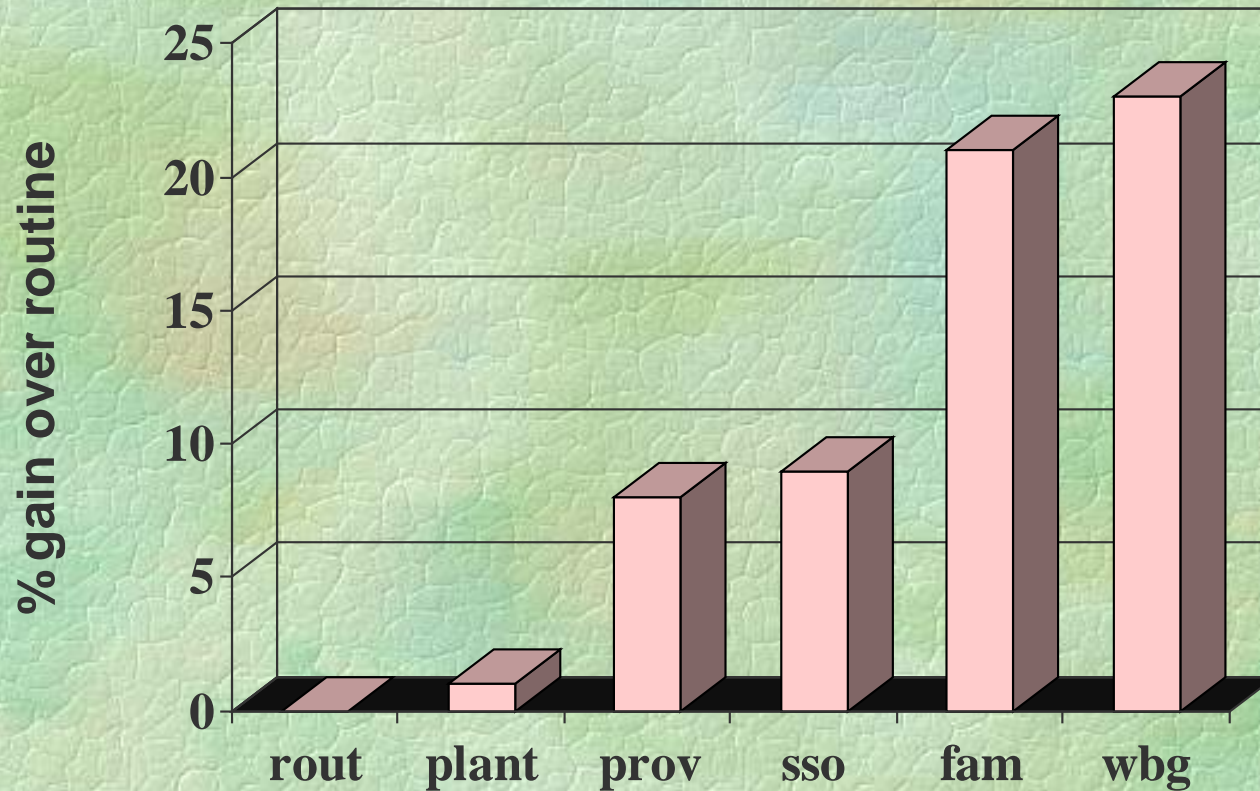


# Genetic Gains Trial:

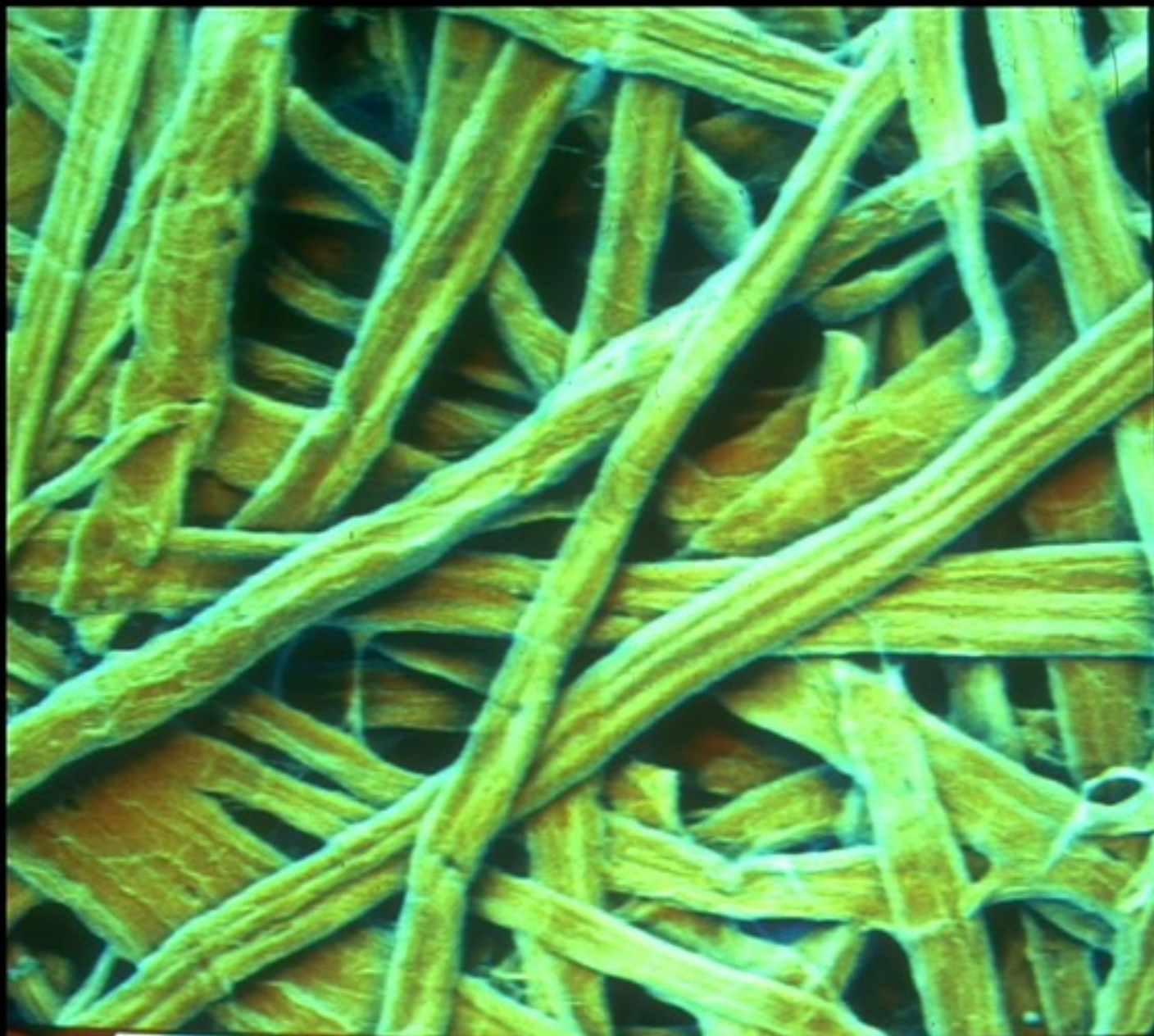
EG 44 and EG 45 (1994)

Measurement on April 1996

## wood volume







40PM

15KV

02

006

2







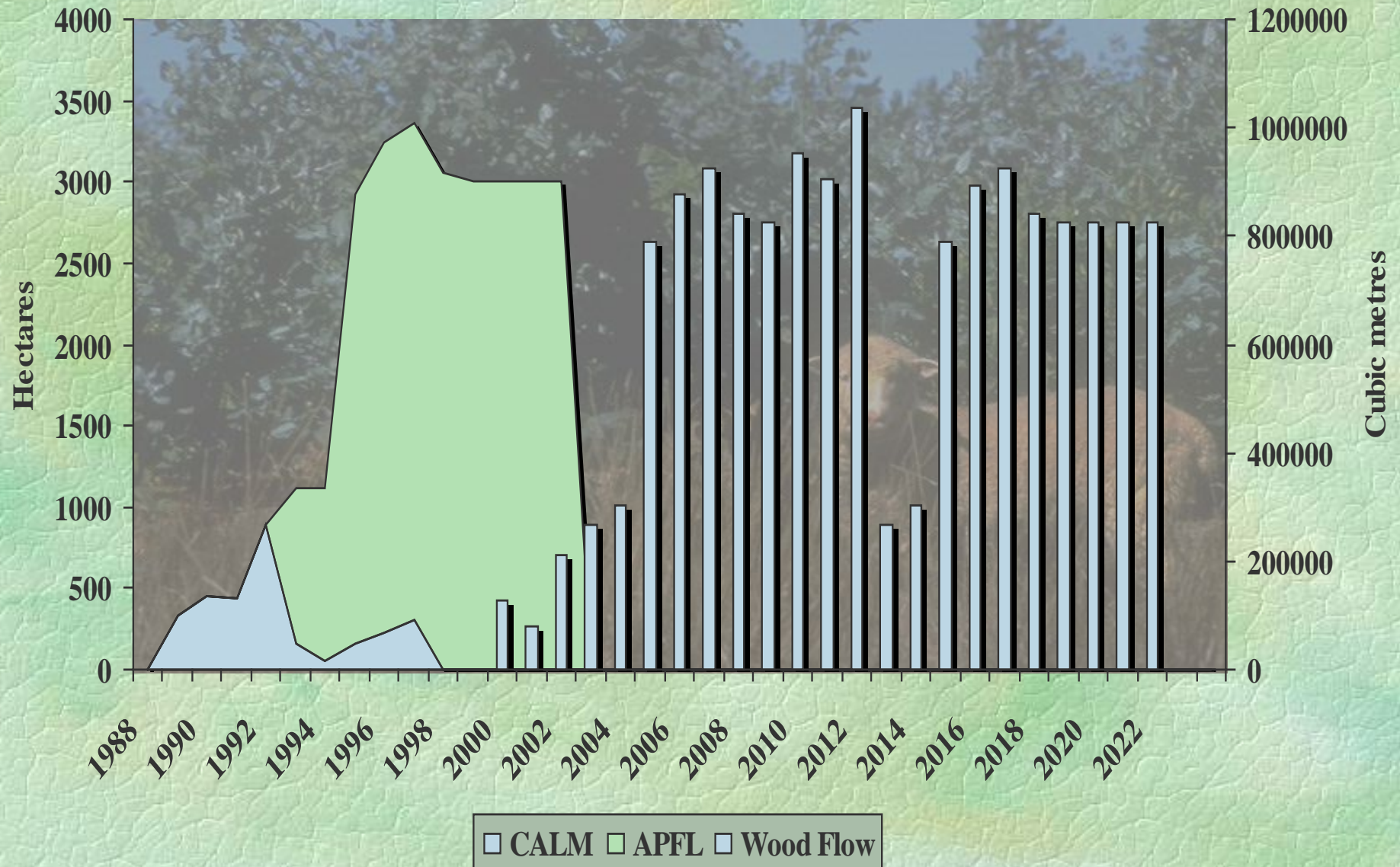








# Area of bluegums planted each year (CALM and APFL) and predicted wood flows





## Investment to date:

- ❑ \$20 million

## Investment to complete plantation program:

- ❑ \$30 million

## Investment required for harvesting, transport and processing:

- ❑ \$20 million to upgrade facilities at Albany Port
- ❑ \$15 million for a mill to process the harvested logs
- ❑ \$3-4 million for a transport system
- ❑ \$16 million for harvesters
- ❑ \$12 million for loading machinery
- ❑ \$22 million for log trucks



















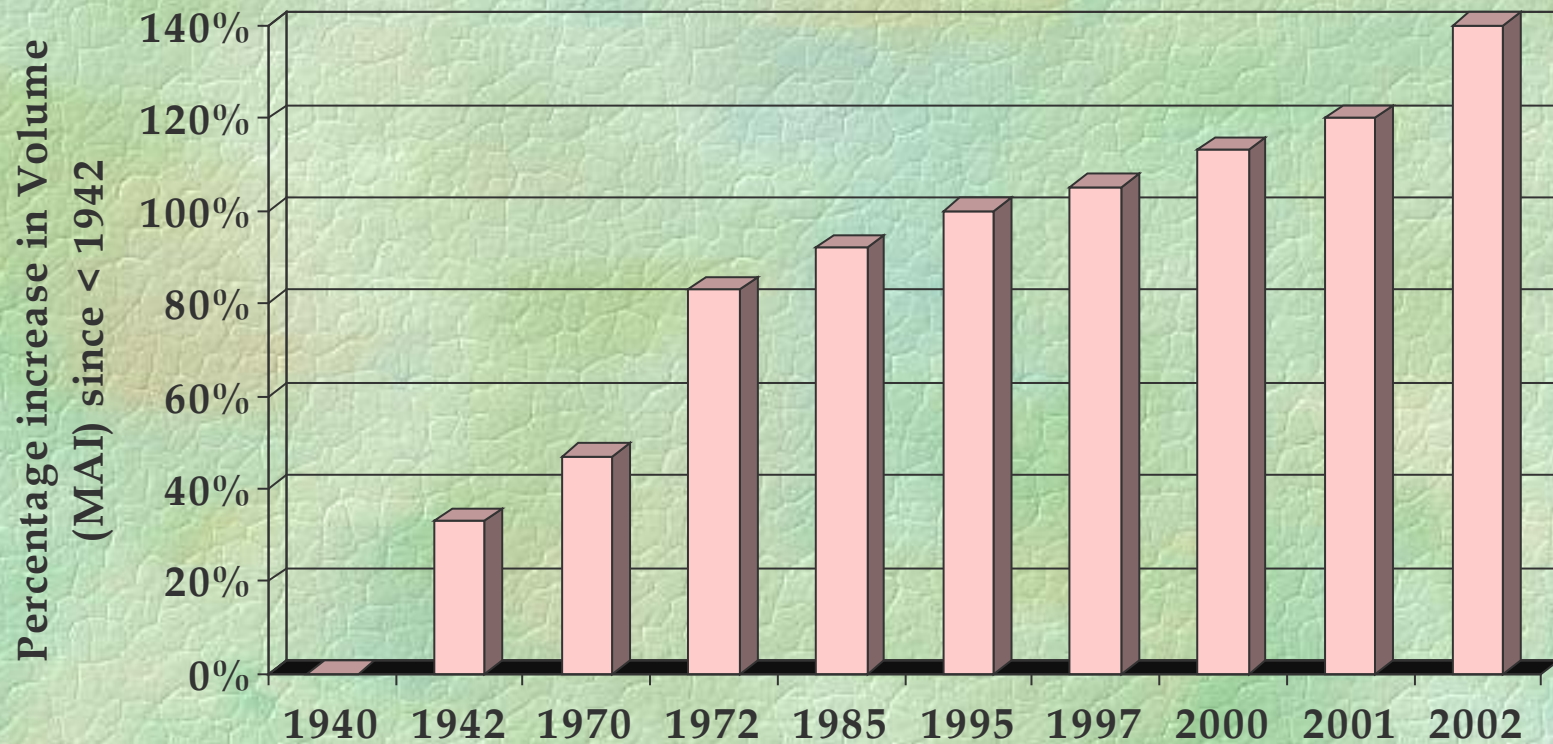








# Volume gains from the tree improvement program for Maritime pine







CALM has joint ventures with 1303 farmers



CALM has contracts with 84 land management contractors





# Number of Visits to CALM Managed Land and Waters (Millions)





# The Management Challenge

To manage and protect lands,  
waters and wildlife

while at the same time

ensuring that visitors have the  
opportunity to see, understand and  
appreciate those values



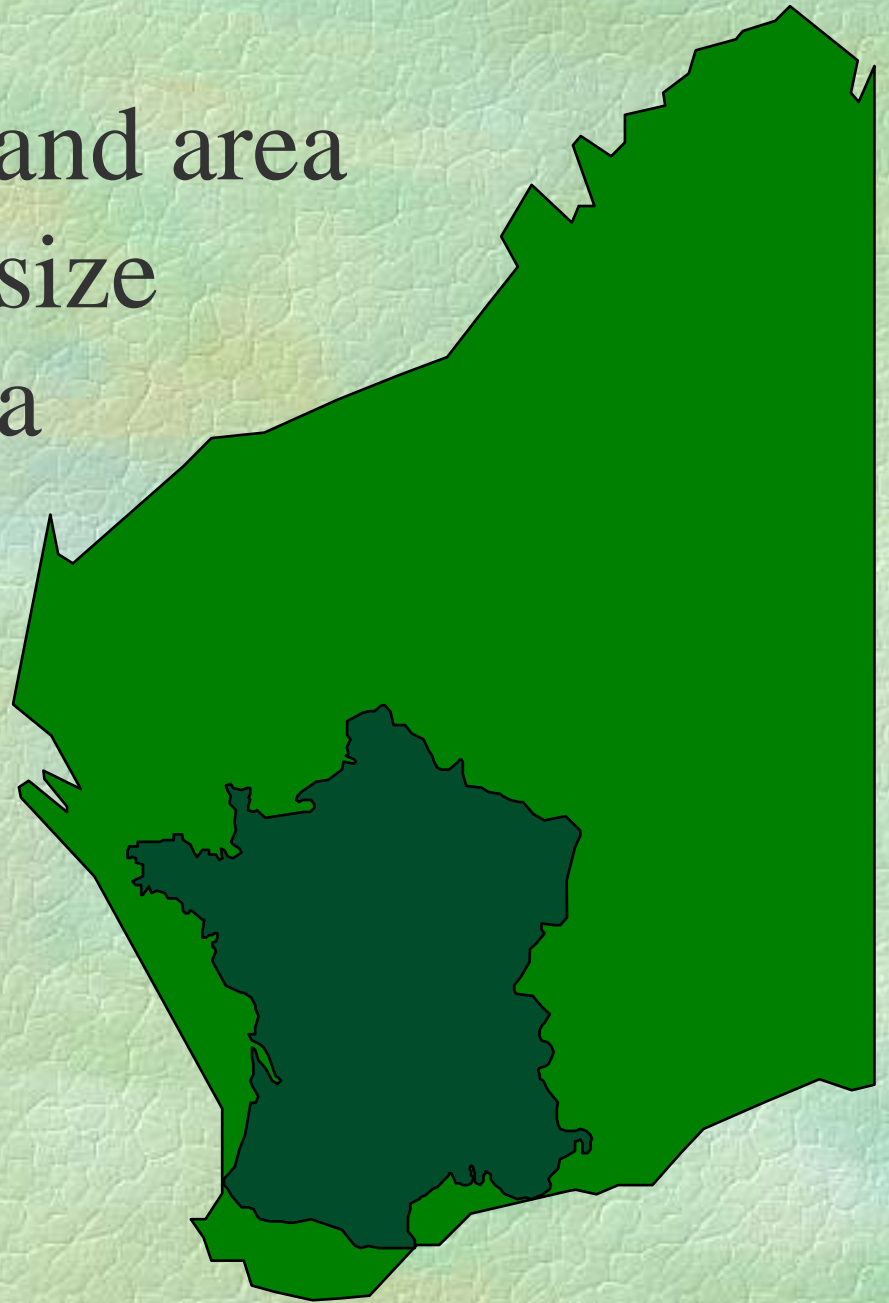






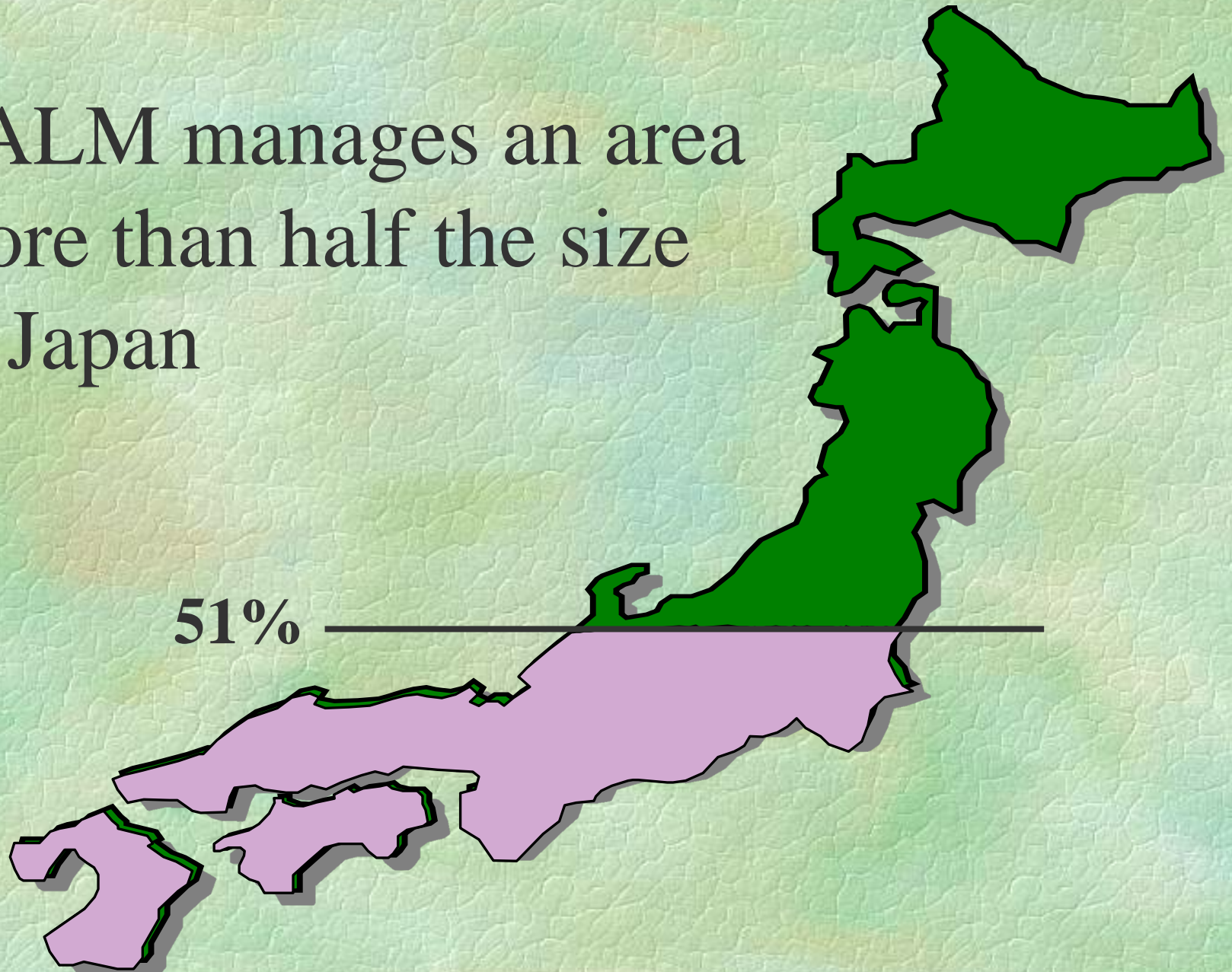


France occupies a land area  
about a quarter the size  
of Western Australia

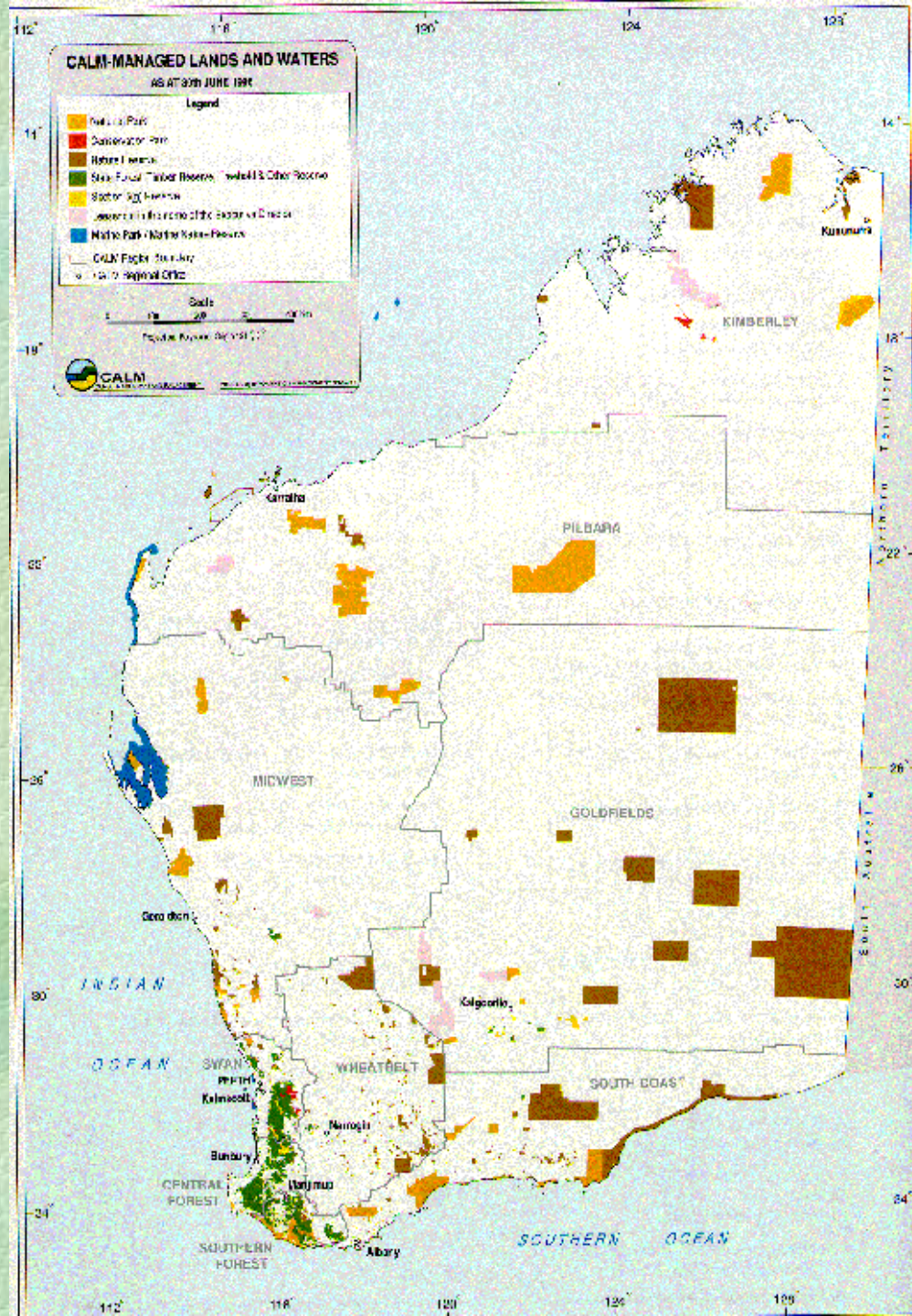




CALM manages an area  
more than half the size  
of Japan

























































# Number of Visits to CALM Managed Land and Waters (Millions)





# The Management Challenge

To manage and protect lands,  
waters and wildlife

while at the same time

ensuring that visitors have the  
opportunity to see, understand and  
appreciate those values















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



The Tree-Top Walk covers an  
area of 409 m<sup>2</sup>



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



# Forest walks project comes under attack



THE Valley of the Giants 52 mile tourist walks project near Walpole has come under attack by conservationists.

By ANNA PASTEUR  
Conservation activist and through the most popular old legends.  
Mr. Campbell said that the project was a disaster.

## Tourism industry criticises Valley of the Giants project

By GARYN COATNEY  
THE Department of Conservation and Land Management has been further criticised by the local tourism industry over its Valley of the Giants forest project.  
The main concern raised during a telephone survey was about CALM's possible luxury into basic accommodation.  
The survey was conducted by the Department at the suggestion of CALM Walpole district manager, Greg Mair, who said the project was a disaster.

### CALM

THE cost of creating new tourism facilities in the Valley of the Giants has been criticised after repeated opening of the Department of Conservation and Land Management.

## CALM ventures condemned

WALPOLE tourist operators have called on the Department of Conservation and Land Management not to pursue commercial ventures associated with its Valley of the Giants forest project.  
CALM Walpole district manager Greg Mair has not ruled out the possibility of opening a restaurant or cafe in the forest and using a franchise in the area.

By GARYN COATNEY

But clients might indicate a demand for a restaurant or cafe in the future.  
If an eating facility was built, it would need to comply with CALM's environmental conditions and management plans.  
There would be equity in the venture, Mr. Mair said.

When asked if CALM was considering appointing a franchisee, Mr. Mair replied "not at this stage" (they) if there ever is, there will be a process of advertising and public tender."

Mr. Mair said the Government had a role in promoting eco-tourism.  
Walpole Forest Alliance spokesman Paul Llewellyn said the organisation should not be involved in ventures which had little to do with the character of protecting the environment.

"If it was an urban park like Kings Park in Perth, I can understand why they would need picnic facilities."

"But in a wild, remote place like Walpole, it's not appropriate." Former CALM research scientist Jim Goodall said public servants were behaving like entrepreneurs, reminiscent of W.A.I.T. Mr. Goodall, the owner of the caravan park, Valley of the Giants, feared CALM would force him to change the name of his business when it registered its trademark.

"Feeling around with business names is bizarre," he said. Mr. Mair believed Mr. Goodall would stand to gain from the increasing number of tourists to the area.

Businesswoman Cheryl Whitaker, who owns a restaurant from the forest, fears it will interfere with her business. She is also concerned the area will be used as a tourist parking lot for buses directly to the town, without stopping along the way.

"Gumtrees are running a mile about what's going to happen," she said. "It's a hard to get them (CALM) down."

## Giants protest plan scrapped

ENVIRONMENTALISTS have been seen over by the popularity of the new tourist walks in the Valley of the Giants.  
On the eve of the official opening of the new walks, environmentalists have disrupted their protest against the Department of Conservation and Land Management's plan to build a new tourist walkway through the forest.  
The group said building activities would damage the unique single forest.

They were concerned CALM's construction of building a walkway into the forest and entering into similar commercial ventures would mean the loss of the unique forest.

Mr. Evans said he had seen a massive increase in visitors to the Valley of the Giants since the walkways opened to the public last month.

"It could have negative effects if we seem to be criticising all of CALM's actions," he said.

"When CALM does things well, we have to let them know."

He said disappointed the centre had not received an invitation to attend the opening.

Mr. Solis said environmentalists supported CALM's attempts to raise money because it reduced the pressure to log forests for money.

But they were concerned CALM intended to use the single forest as a model for the walkway facility as a "burn buffer" to protect its "tourist area".

Mr. Evans is seeking to raise other concerns with Environment Minister Peter Bost during his Saturday visit to the area.

Mr. Evans will be joined by Mr. Ross and CALM director Syd Shaw at the opening, scheduled for Saturday.

The walkways will be opened to the public from 10am.

## Forest project attacked

Mr. Solis, who is a member of the Walpole Forest Alliance, said the project was a disaster.  
He said the project was a disaster and that the project was a disaster.

Mr. Campbell said that the project was a disaster and that the project was a disaster.

Mr. Campbell said that the project was a disaster and that the project was a disaster.



# 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
- ❑ \$1 million revenue generated









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



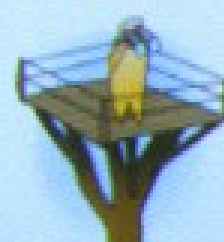
NATURE BASED



LANDCODE



VISITORS



VISITORS





Back



Forward



Home



Reload



Images



Open



Print



Find



Stop



Location: [http://www.calm.wa.gov.au/national\\_parks/park\\_month.html](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

MAILBOX

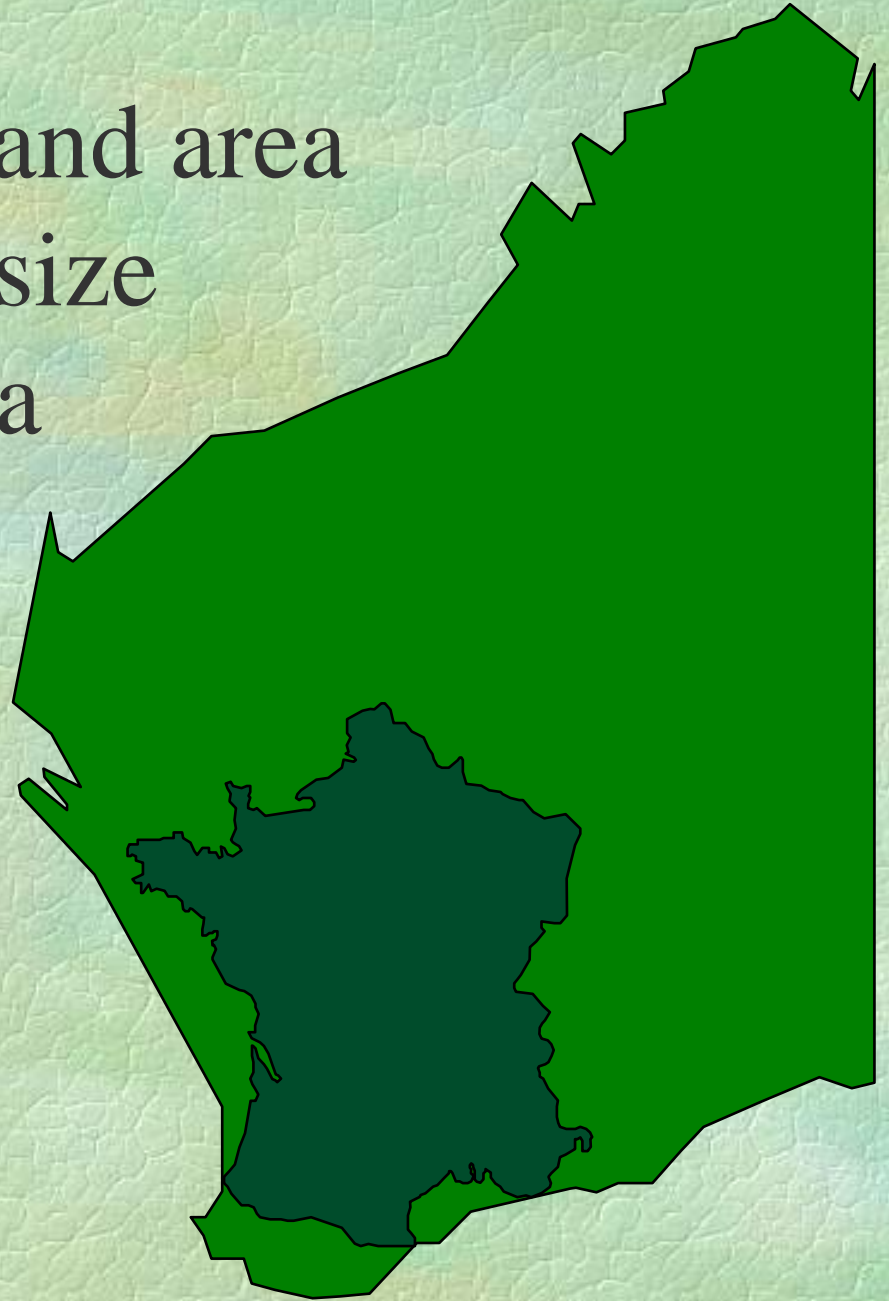
## Park of the Month - September 1996

### Ningaloo Marine Park



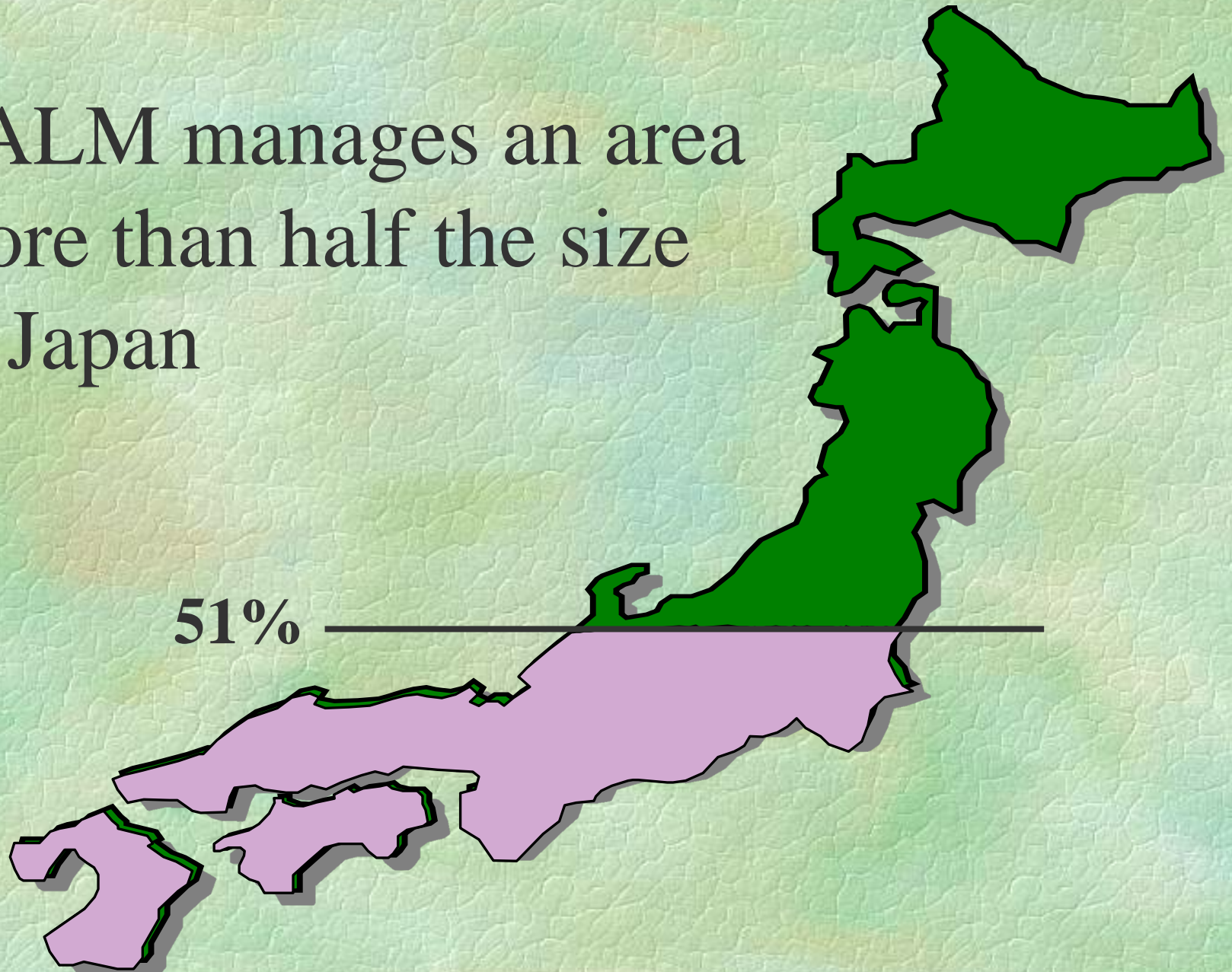


France occupies a land area  
about a quarter the size  
of Western Australia



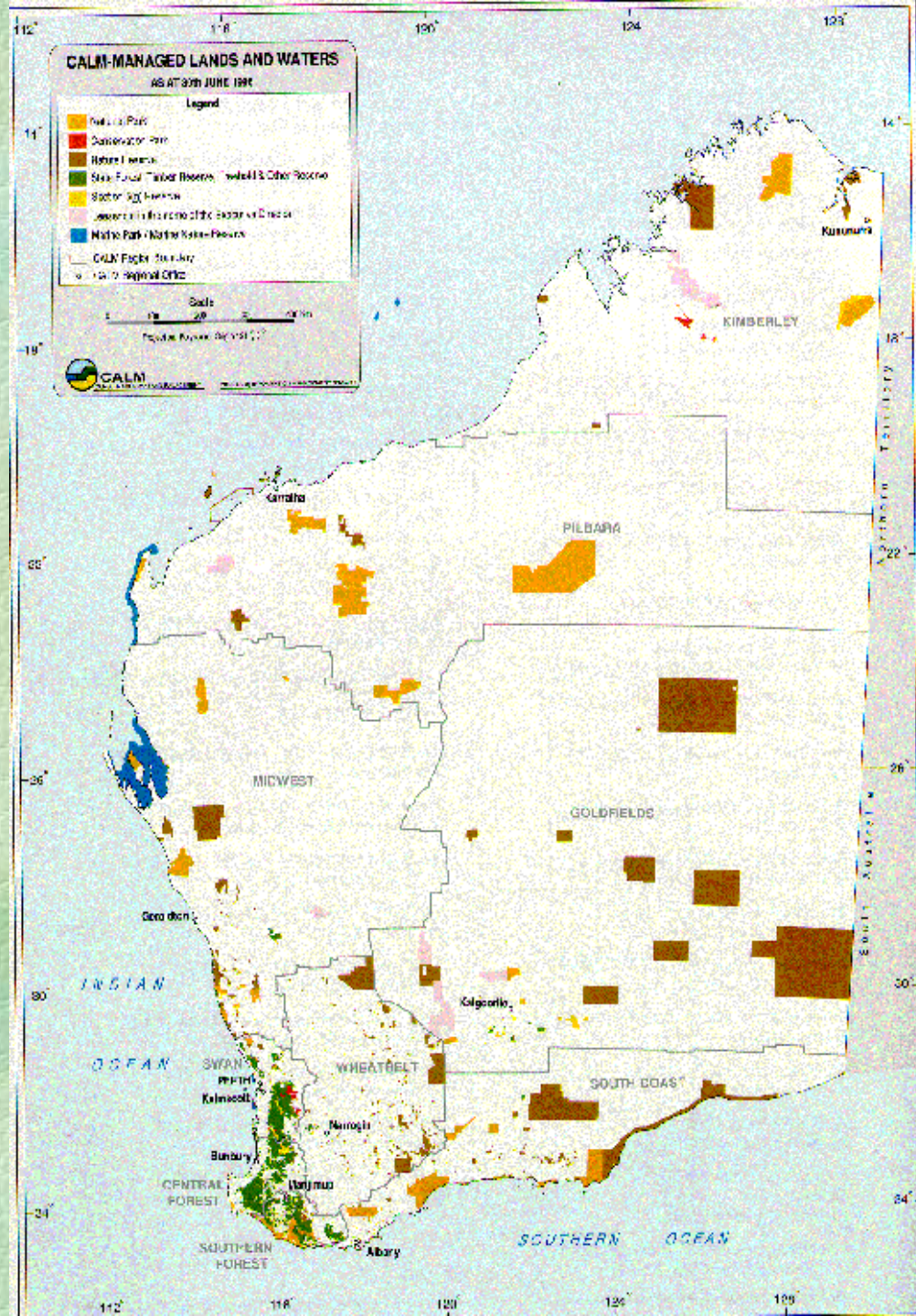


CALM manages an area  
more than half the size  
of Japan





# CALM managed lands and waters





















































# Number of Visits to CALM Managed Land and Waters (Millions)





# The Management Challenge

To manage and protect lands,  
waters and wildlife

while at the same time

ensuring that visitors have the  
opportunity to see, understand and  
appreciate those values













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



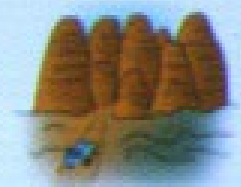
LATEST NEWS



BOOKSHOP



FOREST FACTS



NATIONAL PARKS



NATURE BASED



LANDCODE



VISITORS



VISITORS





Back



Forward



Home



Reload



Images



Open



Print



Find



Stop



Location: [http://www.calm.wa.gov.au/national\\_parks/park\\_month.html](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

MAILBOX

## Park of the Month - September 1996

### Ningaloo Marine Park









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



The Tree-Top Walk covers an  
area of 409 m<sup>2</sup>



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



# Forest walks project comes under attack



THE Valley of the Giants 52 mile tourist walks project near Walpole has come under attack by conservationists.

By ANNA PASTEUR  
Conservation activist and through the most popular old legends.  
Mr. Campbell said that the project was a disaster.

## Tourism industry criticises Valley of the Giants project

By GARYN COATNEY

THE Department of Conservation and Land Management has been further criticised by the local tourism industry over its Valley of the Giants forest project.

The main concern raised during a telephone survey was about CALM's possible luxury into basic accommodation.

The survey was conducted by the Department of the Registrar of Companies, who said that the project was a disaster.

### CALM

THE cost of creating a new tourism facility in the Valley of the Giants has been revealed after repeated questioning of the Department of Conservation and Land Management.

CALM

## CALM ventures condemned

By GARYN COATNEY

WALPOLE tourist operators have called on the Department of Conservation and Land Management not to pursue commercial ventures associated with its Valley of the Giants forest project.

CALM's environmental conditions and management plans. There would be no equity in the project, Mr. Mair said.

When asked if CALM was considering appointing a franchisee, Mr. Mair replied "not at this stage" (they) if there ever is, there will be a process of advertising and public tender.

Mr. Mair said the Government had a role in promoting the project.

Paul Llewellyn and the organisation should not be involved in the project which had little to do with the environment.

"If it was an urban park like Kings Park in Perth, I can understand why they would need picnic facilities."

"But in a wild, remote place like Walpole, it's not appropriate." Former CALM research scientist Jim Goodall said public servants were behaving like entrepreneurs, reminiscent of W.A.I.T. Mr. Goodall, the owner of the caravan park, Valley of the Giants, feared CALM would force him to change the name of his business when it registered its trademark.

"Feeling around with business names is bizarre," he said. Mr. Mair believed Mr. Goodall would stand to gain from the increasing number of tourists to the area.

Businesswoman Cheryl Whitaker, who owns a restaurant from the forest, fears a trademark of the Giants restaurant will interfere with her business.

She is also concerned the area will be used as a tourist parking lot. CALM decides to put tourist buses directly to the forest, without stopping along the way.

"Remember we're running a business, we're going to happen," she said. "It's not about the forest."

## Giants protest plan scrapped

ENVIRONMENTALISTS have been seen over by the popularity of the new Valley of the Giants tourism walkways.

On the eve of the official opening of the walkways through the forest, environmentalists have disrupted their protest against the Department of Conservation and Land Management's plan to build a new tourist facility.

Local residents, local environmental groups and building activities would damage the unique single forest.

There were concerns CALM's construction of building a kiosk or restaurant in the forest and entering into similar commercial ventures would mean the loss of the unique single forest.

Mr. Evans said he had seen a massive increase in visitors to the Valley of the Giants since the walkways opened to the public last month.

"It could have negative effects if we seem to be criticising all of CALM's actions," he said.

"When CALM does things well, we have to let them know."

And they do a good job in certain respects.

He was disappointed the centre had not received an innovation to attend the opening.

Mr. Solis said environmentalists supported CALM's attempt to raise money because it reduced the pressure to log forests for money.

But they were concerned CALM intended to use the single forest as a model for the walkway facility as a "burn buffer" to protect its "tourist area".

Mr. Evans is looking to raise other concerns with Environment Minister Peter Bost during his Saturday visit. Mr. Evans will be joined by Mr. Ross and CALM director Syd Stone at the opening, scheduled for Saturday.

The walkways will be a public from the forest.

## Forest project attacked

Mr. Solis, who is a member of the National Parks and Wildlife Commission, said the project was a disaster.

Mr. Campbell said that the project was a disaster.

Mr. Campbell said that the project was a disaster.

Mr. Campbell said that the project was a disaster.

Mr. Campbell said that the project was a disaster.

Mr. Campbell said that the project was a disaster.



# 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
- ❑ \$1 million revenue generated







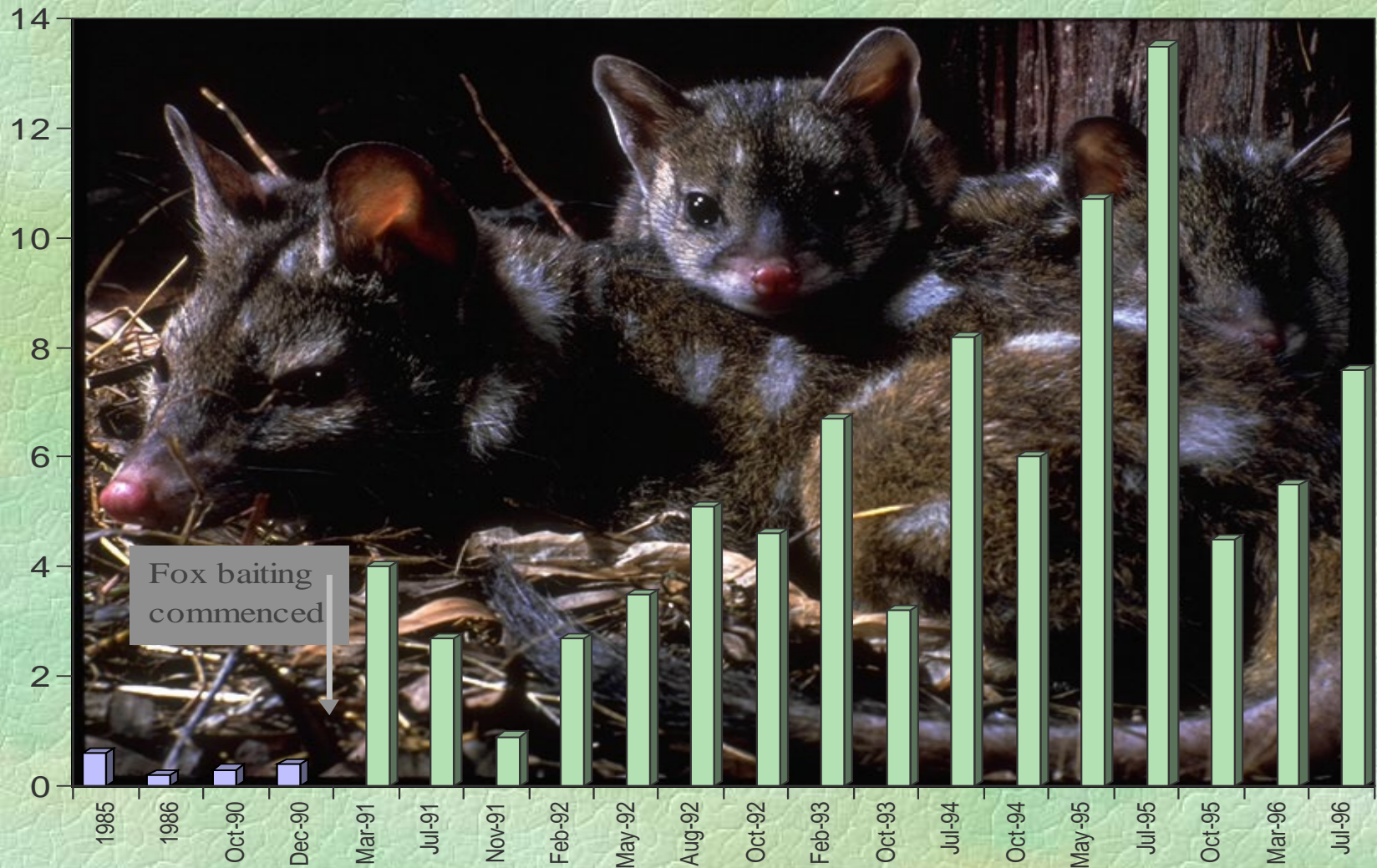






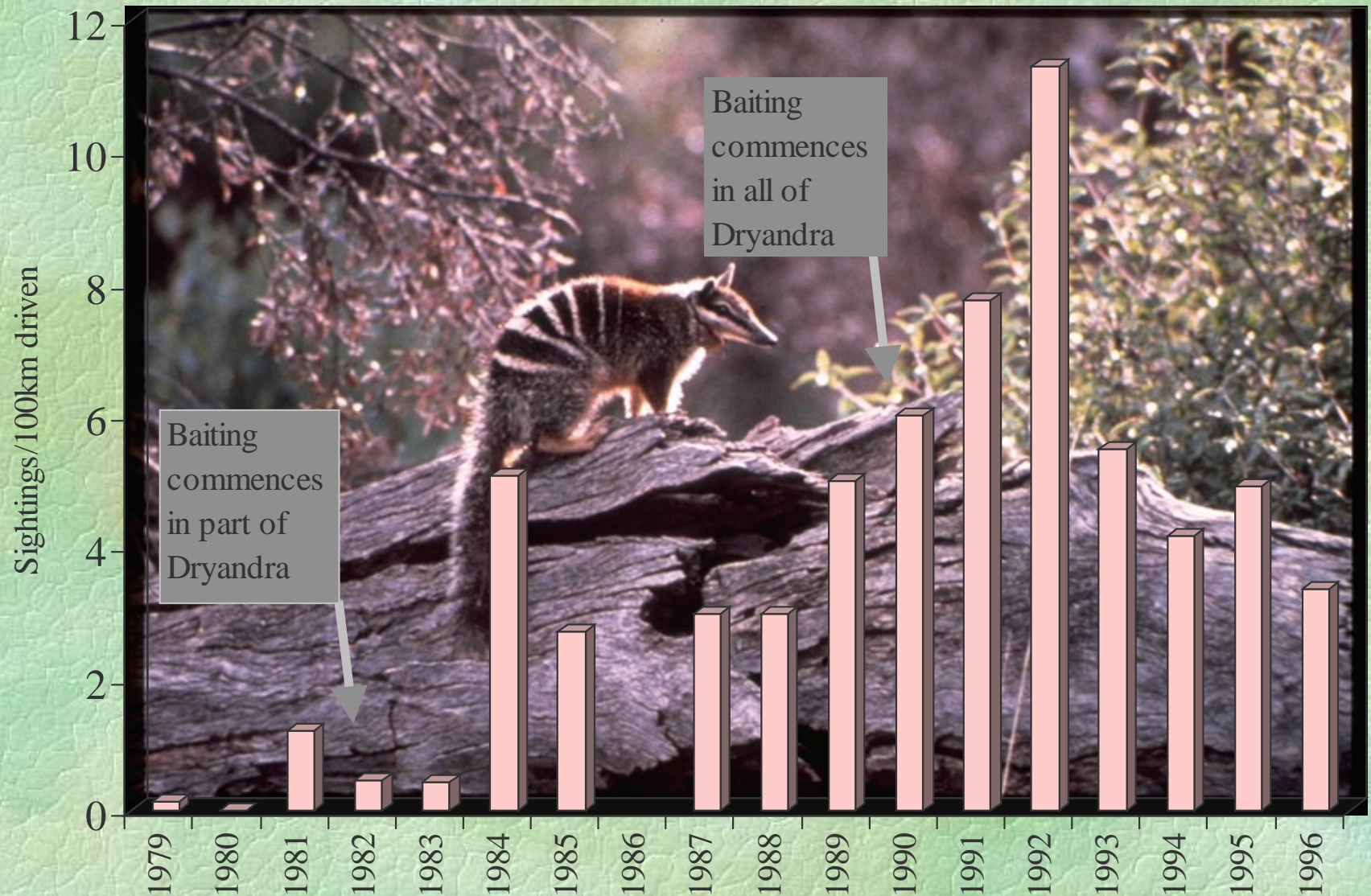


# The impact of fox control on Chuditch at Batalling forest



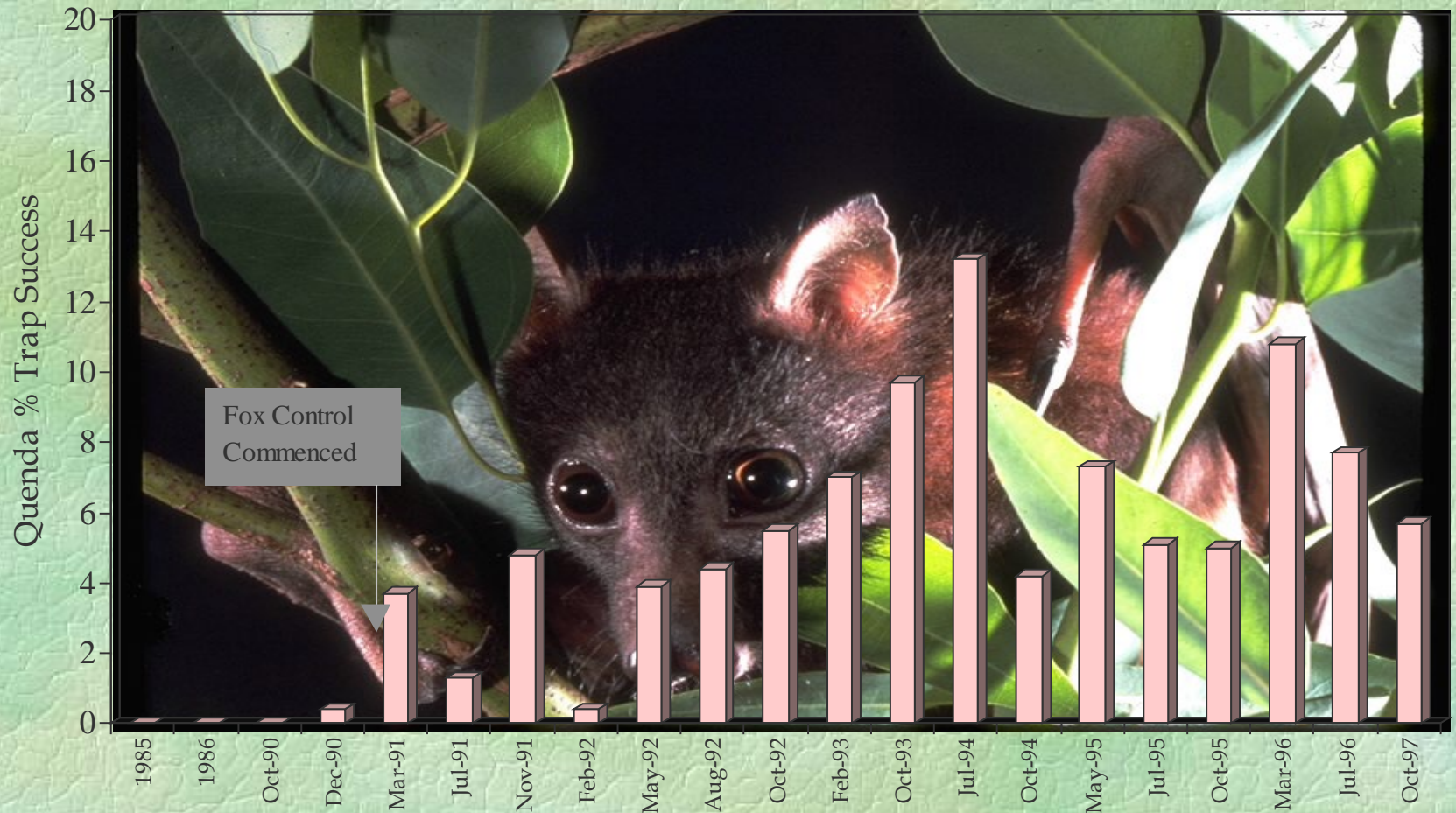


# Numbat Sightings in Dryandra Forest



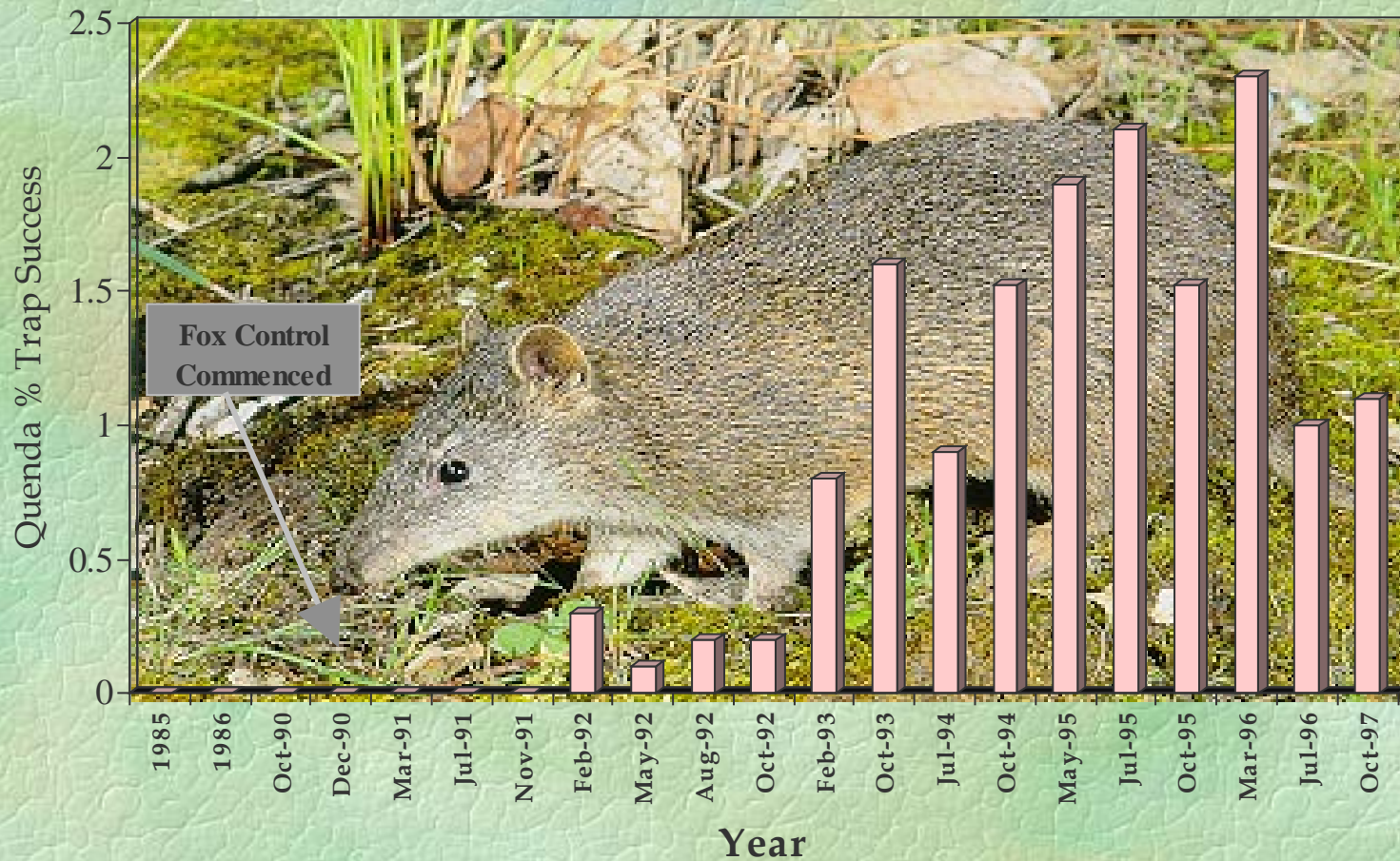


# Brushtail Possum Response To Fox Control- Batalling Forest Block



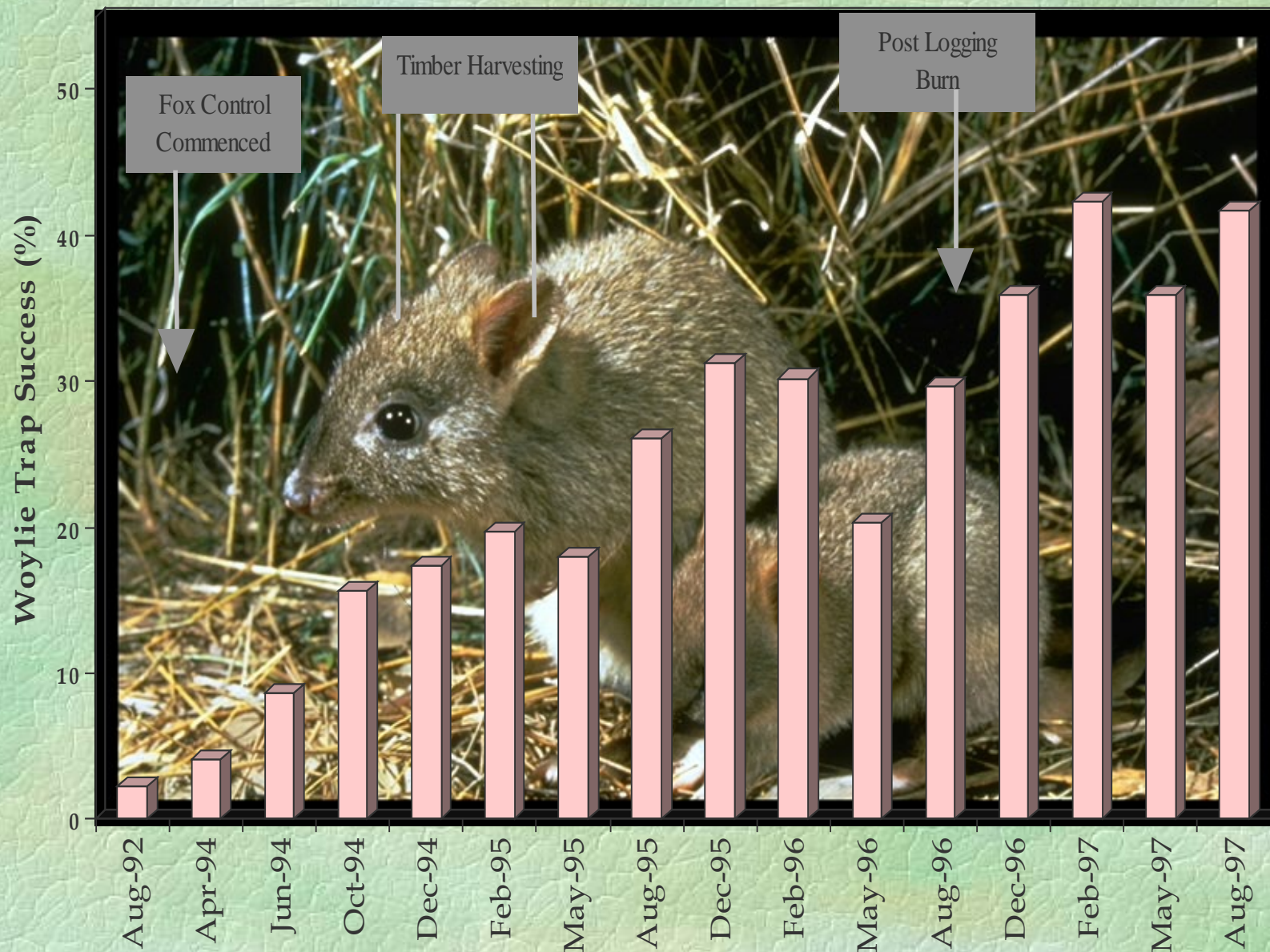


# Quenda Response To Fox Control Batalling Forest Block



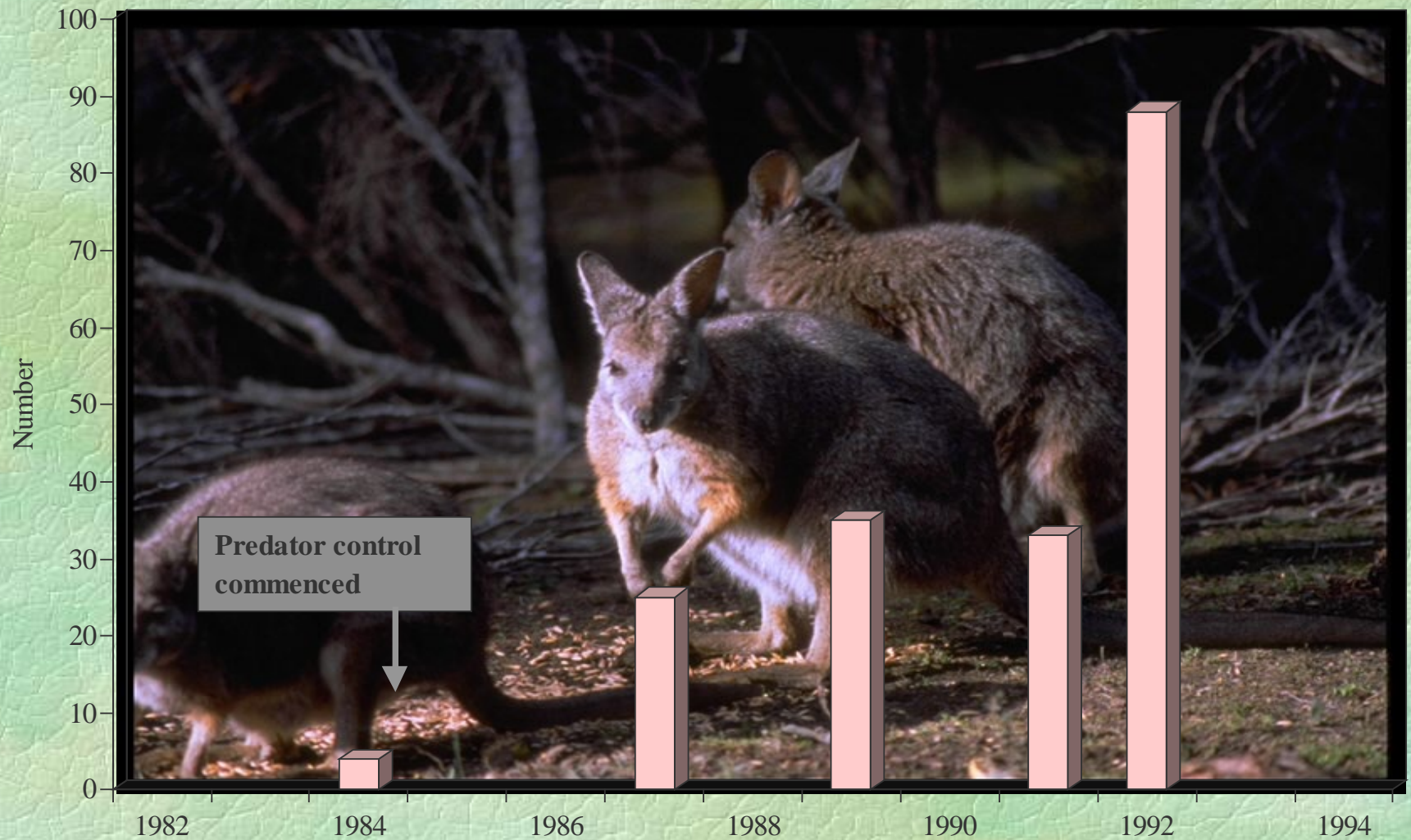


# Kingston Timber Harvesting Study - Trap Success Rates For Woylies Along Road Transects





# Tammar Wallaby Sightings - Tutanning Nature Reserve













# *Introducing the Small Twelve*







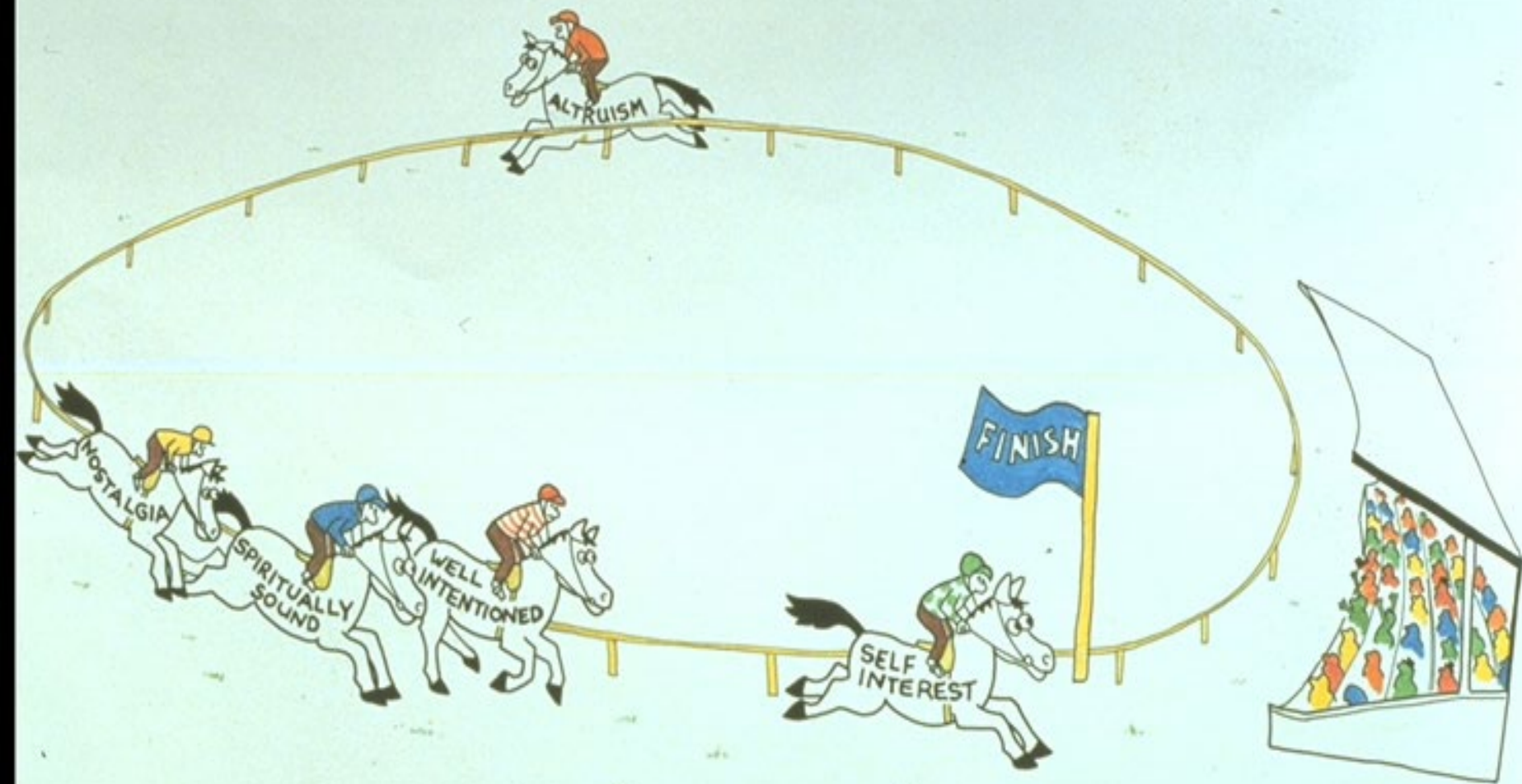














*“The thing that hath been, it is that which shall be;  
and that which is done is that which shall be done:  
and there is no new thing under the sun.*

*Is there any thing whereof it may be said, See, this is  
new?*

*It hath been already of old time, which was before us.”*

***Ecclesiastes 1:9,10***







**PAVLOV'S DOG**  
**with a frontal lobotomy**



Lost and alone on some forgotten highway,  
travelled by many, remembered by few,  
Looking for something that I can believe in,  
Looking for something that I'd like to do with my  
life.

John Denver, "Sweet Surrender"





