


LANDSCOPE

A Summary of Story Contents
compiled by Steve Murnane

Department of Conservation and Land Management
Public Affairs Branch

COVER  Yellow everlastings; black border

(Page 3)

"REDISCOVERING MOUNTAIN BELLS"

by Greg Keighery.

The Stirling Ranges - home to almost 1,000 species of flowering plants.

(Page 11)

"THE HAMERSLEY RANGE - A PHOTOGRAPHIC ESSAY"

by Cliff Winfield.

Photographer, Cliff Winfield's camera does the talking on the Hamersley Range National Park.

(Page 19)

"THE LANE POOLE JARRAH RESERVE"

by Wayne Schmidt & Peter Kimber.

(Page 29)

"THE SEARCH FOR THE WESTERN BRISTLEBIRD"

by Malcolm Taylor.

The western bristlebird is extremely rare. Its habitat is restricted to southern coastal areas of Western Australia near Albany.

COVER  Groper Bluff; blue border

(Page 3)

"THE CHARM OF YANCHEP"

by David Lamont & Helen Bradbury.
Yanchep National Park.

(Page 6)

"DIEBACK ON THE SOUTH COAST"

by A J Brandis & F E Batini.

The fungus disease, dieback, poses an ever-increasing threat to vegetation throughout much of the south-west of Western Australia.

(Page 12)

"FRAGILE SOUTH COAST: A PHOTO ESSAY"

by Cliff Winfield.

Photographer Cliff Winfield's photographic essay of Western Australia's south coast.

(Page 21)

"SEARCHING FOR NUMBATS"


by G W Connell & J A Friend.

The search for Western Australia's rare and endangered fauna emblem.

(Page 27)

"HISTORIC TREES OF WESTERN AUSTRALIA"

by Len Talbot.

COVER  Two pink and grey galahs on a tree; green border

(Page 2)

"SELLING AUSTRALIA'S HERITAGE"

by Liana Christensen.

Wildlife smuggling.

(Page 10)

"THE TENUOUS TUART"

by Ian Kay.

Western Australia's tuart forests.

(Page 15)

"DEVONIAN REEF"

by Cliff Winfield.

A photographic essay of the Devonian Reef area of northern Western Australia.

(Page 22)

"NEW TIMBER FROM A NEW FOREST"

by Andrew Cribb.


Pioneering new timbers, new products, new seasoning methods and new manufacturing styles for the future.

(Page 26)

"FALSE PRETENCES: WILY WILDFLOWERS"

by Greg Keighery.

Smart wildflowers that use deception and mimicry as a means of survival.

COVER  Caspian tern; white border

(Page 2)

"THROUGH THE LOOKING GLASS: MARMION MARINE PARK"

by Dr Barry Wilson.

CALM's Director of Nature Conservation looks at Western Australia's first marine park.

(Page 10)

"INDIGENOUS AND INGENIOUS: ABORIGINAL PLANT USAGE"

by Jan Turner.

Native plants can be used in a multitude ways - from food to medicinal uses.

(Page 17)

"MIGRATORY WADERS"

by Jim Lane.

These birds that roam the world, still manage to find time to stop off at selected lakes and estuaries in Western Australia.

(Page 22)

"A TOWN LIKE NANGA"

by Helen Fordham.

Return to Nanga, in the Murray Valley near Dwellingup.

(Page 25)

"ISLANDS IN THE SUN"


by Liana Christensen.

An example of how islands can provide a haven for native fauna.

(Page 30)

"PINE SHAREFARMING"

Softwood sharefarming in Western Australia.

COVER  Moonrise on wheat stubble; maroon border

(Page 2)

"PLANNING FOR THE SHANNON/D'ENTRECASTEAUX"

by Richard McKellar.

Planning for the Shannon Basin and D'Entrecasteaux National Parks, two of the most outstanding natural environments in the south-west of Western Australia.

(Page 10)

"MAURICE COLEMAN DAVIES: TIMBER TYCOON"

by Cliff Winfield.

The story of one of Boranup's historical characters.

(Page 16)

"WHEATBELT WILDFLOWERS: A RICH HERITAGE"

by Dr Steve Hopper.

(Page 22)

"GREENING THE WHEATBELT"

by Kevin Goss.

Today's farmers are just as likely to be planting trees rather than clearing them.

(Page 26)

"MANAGING KANGAROOS - STRIKING A BALANCE"

by Keiran McNamara .

How are our kangaroos managed and what does the future hold for them?

COVER  Whale and rescuer; dark blue border

(Page 3)

"SAVING THE WHALES"

by Keiran McNamara.

Wednesday the 30th of July, 1986: 114 False Killer Whales strand themselves at Albany.

(Page 17)

"BUNGLE BUNGLE: BIRTH OF A NATIONAL PARK"

by Liana Christensen & Chris Haynes .

(Page 26)

"SNOWSCAPES, W.A."

The rare experience of snow on the top of Bluff Knoll, Stirling Range National Park.

(Page 28)

"HERDSMAN LAKE: INNER CITY SANCTUARY"

by John Blyth and Stuart Halse.

(Page 35)

"WETLAND REFLECTIONS - A PHOTO ESSAY"

by Phill Jennings.

Photographs by Jiri Lochman and Derek Mead-Hunter.

(Page 43)

"BURNING FROM EXPERIENCE"

by Colleen Henry-Hall.

Learning about bushfires - the Aboriginal way.

(Page 44)

"DRAGONFLIES - DESERT JEWELS"

by Tony Start.

(Page 49)

"CROCODILES - A CONSERVATION CONUNDRUM"

by Cliff Winfield.

(Page 54)

"URBAN ANTICS - A REGULAR LIVING-WITH-NATURE SERIES"


by Andrew Cribb.

Metropolitan magpies.

(Page 55)

"LETTERS"

Letters to the Editor.

COVER  Black swan; white border

(Page 3)

"HOME ON THE RANGE"

by Dr Barry Wilson.

CALM's Director of Nature Conservation looks at Cape Range National Park.

(Page 9)

"GARDEN FOR WILDLIFE"

by Robert Powell.

Native gardens prove that conservation begins at home.

(Page 11)

"DIPLOMATS FROM DAY ONE: W.A.'S STROMATOLITES"

Stromatolites have been around since the dawn of time and Western Australia has some of the finest living examples of this ancient life form.

(Page 15)

"URBAN ANTICS - A HAUNTING IN SUBURBIA"

by Andrew Cribb.

Possums.

(Page 16)

"EXPLOITS AT ICY CREEK"

One of CALM's first bush camps for environmental studies is situated within Lane Poole Reserve.

(Page 17)

"A YEAR IN LILLIPUT"

by Grant Wardell-Johnson.

Granite outcrops in forest and shrubland of the Western Australia's south-west provide a variation in the gentle landscape. They also offer wonderful views - provided you can make it to the top!

(Page 22)

"THE WRITING ON THE WALL"

by Howard McNickle.

A guided tour of the Aboriginal rock art.

(Page 28)

"THE NOSTALGIC NATURALIST"

Old Timer.

Parry Lagoons Nature Reserve, Kununurra.

(continued)

(Page 29)

"WILDFIRE"

by Colleen Henry-Hall.

The Wanneroo fire of January 1986.

(Page 34)

"GIMLETS AND GOLD - THE STORY OF KALGOORLIE'S WOODLINES"

by Cliff Winfield.

The trees that were used for constructing the Goldfields mines were cut from native forest miles away and hauled along specially constructed bush railways known as the "woodlines".

(Page 41)

"A SWAMP FOR ALL SEASONS"


by Susan Moore.

Benger Swamp, 25 km north-east of Bunbury, is one of Western Australia's most important wetlands for waterbird conservation.

(Page 47)

"LETTERS"

Letters to the Editor.

COVER  Shipwreck at Broome; blue/brown colourings

(Page 3)

"DOWN BY THE RIVERSIDE"

by Colleen Henry-Hall.

The wildlife that abounds on the shores of our metropolitan rivers.

(Page 7)

"VANISHING DESERT DWELLERS"

by Dr Andrew Burbidge et al.

The arid areas of the interior and their desert dwellers.

(Page 13)

"URBAN ANTICS: LOOKING OUT MY BACK DOOR"

by Andrew Cribb.

Discovering sea-lions, dolphins and whales off the Western Australian coast.

(Page 14)

"RELICS OF A LONG LOST LAND"

by Dr Barry Wilson.

The land masses of Australia, New Zealand, Africa, India and South America once formed the lushly vegetated southern continent called Gondwana. This article examines the drifting apart of this enormous land mass.

(Page 18)

"WILUNA'S FASHION FARM"

by Stephen Davies.

Emu farming at Wiluna.

(Page 24)

"OLD CHARLEY'S LEGACY"

by Rachel Smolker.

Monkey Mia and its famous, friendly dolphins.

(Page 28)

"BLUEPRINTS FOR THE FUTURE"

by Dr S Shea & R Underwood.

CALM's management plans for Western Australia's south-west.

(Page 34)

"THE NOSTALGIC NATURALIST"

by Old Timer.

Fishing: catching no more than what we need.

(continued)

(Page 36)

"THE CHUDITCH: A SPOT-ON MARSUPIAL"

by Dr Melody Serena.

All about the Western native cat.

(Page 40)

"ON THE VERGE"

by Penny Hussey.

Roadside verges.

(Page 44)

"MANGROVES"


by Dr Vic Semenuik.

Mangroves and tidal flats.

(Page 47)

"LETTERS"

Letters to the Editor.

COVER  Tree silouhettes; blue/brown/black colourings

(Page 3)

"LEST WE FORGET"

by Helen Fordham.

The East Perth Cemetery is one of CALM's most unusual reserves.

(Page 7)

"BUSH TELEGRAPH"

by Robert Coughran.

A wildlife officers rescue story of four red kangaroos trapped in a watering hole.

(Page 9)

"ALL MY LIFE'S A CIRCLE"

by Colleen Henry-Hall.

Barney White began his career in forestry in the area between Walpole and the Frankland River. He talks about the place that he loves; the place destined to be a national park.

(Page 13)

"STAYING ALIVE"

by Liana Christensen.

How would you survive stranded in the bush?

(Page 24)

"THAR' SHE BLOWS"

by John Bannister.

The Director of the WA Museum looks at the return of the Southern Right and Humpback whales

(Page 27)

"THE NOSTALGIC NATURALIST"

by Old Timer.

Dogs in national parks.

(Page 28)

"SPRING COLLECTION - PHOTO-ESSAY"

by Judith Brown.

Western Australia's unique wildflowers.

(continued)

(Page 35)

"A THORNY PROBLEM - CROWN OF THORNS STARFISH IN W.A."

by Barry Wilson & James Stoddart.

CALM's Director of Native Conservation, Dr Barry Wilson, and Dr James Stoddart, Research Scientist with the Australian Institute of Marine Science, Townsville, discuss this scourge of coral reefs.

(Page 40)

"THE FRINGING FORESTS OF LAKE ARGYLE"

by Chris Done.

CALM's newest forests.

(Page 43)

"URBAN ANTICS: SNAKES"

by Andrew Cribb.

Snakes alive!

(Page 44)

"EATING UP THE PAST"

by Andrew Cribb.

Dozens of species of foreign mammals, birds and plants have been introduced to Western Australia since European settlement. What has been done, and what is being done about these immigrants?

(Page 49)

"SIGNS OF THE TIMES"

by Wayne Schmidt .

There's a lot more to signs than meets the eye!

(Page 51)

"PORTFOLIO - RICHARD WOLDENDORP"


by Sweton Stewart.

A look at photographer Richard Woldendorp, who has turned the outback into an artform by taking his camera to the air.

(Page 54)

"LETTERS"

Letters to the Editor.

COVER  Frog and moon; black/green colourings

(Page 3)

"GULLS"

by Catherine Meathrel.

Canadian gull biologist, Catherine Meathrel, sorts out the facts and myths of the much maligned sea gull.

(Page 7)

"MAGIC SPOT"

CALM's newest recreation site at One Tree Bridge-Glenoran Pool on the Donnelly River near Manjimup.

(Page 8)

"BUSH TELEGRAPH"

Subantarctic Fur Seal; Kalgoorlie Arboretum;
Swan River Management Strategies.

(Page 10)

"SAD WRAP"

by Liana Christensen.

The needless deaths of marine life due to modern man's carelessly disposed of plastic waste.

(Page 15)

"NOSTALGIC NATURALIST"

by Old Timer.

Re-discovering Rottnest Island.

(Page 16)

"W.A.'S RAINFORESTS"

by Norm McKenzie, Kevin Kenneally & Cliff Winfield.

Tiny pockets of rainforest survive on WA's Kimberley coast.

(Page 23)

"PORTFOLIO - MICHAEL MORCOMBE"

by Sweton Stewart.

A profile of one of Australia's most prolific wildlife and natural environmental photographers.

(continued)

(Page 26)

"LOCAL HEROES"

by Andrew Cribb.

The Fitzgerald River National Park. The story of how a group of local people banded together to help create a national park.

(Page 34)

"URBAN ANTICS: SPIDERS"

by Liana Christensen.

(Page 35)

"FIRE: GOOD SERVANT; POOR MASTER"

by Colleen Henry-Hall & John Smart.

(Page 38)

"THE SHANNON"

by Rae Burrows.

One time mill town, now a popular south-west holiday spot.

(Page 40)

"DREAMING FOR THE FUTURE"


by Chris Haynes.

What does the future hold for our national parks?

(Page 46)

"LETTERS"

Letters to the Editor.

COVER  Trees silouhettes in the mist; white border

(Page 3)

"RESTORING NATURE'S BALANCE"

by S R Shea & J R Bartle.

Tasmanian Bluegum planting on cleared agricultural land in the south-west of Western Australia.

(Page 15)

"GREENHOUSE AUSTRALIA"

by J Blythe & P Noyce.

Discusses the greenhouse effect and the ozone layer.

(Page 23)

"CARRY ON CAMPING"

by Andrew Cribb.

A tour of the Western Australia's best camping spots.

(Page 28)

"NOSTALGIC NATURALIST"

by Old Timer.

Just who is buried under Albany's Town Hall?

(Page 29)

"WALKING THROUGH THE PAST"

by Avril O'Brien.

The Heritage Trail of WA.

(Page 32)

"BUSH TELEGRAPH"

Eagles' Heritage Park;

Burton's legless lizard attacking a skink.

(Page 34)

"CAVES, WAVES AND CULTURE"

by Andrew Cribb.

Leeuwin-Naturaliste National Park.

(Page 42)

"TREATED TIMBER - IS IT SAFE?"

by Graeme Siemon.

Examines the safety of preserved pine, which is used extensively in outdoor playground equipment.

(continued)

(Page 44)

"ENDANGERED: WESTERN SWAMP TORTOISE"

by Andrew Burbidge.

(Page 45)

"EYE OF THE BEHOLDER - A PHOTO ESSAY"

by Aris De Jong.

Beautiful "beasts" of the garden.

(Page 48)

"URBAN ANTICS"

by Colleen Henry-Hall.

What lurks in our offshore waters?

(Page 49)

"FROM FIELD AND FOREST:EDIBLE FUNGI"


by Roger Hilton.

Edible fungi in Western Australia.

(Page 54)

"LETTERS"

Letters to the Editor.

COVER  Lizard head among everlastings

(Page 3)

"BEYOND THE BOMB: MONTEBELLOS IN 1988"

by Keith Morris, Liana Christensen, Tony Start.

The past, present and future of the Montebellos; a group of more than 100 islands off the north-coast of Western Australia.

(Page 8)

"SHARK BAY"

by Dr Barry Wilson.

(Page 17)

"THE LAST LAKE"

S A Halse.

Salinity is a problem at Toolibin Lake, near Narrogin.

(Page 23)

"BUSH TELEGRAPH"

Marri blossom time.

(Page 25)

"THE QUIET ACHIEVERS: W.A.'S TERMITES"

by Tess Williams.

(Page 31)

"CARVING THE FUTURE"

by Colleen Henry-Hall.

The fine hardwoods of Western Australia's native forests become beautiful and functional works of art in the hands of local craftspeople.

(Page 36)

"PERTH'S HIDDEN WATER SUPPLY"

by Trevor Butcher.

Perth's hidden source of water - the Gnangara Mound.

(Page 43)

"URBAN ANTICS: BIRDS"

by Louise Burch".

(continued)

(Page 44)

"GARDEN ESCAPES"

by Greg Keighery.

Some plants that have been cultivated as ornamentals or occasional crop plants, that have become partly or wholly naturalised.

(Page 49)

"BATS, BATS AND MORE BATS"

by Tony Start & Norm MacKenzie.

(Page 54)

"ENDANGERED!"


by Greg Keighery.

Brown's banksia.

(Page 55)

"LETTERS"

Letters to the Editor.

COVER  Magpie geese on the Ord River; brown colourings

(Page 4)

"HILLS' BELLES"

by John Marshall and Brian Tullis

Two members of the Darling Range Branch of the WA Wildflower Society give a guided tour of the flora found in that area.

(Page 12)

"RIGHT ON TRACK"

by Kylie Byfield .

A four-wheel drivers guide to successful trekking.

(Page 19)

"BUSH TELEGRAPH"

The Welcome Swallow;

rare migratory waders found on north-west coast;

\$6.5 million funds for Western Australia's national parks.

(Page 20)

How well would our wildlife cope with an oil spill?

(Page 27)

"URBAN ANTICS: MARRON GLACE"

The trials and tribulations of marroning.

(Page 28)

"PINES - THE SOFT OPTION"

by Don Spriggins.

Pine plantings in Western Australia.

(Page 32)

"WALL OF MOUTHS"

By Barry Wilson.

Ningaloo Reef - part of the Ningaloo Marine Park near Exmouth, Western Australia.

(Page 40)

"BOOK REVIEW; WILD PLACES, QUIET PLACES"

Discover the natural places to visit down south between Bunbury and Eucla, Western Australia.

(continued)

(Page 42)

"MORE BORING INSECTS"

Wood eating insects - what they are and what to do about them.

(Page 47)

"PRINCE REGENT: JEWEL OF THE KIMBERLEY"

by Andrew Burbidge, Chris Done and Barry Wilson.

One of Australia's remotest places is fast becoming an attraction to tourists.

(Page 54)

"GATHER NO MOSS"

by David Coates.

Botanist, David Coates, looks at the fungi, lichens and algae which have been elevated to the status of protected flora.

(Page 56)

"REBUILDING THE CATHEDRAL"

by Roger Underwood.

The philosophy and history of forest restoration.

(Page 61)


"ENDANGERED: GOLDEN BANDICOOT"

by Andrew Burbidge.

(Page 62)

"LETTERS"

Letters to the Editor.

COVER  Shell beach, Hamelin Pool; blue/white colourings

(Page 4)

"THE LAST OF THE WILD MARRON"

by Andrew Cribb.

The problems facing marron in Western Australia.

(Page 9)

"OUT OF THE MOUTHS"

Some of the entries received from nine to 11 year olds in response to Landscape's National Parks competition.

(Page 12)

"OUTFOXING THE FOX"

by Jack Kinnear.

(Page 18)

"OF WHALE AND FRIEND"

by Kylie Byfield.

The four day whale rescue at Augusta, Western Australia, October 1988.

(Page 21)

"URBAN ANTICS"

by John Hunter.

The bobtail lizard or shingle-back skink.

(Page 22)

"CREATIVE WITH NATIVES"

by Liana Christensen.

Good garden designs for Western Australia's climate.

(Page 27)

"PORTFOLIO - SUSAN TINGAY"

by Liana Christensen.

Portrait of a natural history artist.

(Page 30)

"BUSH TELEGRAPH"

Popeye the seal; native jewel beetle.

(Page 32)

"CONSERVATION RESERVES IN THE KARRI FOREST"

by Barney White and Roger Underwood.

(continued)

(Page 39)

"A SIGHT TO BEHOLD"

by Jim Lane.

Pelicans.

(Page 42)

"WHAT'S IN A NAME?"

by Paul Wilson.

The Western Australian Herbarium examines botanists predilection for changing plant names.

(Page 43)

"BUYING BACK THE FARM"

by Alex Errington.

The re-purchasing of privately owned land areas of high conservation value.

(Page 47)

"ENDANGERED: PURDIE'S DONKEY ORCHID"

by Stephen van Leeuwin.

(Page 48)

"DESERT GEM"

by David Pearson.

Research Scientist David Pearson shares his observations on the remote Gibson Desert.

(Page 51)


"SNAKES AND ADDERS"

by Ray Dickson.

(Page 54)

"LETTERS"

Letters to the Editor.

COVER  Butterfly; brown colourings

(Page 4)

"FIREWOOD - THE BURNING ISSUE"

by Steve Slavin.

One third of Perth households rely on firewood for heating.

(Page 6)

"KARRI FOR KEEPS"

by Roger Underwood and Barney White.

Examines management of all the karri forest's assets, its timber production, water catchment ability and recreation value.

(Page 13)

"PORTFOLIO - KIM PERRIER"

by Kylie Byfield.

Profile of a Bridgetown sculptor.

(Page 18)

"OUT ON A LIMB"

by Ian Abbott.

Discusses the impact insects have on Western Australia's jarrah forests.

(Page 22)

"AUTUMN COLOURS"

by Roger Underwood.

Western Australia's forests in autumn have just as many colours and hues as their European counterparts.

(Page 24)

"URBAN ANTICS"

by John Hunter.

Ants everywhere!

(Page 25)

"DIVER'S DIARY"

by Greg Pobar.

Marmion Marine Park Manager, Greg Pobar, documents and monitors the marine life in the Park.

(continued)

(Page 28)

"JEWEL OF THE SOUTH"

by John Watson.

South Coast Regional Manager, John Watson, discusses the new draft management plans for the region.

(Page 33)

"BUSH TELEGRAPH"

Humpback whales head south.

(Page 35)

"THE PRICE OF POPULARITY"

by Chris Haynes.

The Parks Improvement Programme.

(Page 40)

"IN SEARCH OF..."

by Bert & Babs Wells and Brian Hay.

Pollinating of rare plants by honeyeaters;
the search for a rare butterfly.

(Page 44)

"IT'S A DOLPHIN!"

by Roselynn Lang.

Jubilation at Yanchep's Atlantis Marine Park following the birth of two healthy, dolphin offspring.

(Page 46)

"SWEET RETREAT"

by Carolyn Thomson and Kim Williams.

The graceful tropic bird which nests near Cape Naturaliste, Western Australia.

(continued)

(Page 50)

"PIECING TOGETHER THE REMNANTS"

by Kevin Kenneally & Norm McKenzie.

An ecological survey of Western Australia's unique rainforest remnants.

(Page 53)

"ENDANGERED!"

The Lesser Noddy

by Andrew Burbidge.

(Page 54)

"LETTERS"

Letters to the Editor.

COVER  Aboriginal Ranger; white border

(Page 4)

"IN PERSPECTIVE"

Letters to the Editor.

(Page 6)

"BUSH TELEGRAPH"

Western swamp (short-necked) tortoises; Shark Bay book;
Mount Augustus National Park; New Zealand fur seal;
Request for Chuditch information; Book review.

(Page 8)

"THE GREAT ESCAPE"

by Bob Chandler.

Effluent disposal ponds from nearby industry are affecting the Leschenault Inlet. Restoration work and a new conservation park are planned for the Leschenault Peninsula near Bunbury.

(Page 14)

"FATAL ATTRACTION"

by Jim Stoddart.

Drupella: a population explosion of coral-eating snails threatens the unique reefs of Ningaloo Marine Park.

(Page 21)

"FRIENDS FOR LIFE"

by Kylie Byfield.

Busselton couple, Rita and Norval Watts, founders of FAWNA; a volunteer group that cares for sick and injured animals.

(Page 24)

"VALWOOD, NEW WOOD"

by Ray Bailey.

Wood that was only once suitable for firewood can now be used to make high grade furniture.

(Page 28)

MT LESUEUR - JURIEN JEWEL"

By Angus Hopkins and Steve Hopper.

A spectacular landscape featuring an astounding array of plants and animals.

Aboriginal Ranger; white border

- 4 **IN PERSPECTIVE**
Letters to the Editor.
- 6 **BUSH TELEGRAPH**
Western swamp (short-necked) tortoises; Shark Bay book; Mount Augustus National Park;
New Zealand fur seal; Request for Chuditch information.
Book Review: *The Kimberley - An Adventurer's Guide*.
- 8 **THE GREAT ESCAPE**
by Bob Chandler.
Effluent disposal ponds from nearby industry are affecting the Leschenault Inlet.
Restoration work and a new conservation park are planned for the Leschenault Peninsula near Bunbury.
- 14 **FATAL ATTRACTION**
by Jim Stoddart.
Drupella: a population explosion of coral-eating snails threatens the unique reefs of Ningaloo Marine Park.
- 21 **FRIENDS FOR LIFE**
by Kylie Byfield.
Busselton couple, Rita and Norval Watts, founders of FAWNA - a volunteer group
that cares for sick and injured animals.
- 24 **VALWOOD, NEW WOOD**
by Ray Bailey.
Wood that was only once suitable for firewood can now be used to make high grade furniture.
- 28 **MT LESUEUR - JURIE JEWEL**
by Angus Hopkins and Steve Hopper.
A spectacular landscape featuring an astounding array of plants and animals.
- 34 **ENDANGERED!**
Porongurup plants.
- 35 **FRAGRANT HARVEST**
by Ian Kealley.
Sandalwood harvesting, one of Western Australia's first export industries,
continues to thrive in remote parts of the State.
- 40 **WALK ON THE WILD SIDE**
by Kylie Byfield.
Bushwalking.
- 46 **IF YOU GO DOWN TO THE WOODS TODAY...**
by Carolyn Thomson.
Marijuana cultivation in State forests and nature reserves.
- 47 **ANCIENT DREAMS, NEW DIRECTIONS**
by Chris Haynes.
In Western Australia's far north, Aboriginal rangers with ties to the land now in national parks,
draw on the traditional wisdom of their people for use in Park management.
- 50 **MARRI FOR MONEY**
by Cliff Winfield.
A century ago marri was only considered useful as a shade tree, while jarrah and karri were
financing the development of the colony. Now marri is a major export earner, and is emerging
as having the potential for making fine furniture.
- 54 **URBAN ANTICS**
by John Hunter.
Winter beachcombing.
- 55 **PHOTO COMPETITION**

(continued)

(Page 35)

"FRAGRANT HARVEST"

by Ian Kealley.

Sandalwood harvesting, one of Western Australia's first export industries, continues to thrive in remote parts of the State.

(Page 40)

"WALK ON THE WILD SIDE"

by Kylie Byfield.

Bushwalking.

(Page 46)

"IF YOU GO DOWN TO THE WOODS TODAY..."

by Carolyn Thomson.

Marijuana cultivation in State forests and nature reserves.

(Page 47)

"ANCIENT DREAMS, NEW DIRECTIONS"

by Chris Haynes.

In Western Australia's far north, Aboriginal rangers with ties to the land now in national parks, draw on the traditional wisdom of their people for use in Park management.

(Page 50)

"MARRI FOR MONEY"

by Cliff Winfield.

A century ago marri was only considered useful as a shade tree, while jarrah and karri were financing the development of the colony. Now marri is a major export earner, and is emerging as having the potential for making fine furniture.

(Page 54)


"URBAN ANTICS"

by John Hunter.

The joys of winter beach-combing.

(Page 55)

"PHOTO COMPETITION"1

COVER  Spring orchids drawing; white cover

(Page 4)

"IN PERSPECTIVE"

Letters to the Editor.

(Page 6)

"BUSH TELEGRAPH"

(Page 10)

"ISLAND INTERLUDES"

by Kylie Byfield.

Penguin, Garden, Seal and Carnac Islands.

(Page 18)

"THE DAWESVILLE DILEMMA"

by Andrew Bell.

The algae problem Peel Inlet and Harvey estuaries and the proposal to cut a channel to the sea.

(Page 25)

"RISING FROM THE ASHES"

by Bob Dixon.

The natural regeneration of Perth's famous Kings Park following the January 1989 bush fire.

(Page 33)

"STILL WATERS RUN"

by Tammie Reid.

CALM's Southern Forest Region Manager explores the waterways of the South-West by open Canadian canoe.

(Page 39)

"TREE KILLER"

by Bryan Shearer and Ray Bailey.

The fight against jarrah dieback.

(Page 45)

"A STATELY COLLECTION"

by Carolyn Thomson.

The Western Australian Herbarium's 400,000 specimens have a replacement value of \$15 million and are a valuable record of the State's unique plant life.

(continued)

(Page 51)

"PUTTING DOWN ROOTS"

by Tanyia Maxted.

A tree planter's guide to eucalypts and pines.

(Page 56)

"PHOTO ESSAY"

Wildflower Wonderland.


The Greenough/Gascoyne region abounds in bright and colourful contrasts.

(Page 58)

"URBAN ANTICS"

by John Hunter.

Drosera, or sundew, capture insects that are attracted to the dewy nectar produced by glands on their leaves.

COVER  [Cover: Sealion and rock formation; white cover]

(Page 4)

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Letters to the Editor.

(Page 6)

"BUSH TELEGRAPH"

Dugongs; Rare Purdie's donkey orchid; Aurora Australis - the Southern Lights; Whale watching; Catching crocodiles; WA Native Bird Hospital.

(Page 10)

"SHORE SURVIVORS"

by Nick Gales, Doug Coughran and Carolyn Thomson.
Marine mammal beach strandings.

(Page 15)

"ANCIENT LAND"

by Grant Wardell-Johnson and Vanessa Smith.
Walpole-Nornalup National Park, the southernmost national park in Western Australia.

(Page 22)

"DESERT BIGFOOT"

by Andrew Burbidge.
Camels in Western Australia.

(Page 27)

"ENDANGERED!"

by Neville Marchant.
The Walpole wax, related to the Geraldton wax, is a shrub growing to one or two metres in height.

(Page 28)

"LIVING LIMESTONE"

by John Watson, Barbara York-Main and Bill Humphreys.
Caves of Western Australia.

(Page 35)

"UNRAVELLING THE MYSTERIES OF VERTICORDIA"

by Elizabeth George.
Commonly called feather flowers, enthusiasts have been intrigued and fascinated by the beauty of Verticordia.

(continued)

(Page 39)

"SHOOTING FROM THE STARS"

by Ray Bailey.

The very latest in technology is being used by forest scientists to measure the amount of timber in Western Australia's jarrah forests.

(Page 42)

"PHOTO ESSAY - RAINBOW DESERT"

The harsh desert areas of Western Australia become vibrant and colourful following the coming of the rains.

(Page 46)

"BLAZING COMPUTERS"

by Judi Beck.

Tracking and controlling wildfires with computers.

(Page 48)

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by Geoffrey Shaw.


Geologist Geoffrey Shaw describes the process that formed Western Australia's rocks and land surface over billions of years.

(Page 54)

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Skinks and lizards we find in our backyards - especially during the hot summer months.

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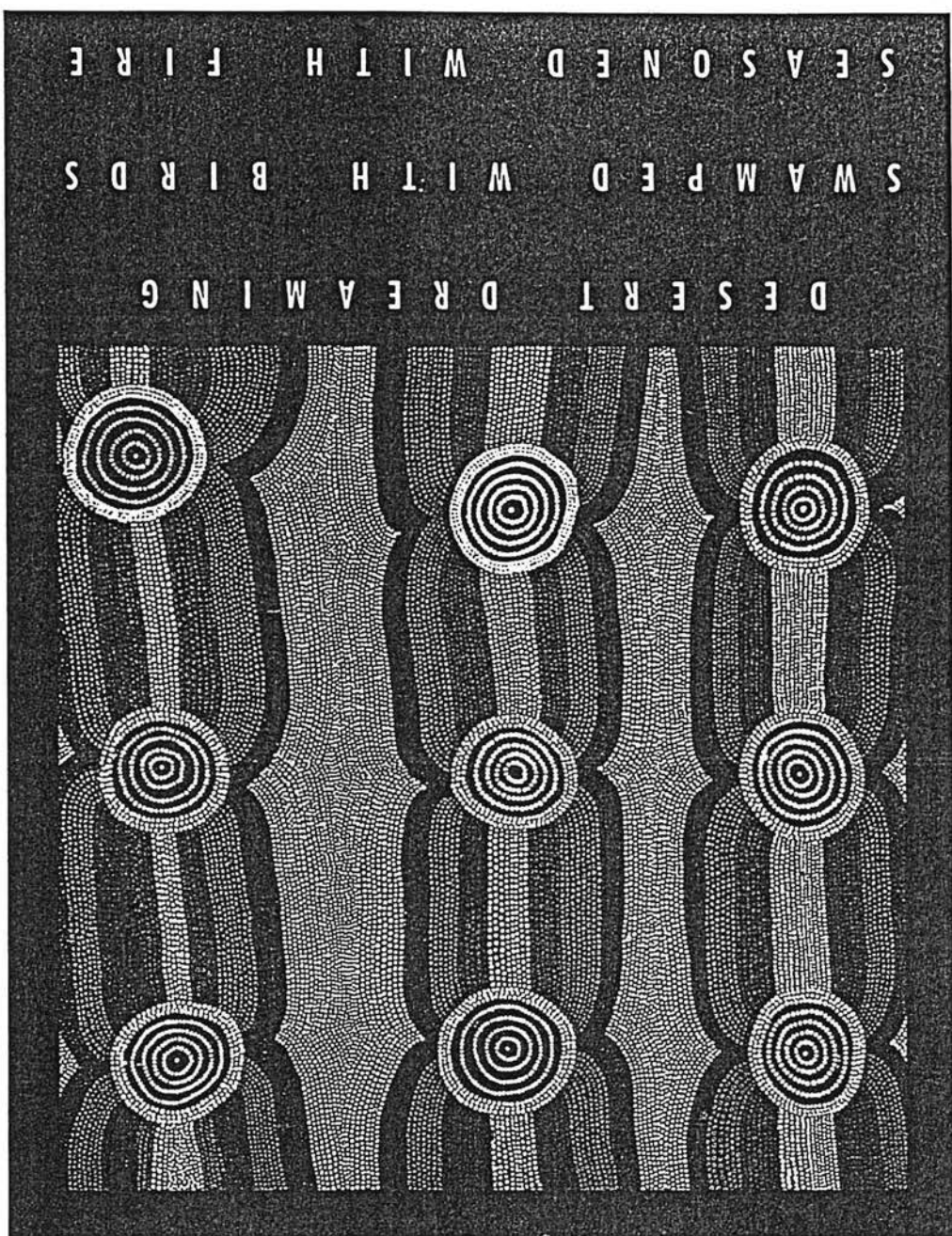
by John Hunter.

Skinks and lizards we find in our backyards - especially during the hot summer months.

Aboriginal painting; white cover

- 4 **IN PERSPECTIVE**
Letters to the Editor.
- 5 **BUSH TELEGRAPH**
Tropical reefs display; Discovering a new species.
Book Review: *Off the Road Again*.
- 10 **DESERT DREAMING**
by Neil Burrows and Carolyn Thomson.
The reintroduction of rare and endangered animals to the Gibson Desert.
- 17 **SWAMPED WITH BIRDS**
by Jim Lane.
The waterbirds that flock to the Vasse-Wonnerup wetlands.
- 23 **WHERE THE SHORE MEETS THE SEA**
by Barry Wilson.
The different ecosystems that combine when the shore meets the sea.
- 27 **ENDANGERED**
Ocean Fern (The Shore Spleenwort).
- 28 **SEASONED WITH FIRE**
by Neil Burrows.
The controversial practice of prescribed burning to reduce fuels in forests and prevent large, intense wildfires.
- 35 **TRAPPINGS OF SUCCESS**
by Jack Kinnear.
Rock wallabies, and the revealing fact that foxes are a major threat to marsupials.
- 41 **BACK FROM THE BRINK**
by Alan Danks.
The Noisy Scrub-bird, one of Western Australia's rarest birds.
- 44 **ISLAND OF BUSH, SEA OF WHEAT**
by Gordon Friend.
Tutanning Nature Reserve is a 2,149 hectare haven for several of Western Australia's rarest mammals and boasts some of the richest flora in the world.
- 49 **UNDER FIRE**
by Tanyia Maxted.
The recovery of the Fitzgerald River National Park that was burnt by wildfires begun by lightening, in December 1989.
- 51 **A QUESTION OF BREEDING**
by John Bartle, Trevor Butcher and Richard Mazanec.
How to get the best out of planning and implementing a tree planting program.
- 54 **URBAN ANTICS**
by John Hunter.
The local swamp.

SEASONED WITH FIRE
SWAMPED WITH BIRDS
DESERT DREAMING



W.A.'S CONSERVATION, FORESTS AND WILDLIFE MAGAZINE

LANDSCOPE

AUTUMN 1990

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COVER  [Cover: Aboriginal painting; white cover]

(Page 4)

"IN PERSPECTIVE"

Letters to the Editor.

(Page 6)

"BUSH TELEGRAPH"

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(Page 10)

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(Page 27)

"ENDANGERED!"

by Peter Lambert.

Ocean fern. The recent discovery of the shore spleenwort. A fern discovered on the south coast of Western Australia.

(Page 28)

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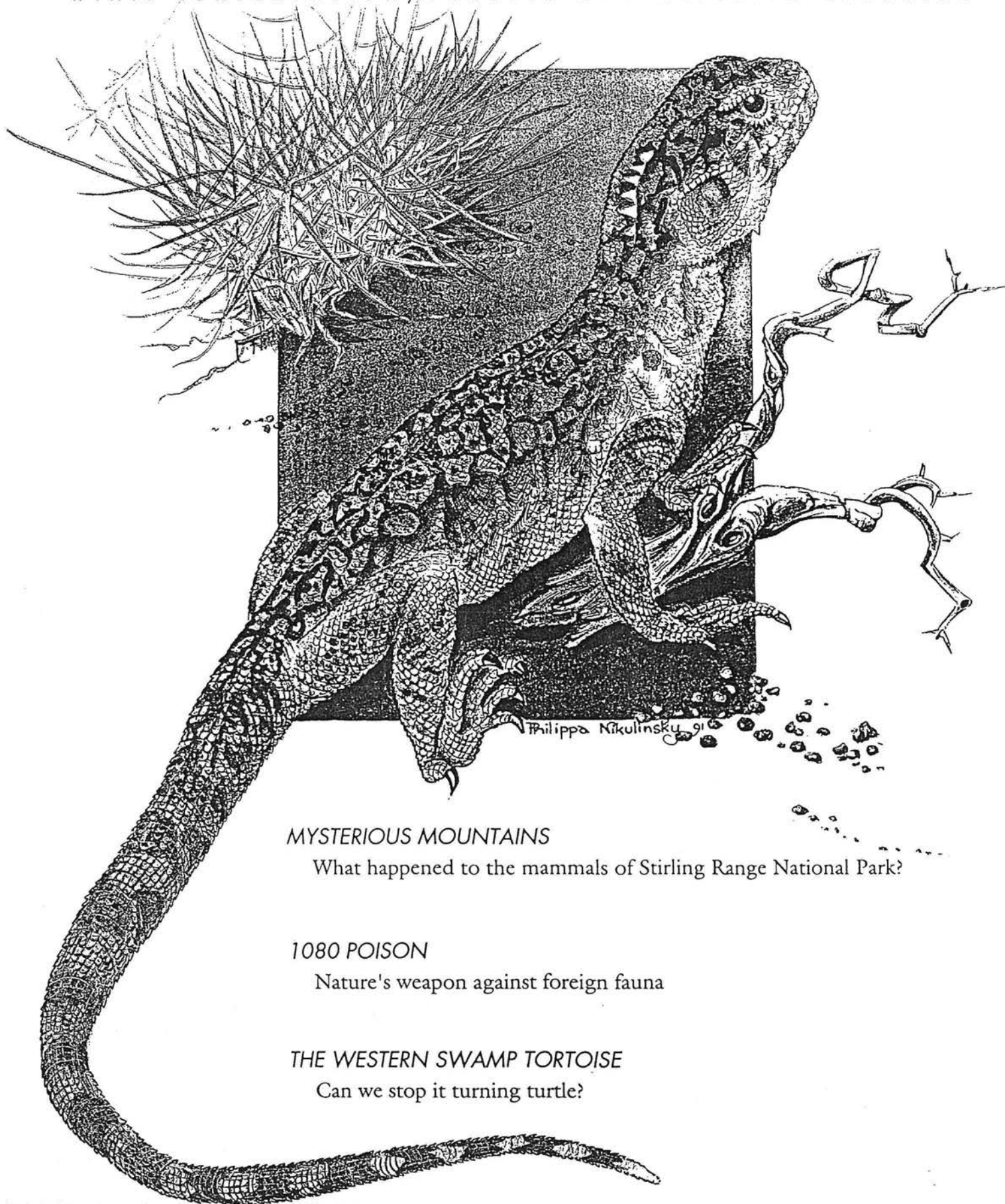
Exploring the local swamp.

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MYSTERIOUS MOUNTAINS

What happened to the mammals of Stirling Range National Park?

1080 POISON

Nature's weapon against foreign fauna

THE WESTERN SWAMP TORTOISE

Can we stop it turning turtle?

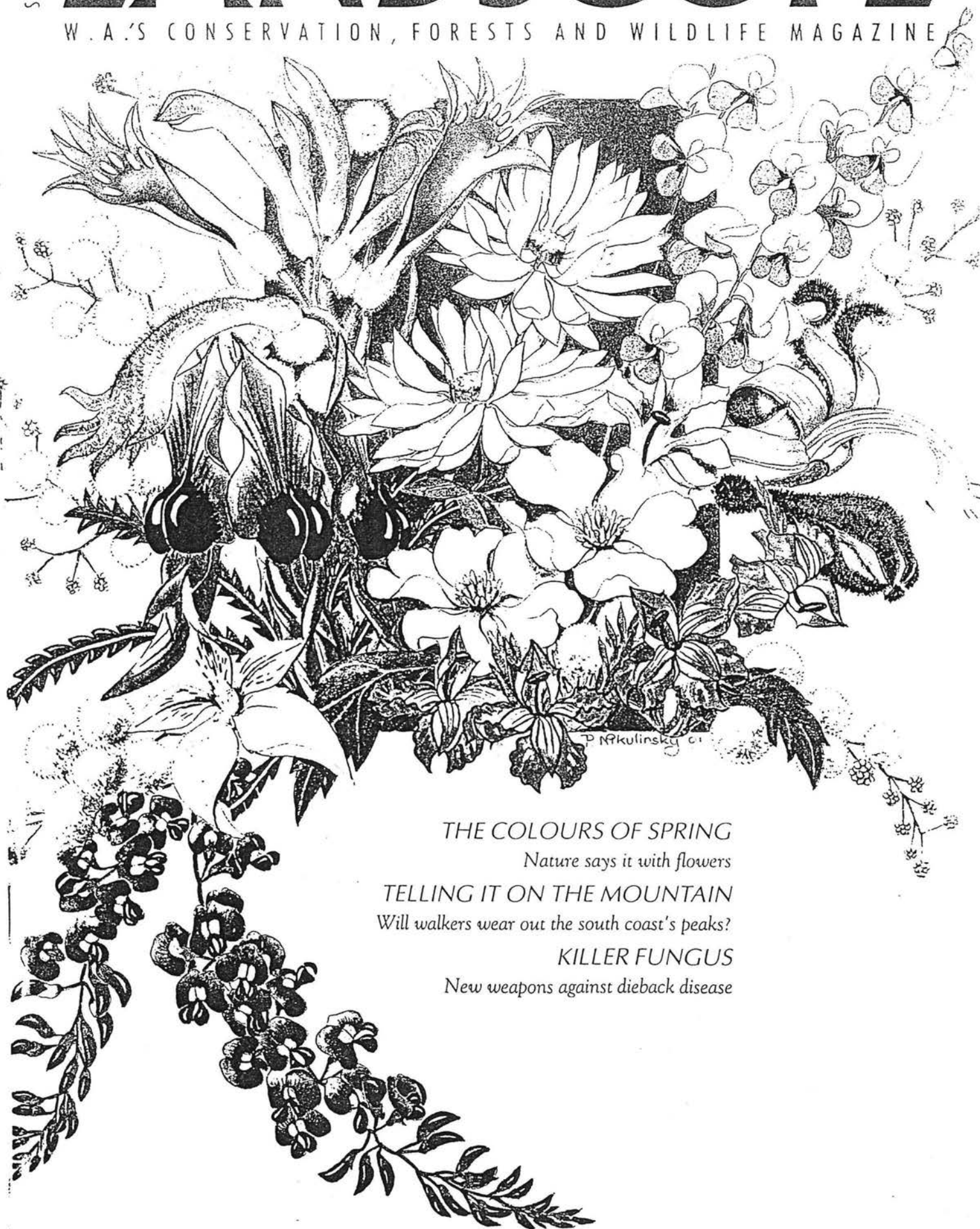
Central netted dragon; white cover

- 4 **IN PERSPECTIVE**
Letters to the Editor.
- 5 **BUSH TELEGRAPH**
Our Kimberley carnivores; Beyond our backyards; Kings Park recovering;
Dieback threat to fauna; Fur seals' ordeal; Wood festival at Curtin;
A wildflower weekend; Of pixie mops and bearded heaths.
- 9 **MOUNTAINS OF MYSTERY**
by Gordon Friend and Graham Hall.
Mammals of the Stirling Range.
- 14 **1080: THE TOXIC PARADOX**
by Jack Kinnear and Dennis King.
How knowledge of 1080 may provide a means of controlling introduced species.
- 20 **MULGA AND FIRE**
by Tony Start and others.
The Pilbara - land of contrast.
- 24 **WHEN JARRAH WAS KING**
by Otto Prause.
Timber settlements of yesteryear.
- 28 **WHAT THE TORTOISE TAUGHT US**
by Andrew Burbidge.
The problems of long-term solutions for the successful conservation of the world's rarest tortoise.
- 35 **COMPETING FOR PARADISE**
by Kevin Kenneally and Norm McKenzie.
Proposals to safeguard the native ecosystem of the Kimberley.
- 39 **WICKED DECEPTIONS**
by Suzanne Curry.
The clever mimicry of plants and animals.
- 43 **ENDANGERED**
by Allan Burbidge.
Dieback-prone plants of the eastern Stirling Range.
- 44 **POISON PEAS: DEADLY PROTECTORS**
by Steve Hopper.
The story of some of Western Australia's killer flora.
- 51 **DRAGONS OF THE DESERT**
by David Pearson.
Australian lizards and their diverse habitats.
- 54 **URBAN ANTICS**
by John Hunter.
Frogs.

SPRING 1991

LANDSCOPE

W.A.'S CONSERVATION, FORESTS AND WILDLIFE MAGAZINE



THE COLOURS OF SPRING

Nature says it with flowers

TELLING IT ON THE MOUNTAIN

Will walkers wear out the south coast's peaks?

KILLER FUNGUS

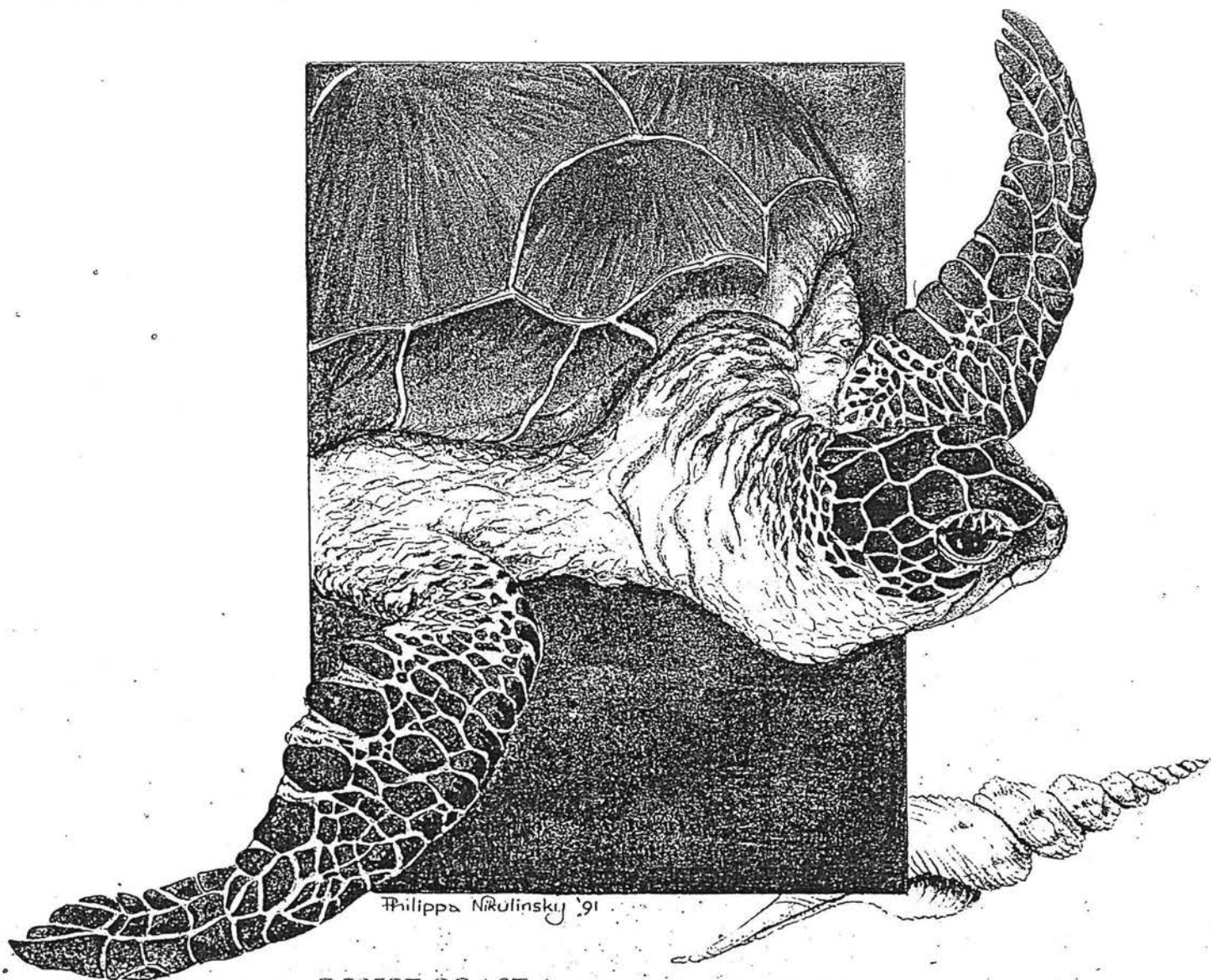
New weapons against dieback disease

- 4 **IN PERSPECTIVE**
Letters to the Editor.
- 5 **BUSH TELEGRAPH**
Desert dreaming; Rare eucalypt rediscovered; South coast seals make excellent progress;
Frogs, frogs, frogs; Learning about loggerheads; New visitor centre at Millstream;
Exotic palms invade; Nutty woylie.
- 9 **PHOTO COMPETITION**
LANDSCOPE photographic competition.
- 10 **WILDFLOWER COUNTRY**
by Carolyn Thomson, Steve Hopper, Greg Keighery and Penny Hussey
The new book *Wildflower Country* explores the flora-rich area from Jurien to Shark Bay
and inland to Meekatharra.
- 15 **ENDANGERED**
by Tony Friend.
Quenda - the southern brown bandicoot.
- 16 **UP HILL, DOWN DALES**
by Allan Padgett and Stephan Fritz.
Exploring gorges of Hamersley Range in Karijini National Park.
- 22 **COLLECTIONS OF A CENTURY**
by Paddy Berry.
A look at the fauna collection of the Western Australian Museum.
- 26 **THROUGH CALM EYES**
Some of the photographs submitted as part of a staff photographic competition.
- 28 **WILDFLOWER KILLERS**
by Bryan Shearer, Ray Wills and Mike Stukely
Phytophthora's devastating effect on Western Australia's unique wildflowers.
- 35 **OF MISTS AND MOUNTAINS**
by John Watson.
Mountain mists of the south coast.
- 39 **SPACE INVADERS OF A WEEDY KIND!**
by Penny Hussey.
How roads, railways, rights-of-way and other transport corridors can be
ideal for the spread of plant invaders.
- 45 **PARADISE ON THE EDGE**
by Tony Friend.
Karroun Hill nature reserve lies between the Goldfields and the edge of the central wheatbelt.
It is the largest and probably the least widely known of our reserves.
- 49 **DRAWING THE LINE**
by Robert Powell.
Mapping plants along a transect.
- 52 **KIDS AND TREES**
Arbor Day poster competition.
- 54 **URBAN ANTICS**
by John Hunter.
Crowds of cockies

SUMMER 91/92

LANDSCOPE

W.A.'S CONSERVATION, FORESTS AND WILDLIFE MAGAZINE



DESERT COAST

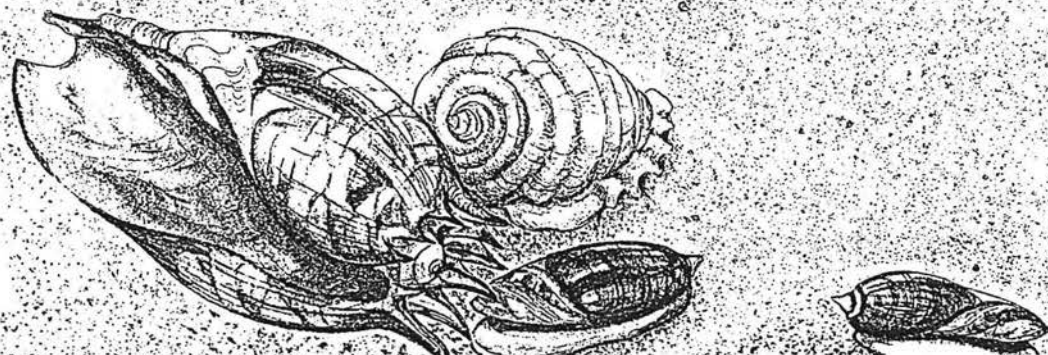
Introducing Shark Bay

LILLIPUT'S CASTLES

Home to Earth's microscopic master builders

PERON THE EXPLORER

Lost on Bernier Island



Green turtle; brown speckled white cover

- 4 **IN PERSPECTIVE**
Letters to the Editor.
- 5 **BUSH TELEGRAPH**
Wooden gold; Bush and ocean theme for paintings; New nature reserve near Gingin;
In hot water; Dolphin danger; Artist in residence; Talking turtle
- 10 **DESERT COAST**
by Carolyn Thomson.
Follow a natural history course run by the University of Western Australia and discover
the uniqueness of Shark Bay.
- 17 **THE HIDDEN TREASURES OF SHARK BAY**
by Greg Keighery and Malcolm Trudgeon.
Shark Bay's flora is varied and beautiful - but you have to look for it!
- 23 **PERON THE EXPLORER**
by Barry Wilson.
Finding out about scientist Francois Peron, whose name lives on in one of Shark Bay's peninsulas.
- 24 **THE SEA PIGS OF SHARK BAY**
by Paul Anderson.
One of the largest - and most secure - populations of dugongs in the world forages
in the shallow marine environment of Shark Bay, making it the ideal place to unravel some
of the myths about these shy and mysterious 'sea pigs'.
- 28 **ISLANDS OF CONTRAST**
by Keith Morris, Jeni Alford and Ron Shepherd.
The islands of Shark Bay were belittled by early explorers of New Holland who believed them to
be devoid of life. Yet today they are remnants of how Australia once was: rich in wildlife and vegetation.
- 35 **LILLIPUT'S CASTLES**
by Robert V. Burne
The stromatolites of Hamelin Pool.
- 41 **ENDANGERED**
by Allan Burbidge
Thick-billed Grasswren.
- 42 **GRASSES OF THE SEA**
by Diana Walker.
Seagrasses - the dominant organisms in Shark Bay.
- 47 **BIRDS OF THE BAY - PHOTO ESSAY**
Photos by Michael Morcombe and text by Allan Burbidge.
- 50 **MANAGING FOR DIVERSITY**
by Ron Shepherd.
How land managers cope with the Shark Bay's incredible diversity .
- 54 **URBAN ANTICS**
by John Hunter.
Cockroach capers.

LANDSCOPE

CONSERVATION, FORESTS AND WILDLIFE MAGAZINE



POSSUM IN PERIL

Will the tiny honey possum survive?

SHE'LL BE RIGHT, MATE!

A guide to outback survival

WEBS OF THE FOREST

River and stream zones to be extended

- 4 **IN PERSPECTIVE**
Letters to the Editor.
- 5 **BUSH TELEGRAPH**
Brave new world; Forest review releases; *LANDSCOPE* Expeditions; Kimberley rainforests; Duck stamps are flying; From famine to fame
- 10 **A LAND OF LIZARDS**
by Eric R. Pianca.
The lizards of our deserts.
- 17 **WEBS OF THE FOREST**
by Alan Walker.
The web-like network of rivers, streams and wetlands form a vital life-support system for our native wildlife in Western Australia's jarrah and karri forests.
- 22 **POSSUM IN PERIL**
by Gordon Friend.
The tiny honey possum, whose existence relies on the very same flowering plants that are threatened by the killer dieback fungus .
- 28 **IN THE FOOTSTEPS OF GILES**
by Steve Hopper.
In search of Giles' mallee (*Eucalyptus rameliana*).
- 35 **SHE'LL BE RIGHT, MATE!**
by Bob Cooper and David Gough.
A basic guide to outback survival.
- 40 **PHOTO COMPETITION**
LANDSCOPE photographic competition.
- 43 **KING LEOPOLD'S TREASURES**
by Norm McKenzie, Kevin Kenneally, Chris Done and Tim Griffin
The north-west Kimberley supports the last intact ecosystems in mainland Western Australia. One part, to be added to the State's conservation estate, is a section of the King Leopold Ranges, whose jagged scarps were shaped by tremendous geological forces.
- 48 **ENDANGERED**
by Allan Burbidge
Spectacled hare-wallaby.
- 49 **IN SEARCH OF THE PERFECT PINE**
by David Gough.
Describes how foresters took the hardy European maritime pine and improved it for harsh Western Australian conditions - with a great deal of trial and error along the way.
- 54 **URBAN ANTICS**
by John Hunter.
What a laugh! (Kookaburras).