

Integration - the key to addressing Western Australia's nature conservation problems

Address by

Hon Cheryl Edwardes

Western Australian Minister for the Environment

and

Dr Syd Shea

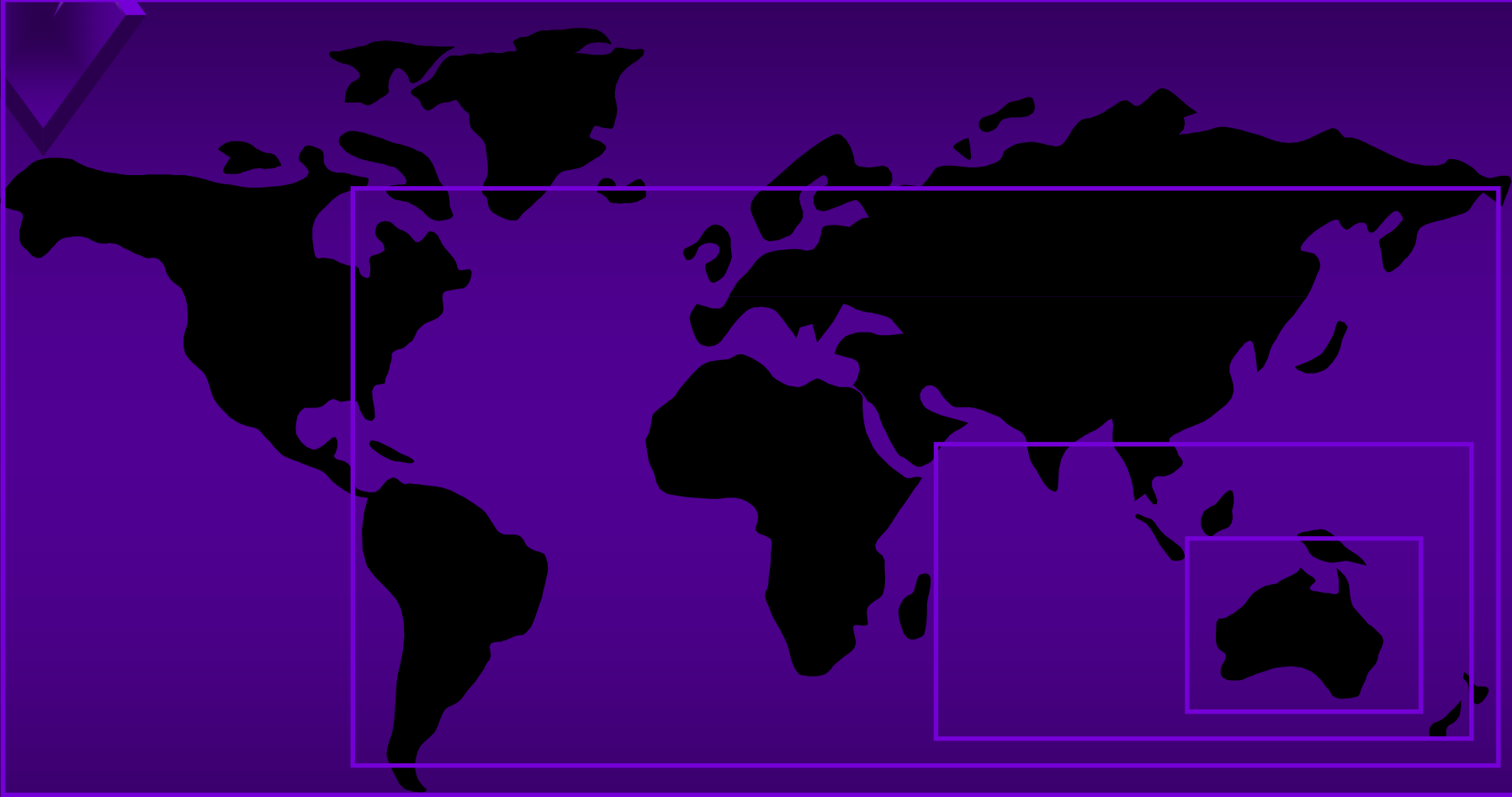
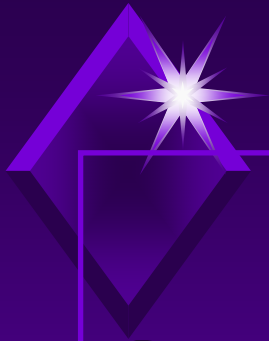
Executive Director

Department of Conservation and Land Management

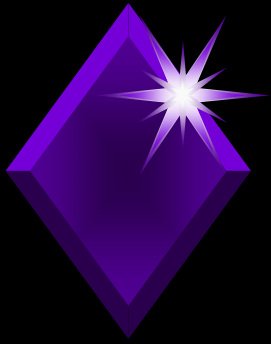
to

World Commission on Protected Areas of IUCN

Albany, 24 November 1997



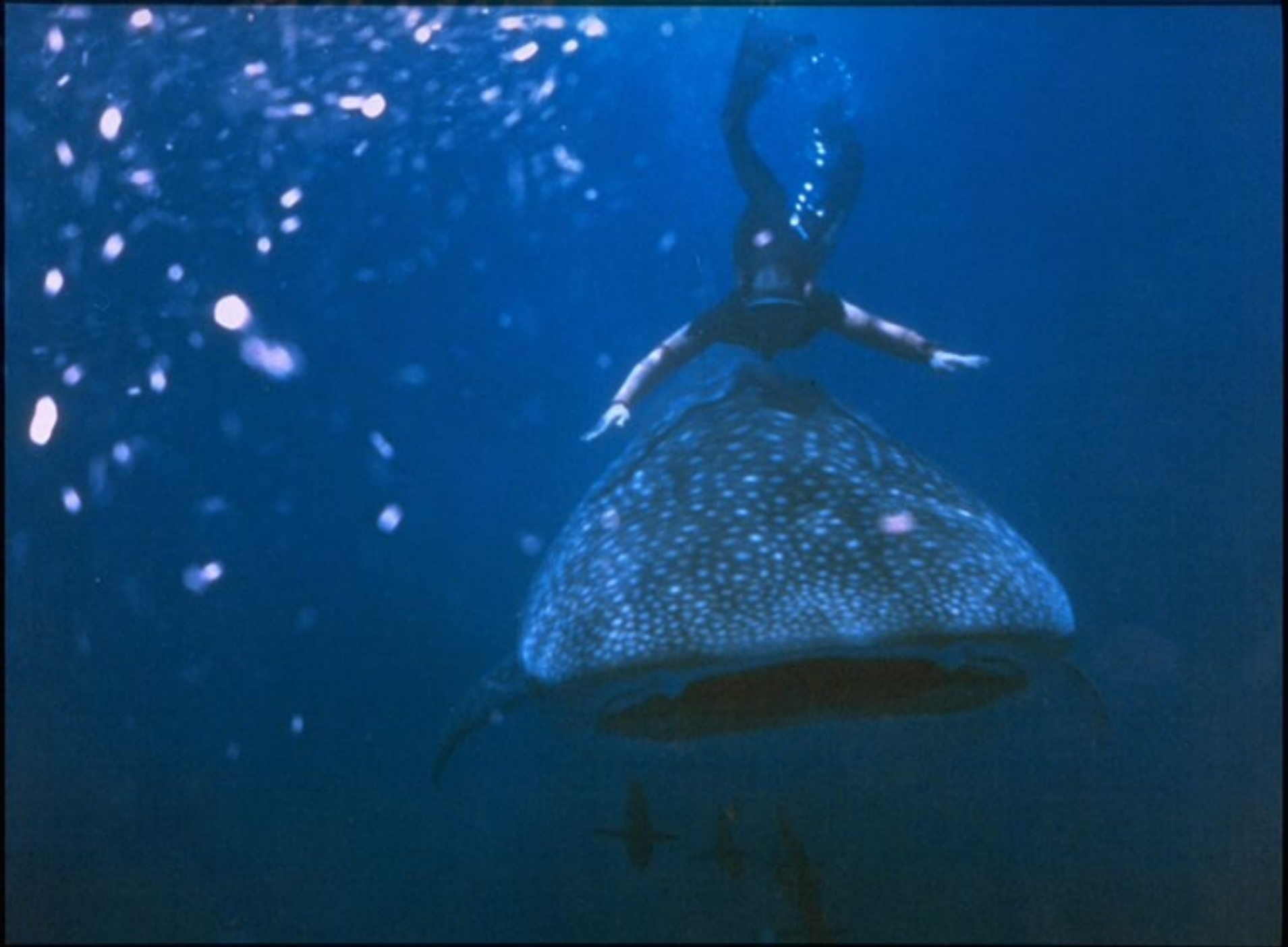




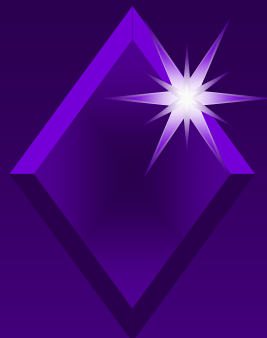




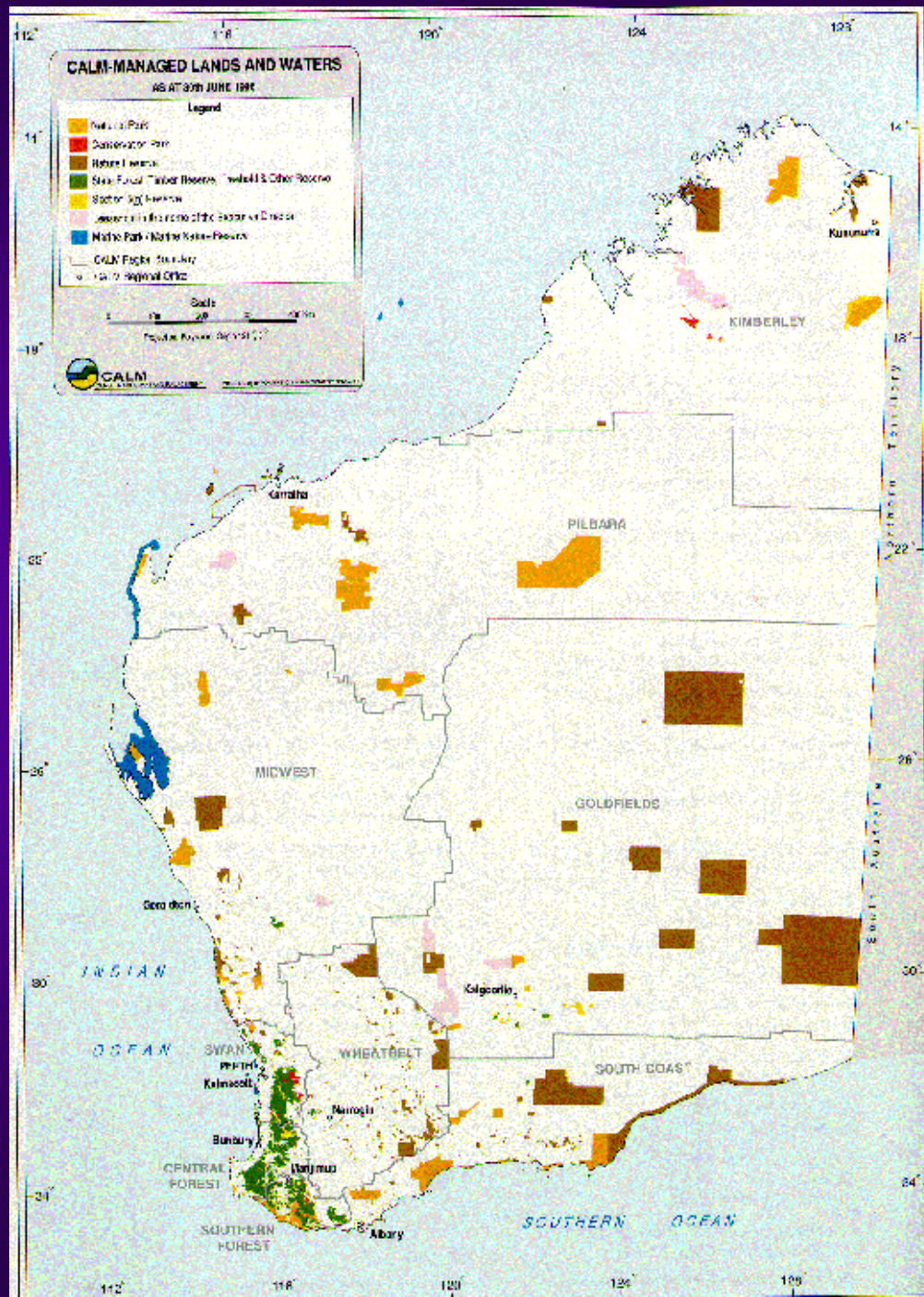








CALM managed lands and waters









Native forests in the South West

- ❑ 80 per cent of the original karri forest and 71 per cent of the original jarrah forest remain today
- ❑ 512,000 hectares of jarrah and 81,000 hectares of karri are in reserves protected from logging
- ❑ 46 per cent of the karri forest and 33 per cent of the jarrah forest are set aside in conservation reserves
- ❑ A minimum of 40% of the karri forest will be retained in the old growth stage

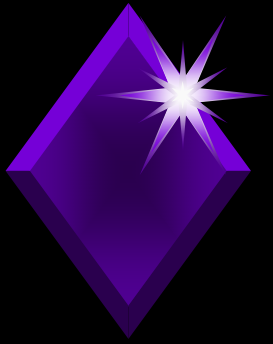




RECENT MAMMAL EXTINCTION

Australia Leads The World



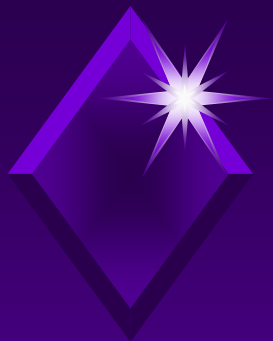




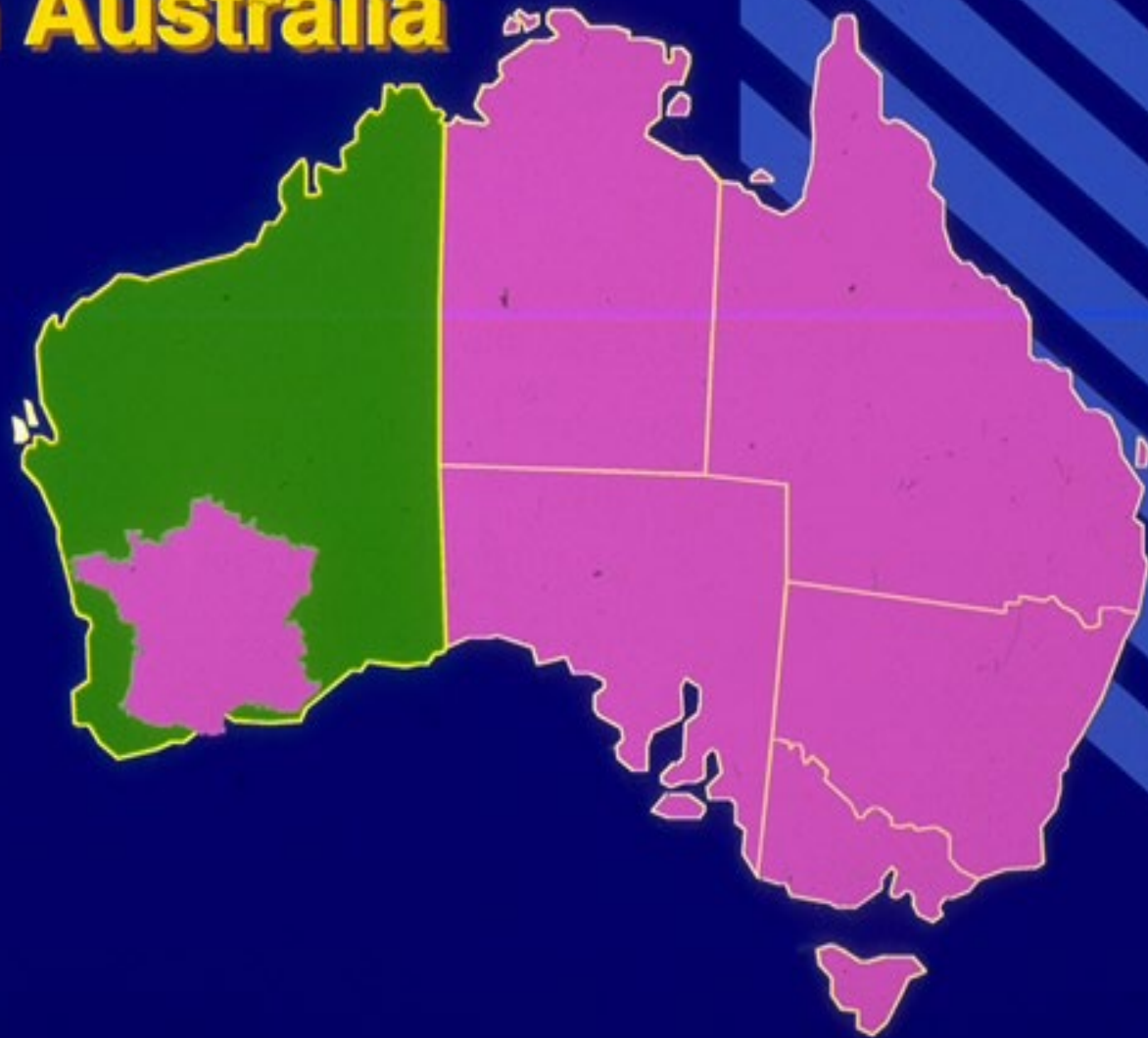








**France occupies a land area
about a quarter the size of
Western Australia**



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

51%

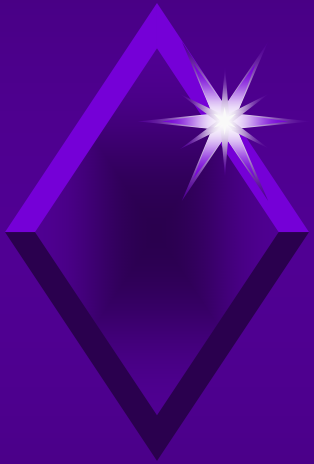






Integration

- Of skills and resources
- Of wealth creation and conservation
- Of reserve management with management of lands outside the reserve system

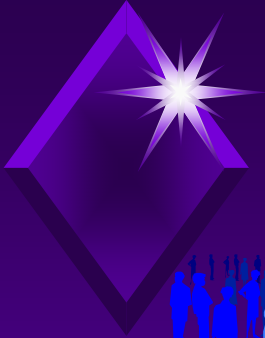


*Tourism - a critical
threatening process ?*









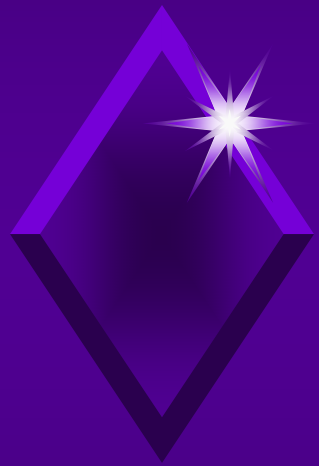
200,000 people have visited the Tree Top Walk
since it opened in September 1996



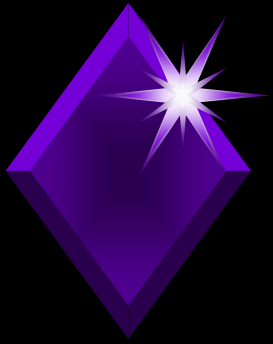
The Tree-Top Walk covers an
area of 409 m²

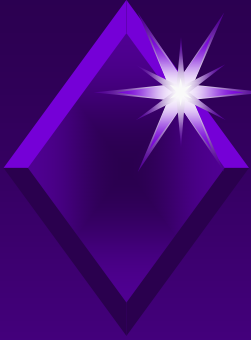


7 square metres of land were used to support the Tree
Top Walk



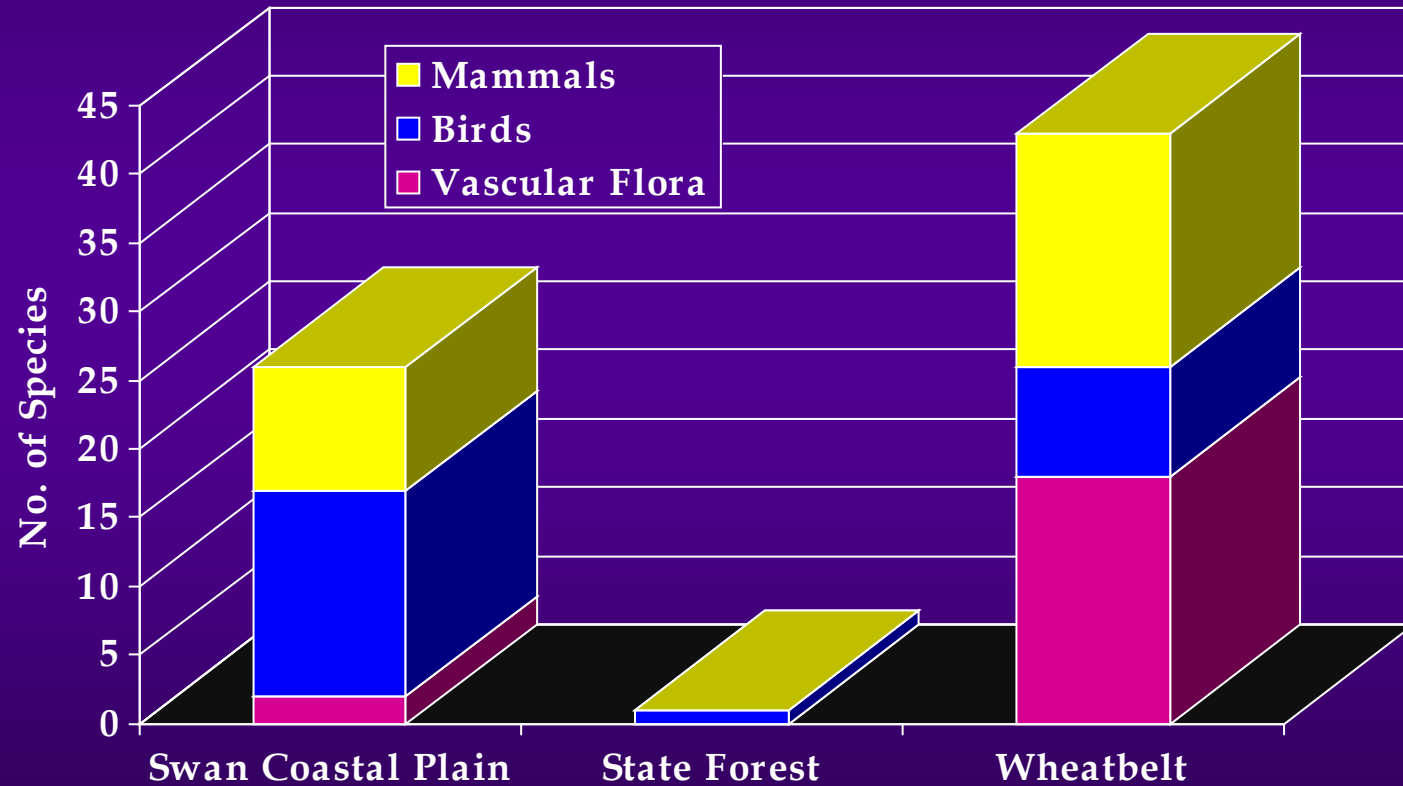
*Timber harvesting - a critical
threatening process ?*





Species extinctions since European settlement in 1829

(After Armstrong and Abbott, 1995)



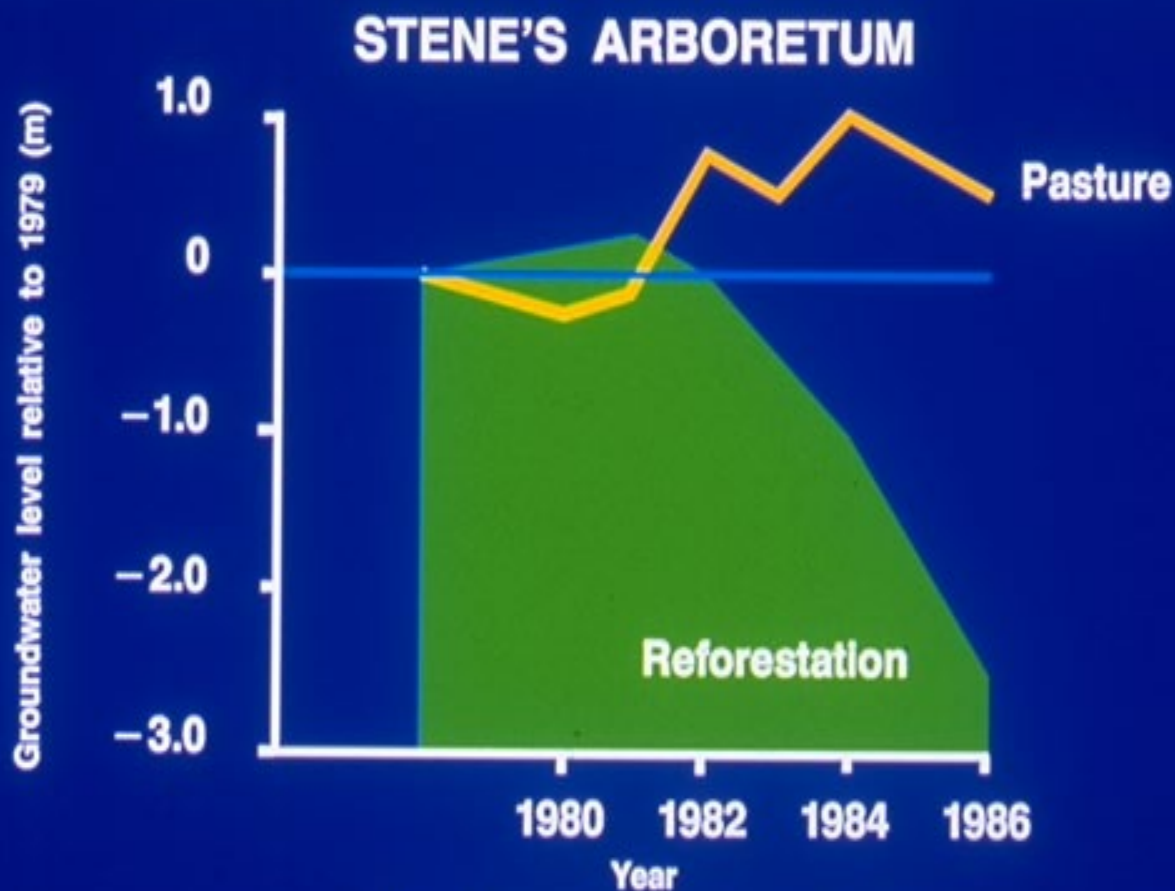








THE EFFECT OF TREE CROPS ON WATER TABLE LEVELS



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





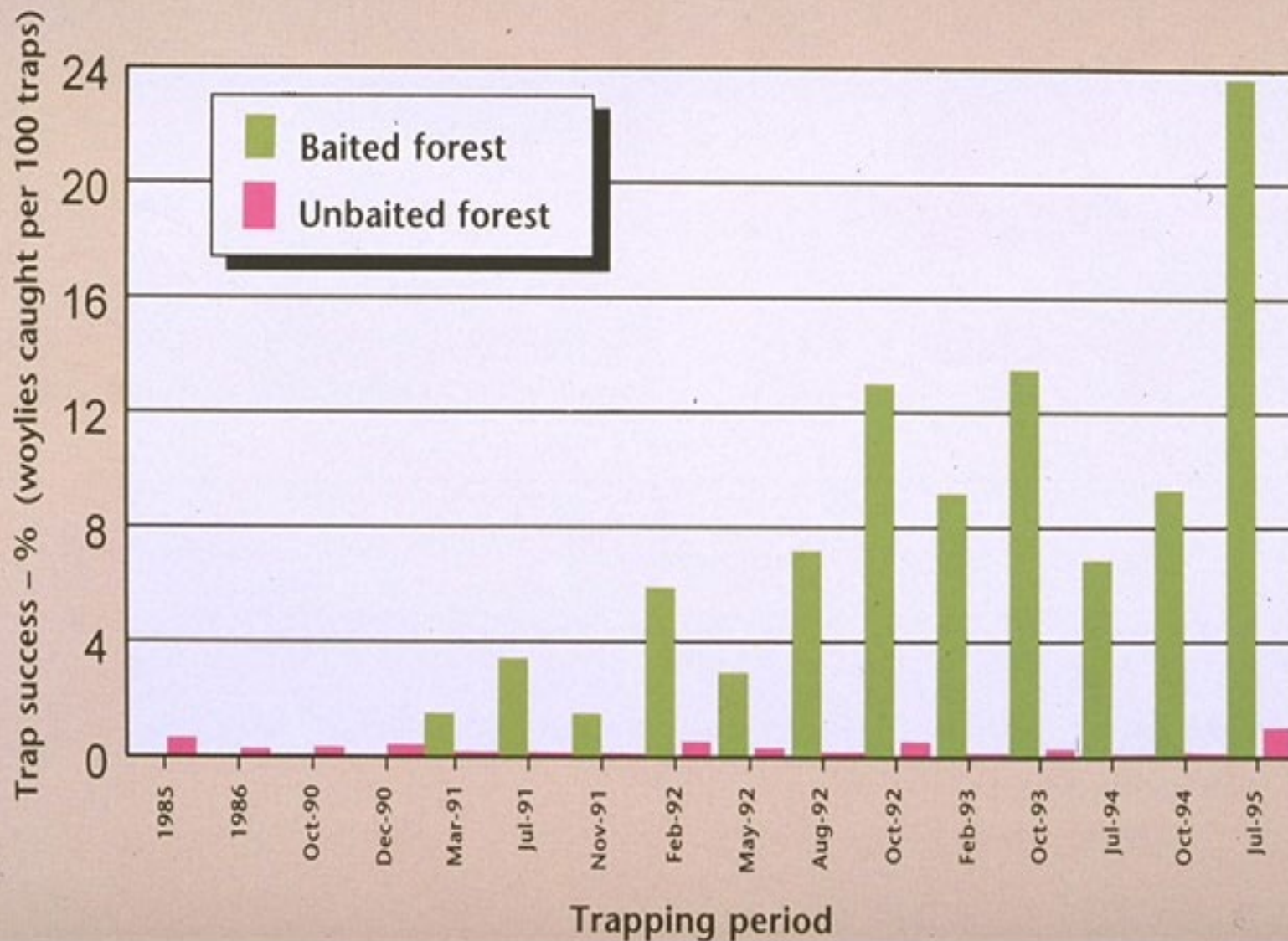








MEAN DAILY TRAP SUCCESS RATES(%) OF WOYLIES IN BAITED AND UNBAITED JARRAH FOREST







Numbat Sightings in Dryandra Forest

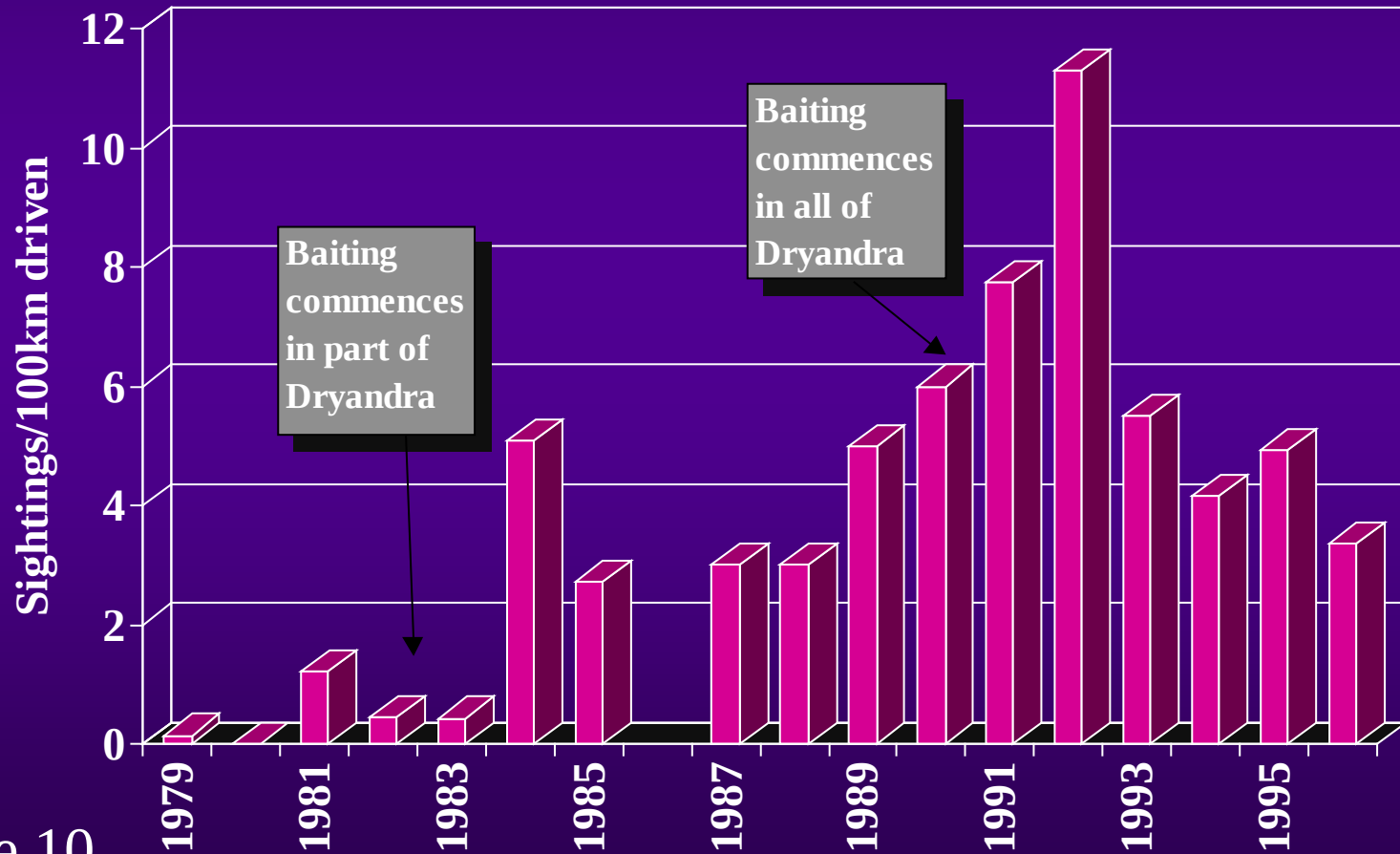
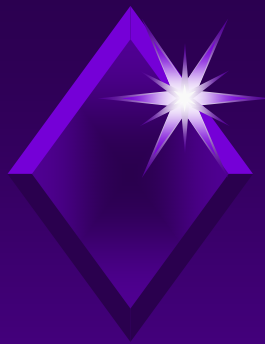
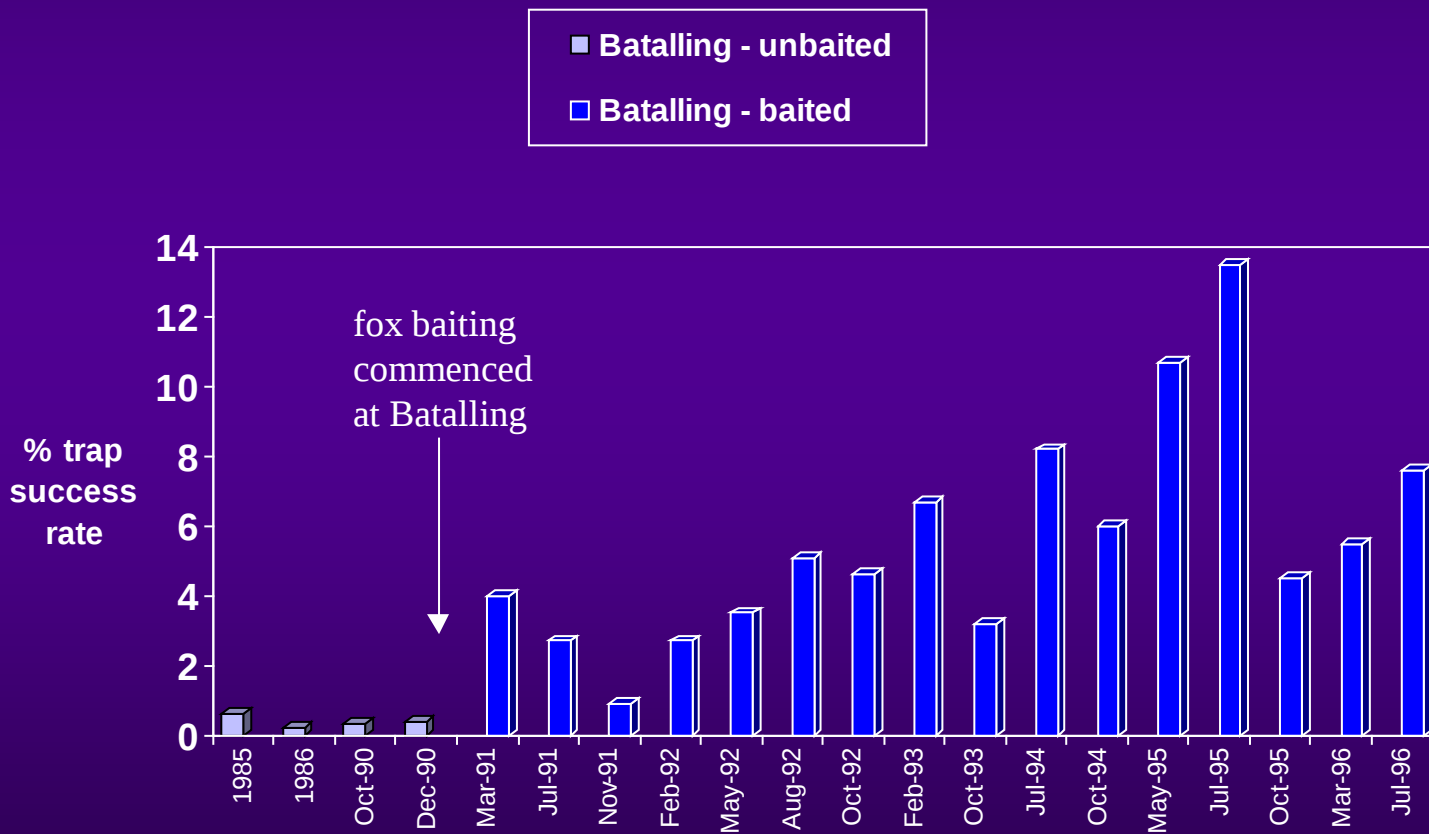


Figure 10

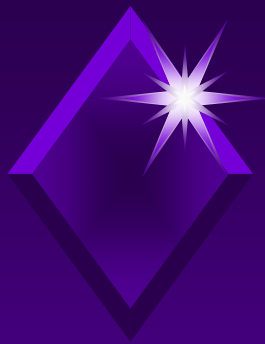




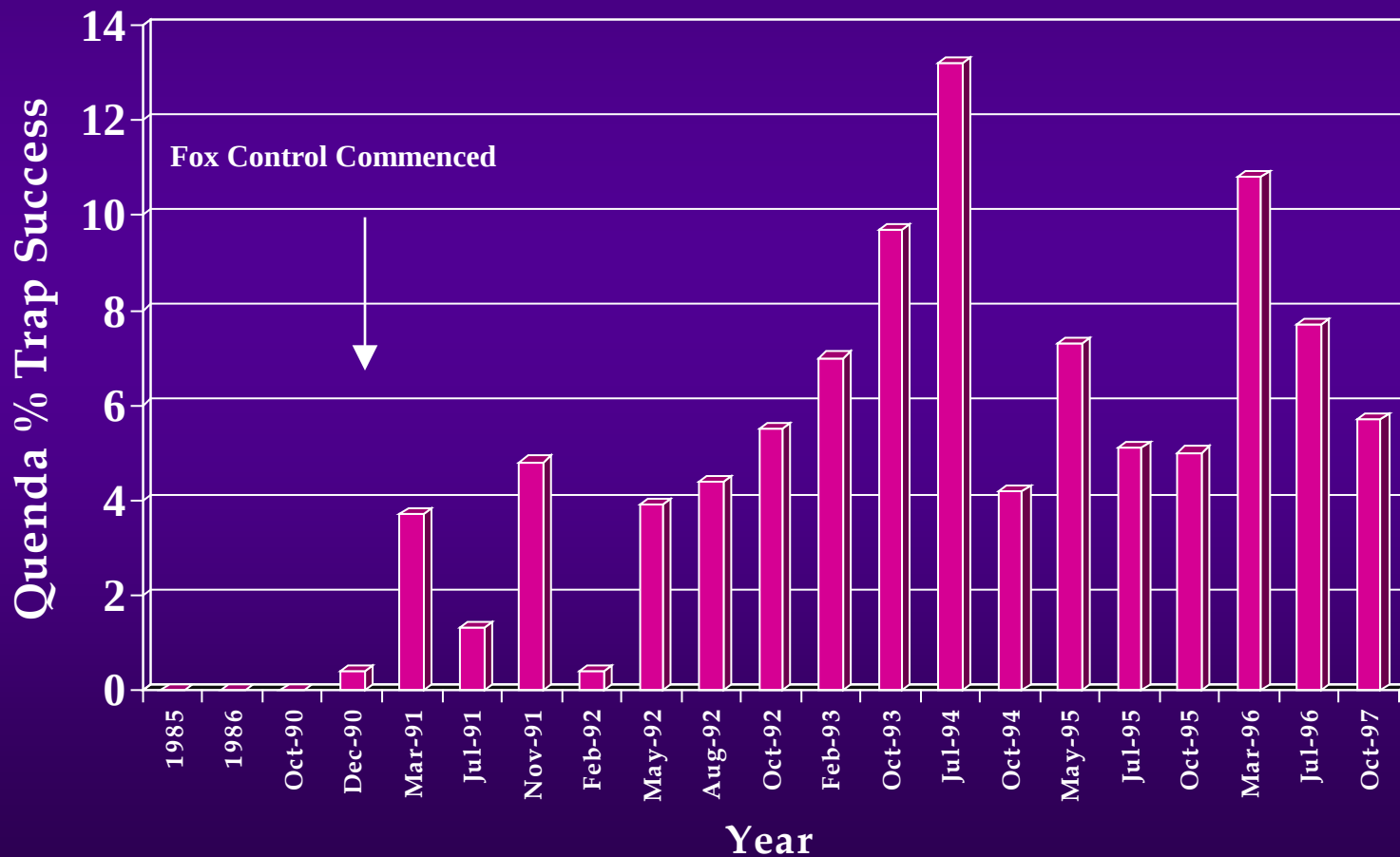
The impact of fox control on Chuditch at Batalling forest



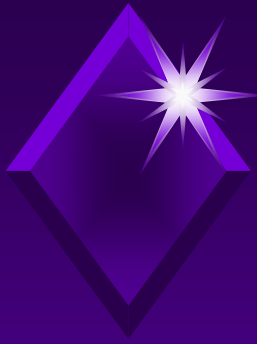




Brushtail Possum Response To Fox Control- Batalling Forest Block

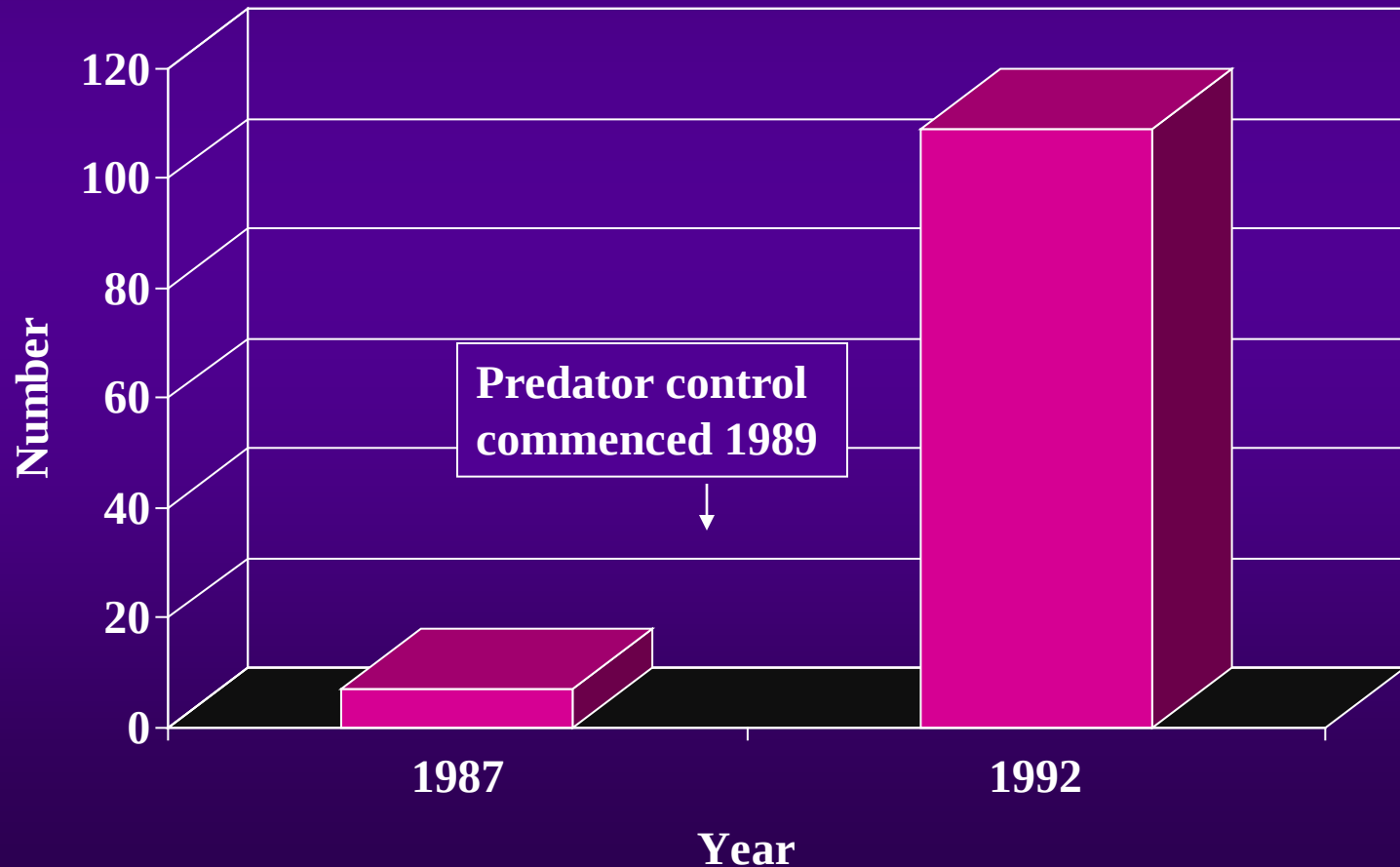


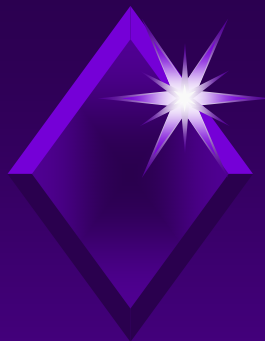




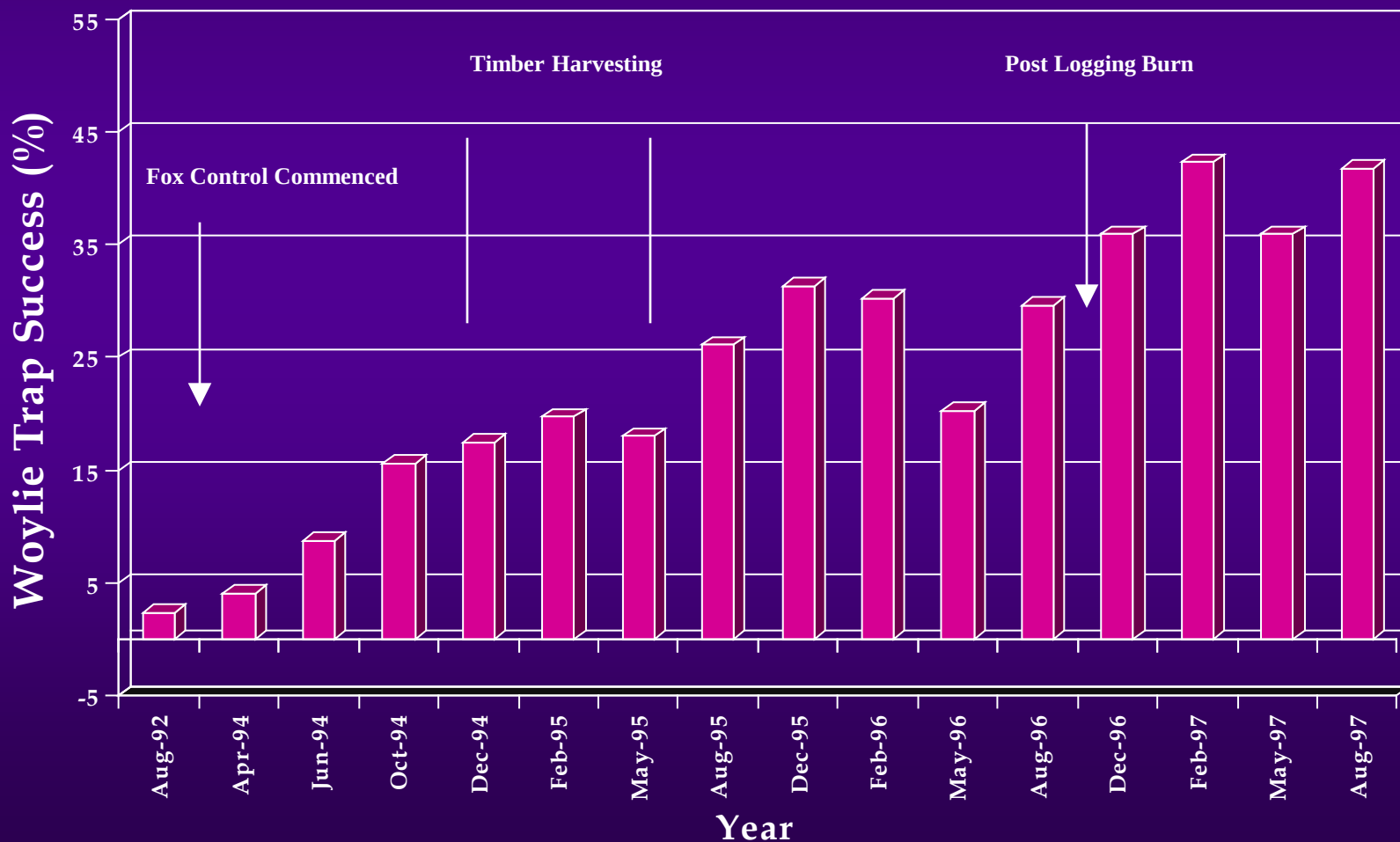
Tutanning Nature Reserve Annex

Tammar Wallaby Sightings (Standardised Spotlight Traverses)

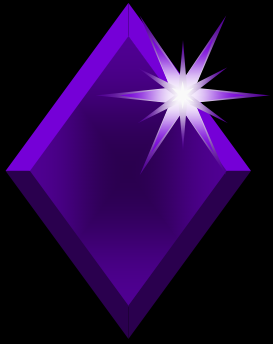




Kingston Timber Harvesting Study - Trap Success Rates For Woylies Along Road Transects

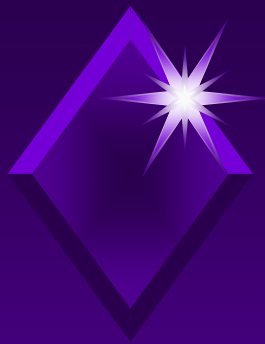




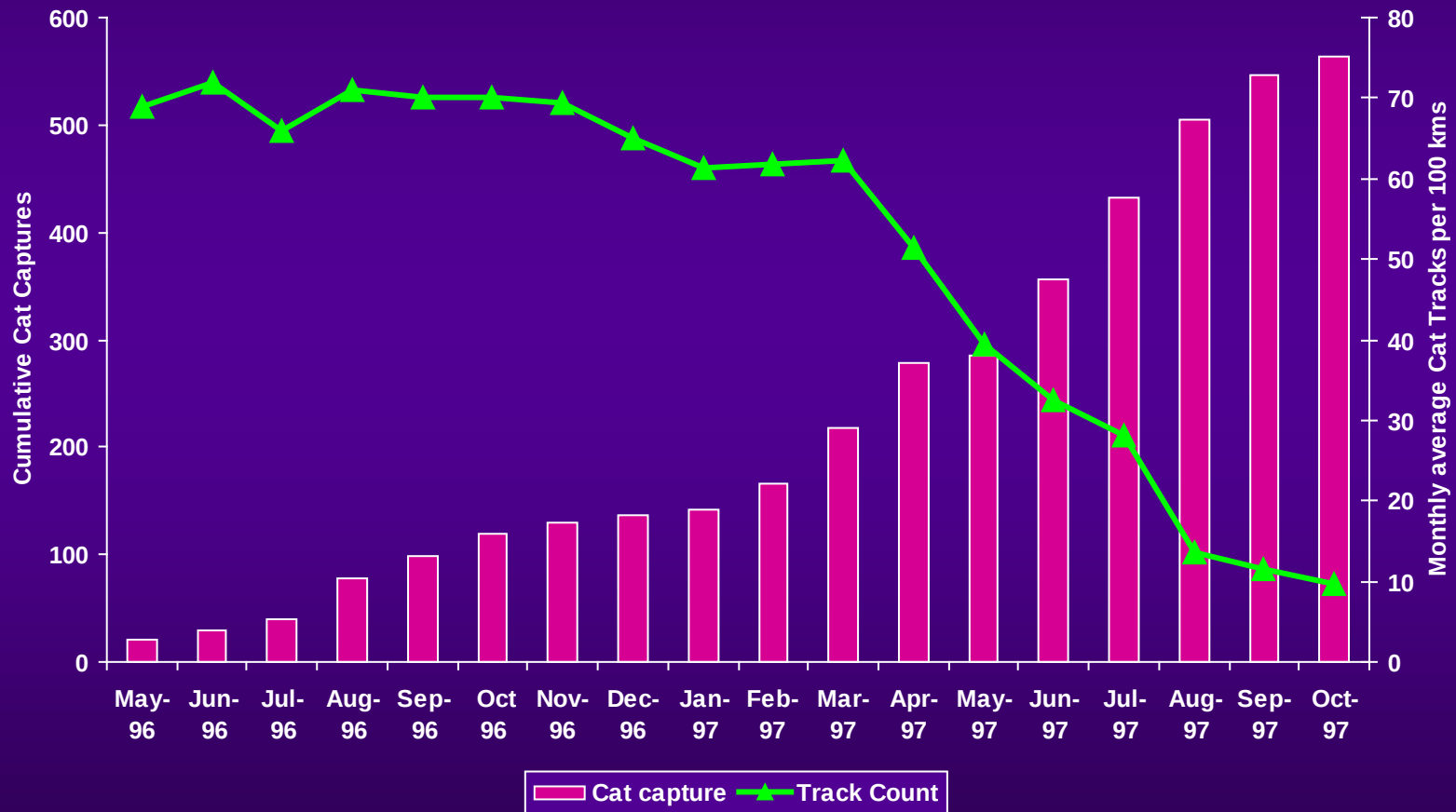




1 31 '94

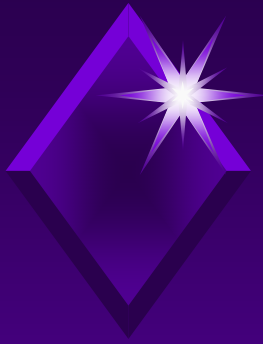


Comparison between Cumulative Cats Captured and Monthly Average Cat Track Counts

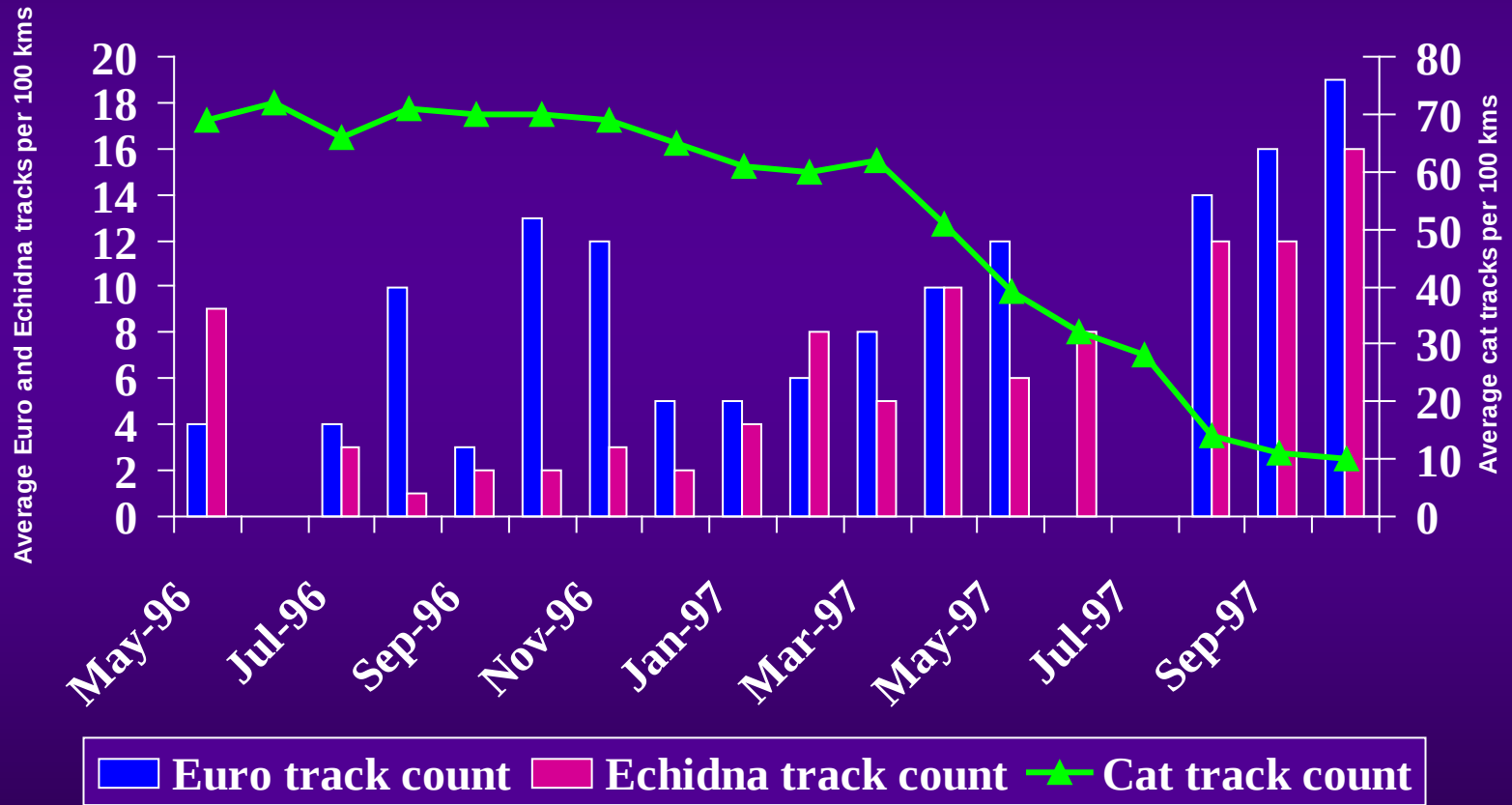


Note: Cat Tracks Above 60 Tracks per 100 kms are difficult to physically estimate





Comparison between average monthly Euro, Echidna and Cat track counts

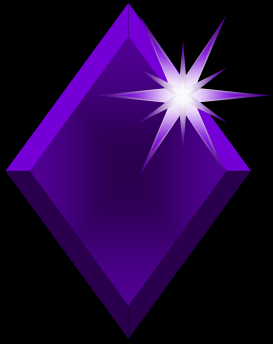


Note: Cat Tracks Above 60 Tracks per 100 kms are difficult to physically estimate

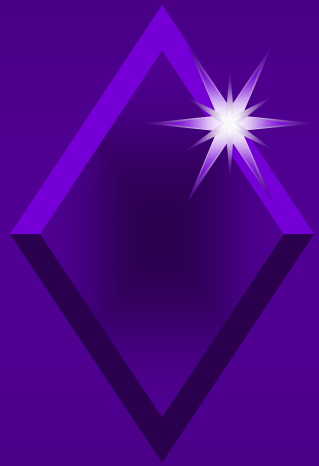
Introducing the Small Twelve



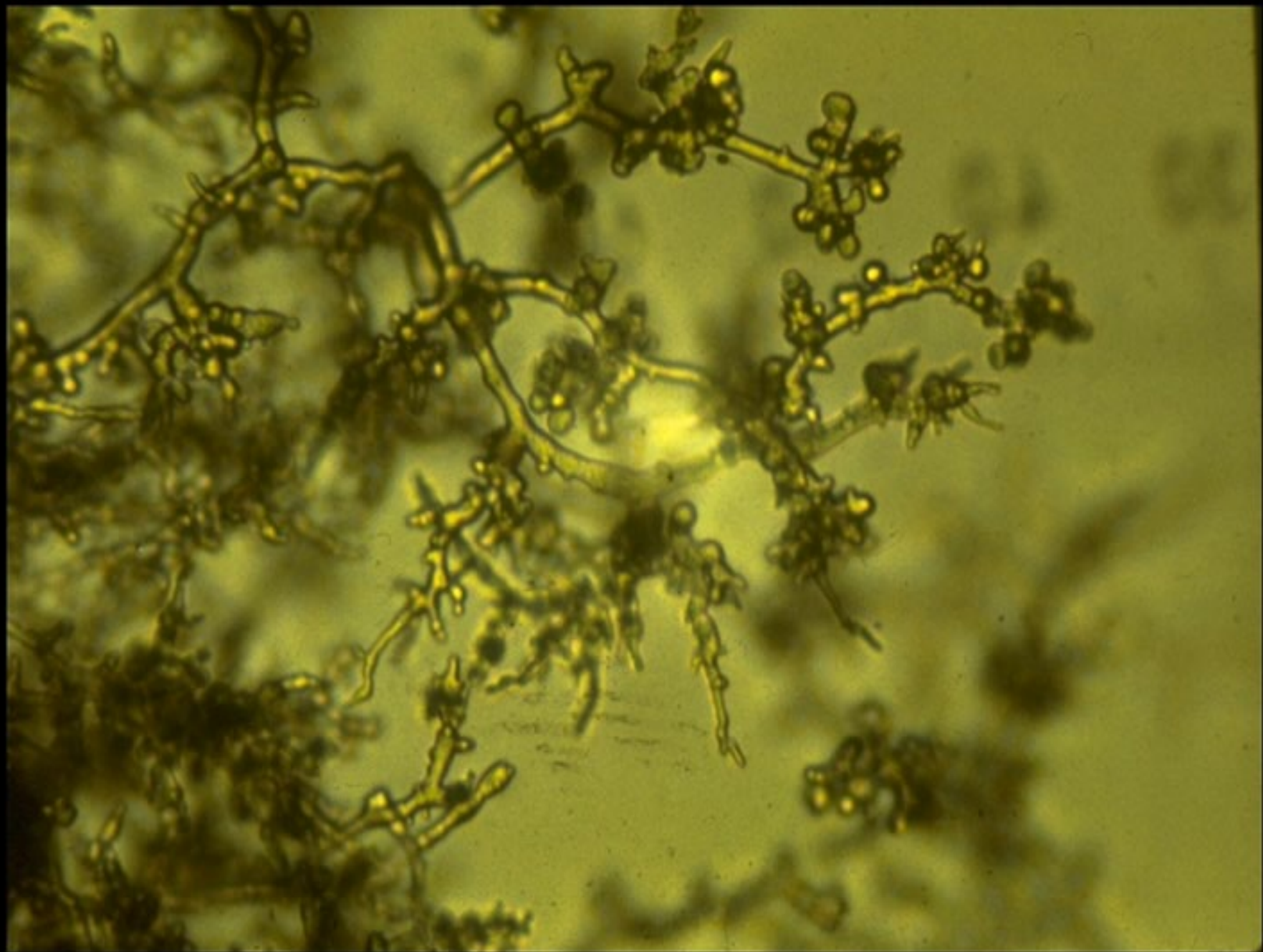




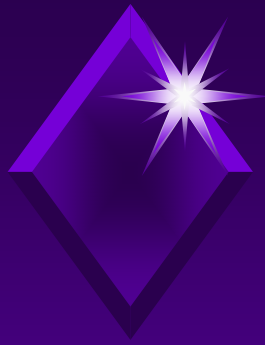




The threat from Phytophthora

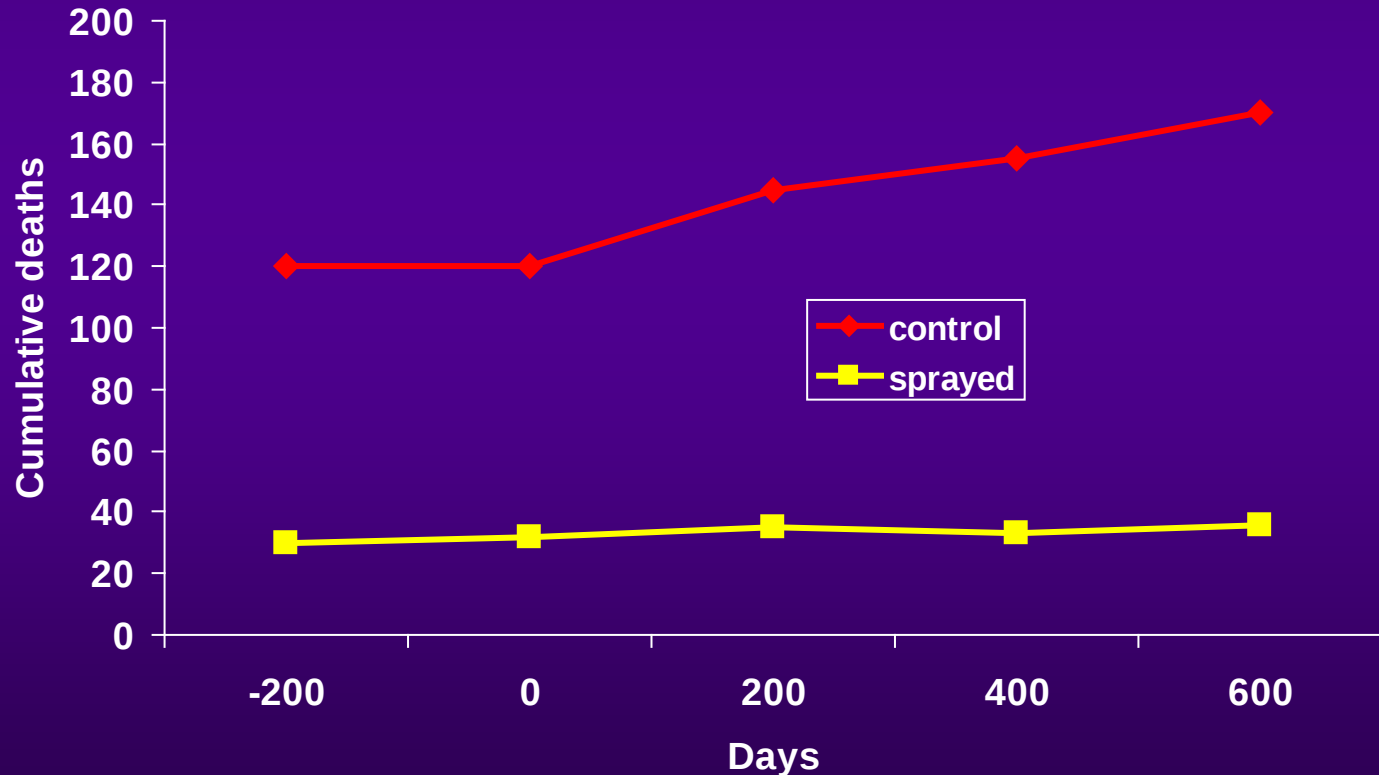






Mortality of Banksia coccinea at Gull Rock Nature Reserve following spraying with phosphonate

(Courtesy - Barbara Komorek)









*Promoting industries that CAN
HELP CONSERVATION*

THE WHALE SHARK EXPERIENCE PASS

NINGALOO MARINE PARK



NOT TRANSFERABLE

WST-0001

Ticket Number

Adult/Child

Cross out whichever
is not applicable

Valid only for date
shown in box



Department of Conservation and Land Management

PHOTO - PIP O'DELL





