## Serendip Wildlife Research Station, Lara.

Potoroo Potorous tridactylus



Two hundred years ago, Magpie Geese were well known in Victoria. But as the early colonists moved in - clearing the scrub, draining swamps and grazing cattle - these shy, handsome birds moved out. In the course of time they disappeared completely from the State. Today, Magpie Geese are breeding again in Victoria; three colonies have been established and more are planned. The work that made this possible was carried out at the Serendip Wildlife Research Station, Lara.

Serendip, 40 kilometres from Melbourne down the Geelong Road, covers 250 hectares and is the major field station of the Fisheries and Wildlife Division, Victoria. At the centre is a 30 hectare lake, home for thousands of ducks, swans, coots and other waterbirds; around it are wildlife enclosures and breeding pens, together with fields sown down to crops.

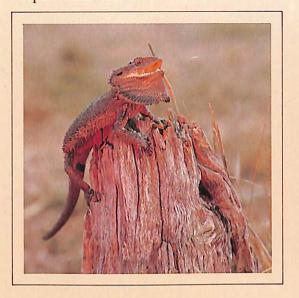


The whole property was once a farm, and farming is still an important activity in order to demonstrate that wildlife and agriculture are not mutually exclusive.

Since its establishment in 1959, Serendip has had success with a number of other species besides the Magpie Goose. In recent years, four or five Bustard chicks have been hatched and hand-raised each season, offering the hope that these fascinating birds can one day be re-established in Victoria. Potoroos - small, furry mammals sometimes called Rat Kangaroos – were thought to be extinct in Victoria, until field studies and research based at Serendip proved that in fact they are still quite widespread. And Serendip, too, is the place for long-term routine tasks of wildlife research — like duck banding, which has been carried out on this property for the past thirty years.

In 1959, Serendip was a farm, with bare paddocks, a lake and spindly plantations of pines and sugar-gums. Gradually, changes were made to accommodate the needs of wildlife and wildlife research. Division staff constructed banks and islands in the lake, fenced off enclosures and sunk bores.

**Bearded** dragon Amphibolurus barbatus



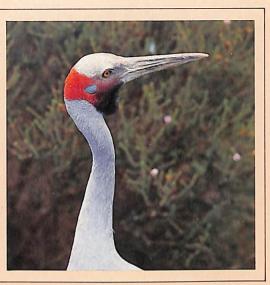
Volunteers also helped with tree planting and setting up nest boxes. Within ten years the property had taken on a completely new character, its thick vegetation cover providing shelter for many species of wild and captive animals.

The devastating bushfires at Lara in 1969 set back all this good work. Most of the buildings were saved — but tree planting had to start again.

Not all of the wildlife species at Serendip are the subject of current research. Some, such as the Cape Barren Goose, were studied in the past but have now become part of a management programme designed to maintain a feral flock in the region. Others, such as the Brolga, are part of a long-term husbandry programme, slowly building up a captive flock for later studies and re-colonisation programmes. And some, like the Ibis and Spoonbills, are attracted by the wetland habitats which were originally provided for ducks and other waterfowl.

Cunningham, Cummings & Associates: designers F. D. Atkinson, Government Printer, Melbourne,

## Brolga Grus rubicundus



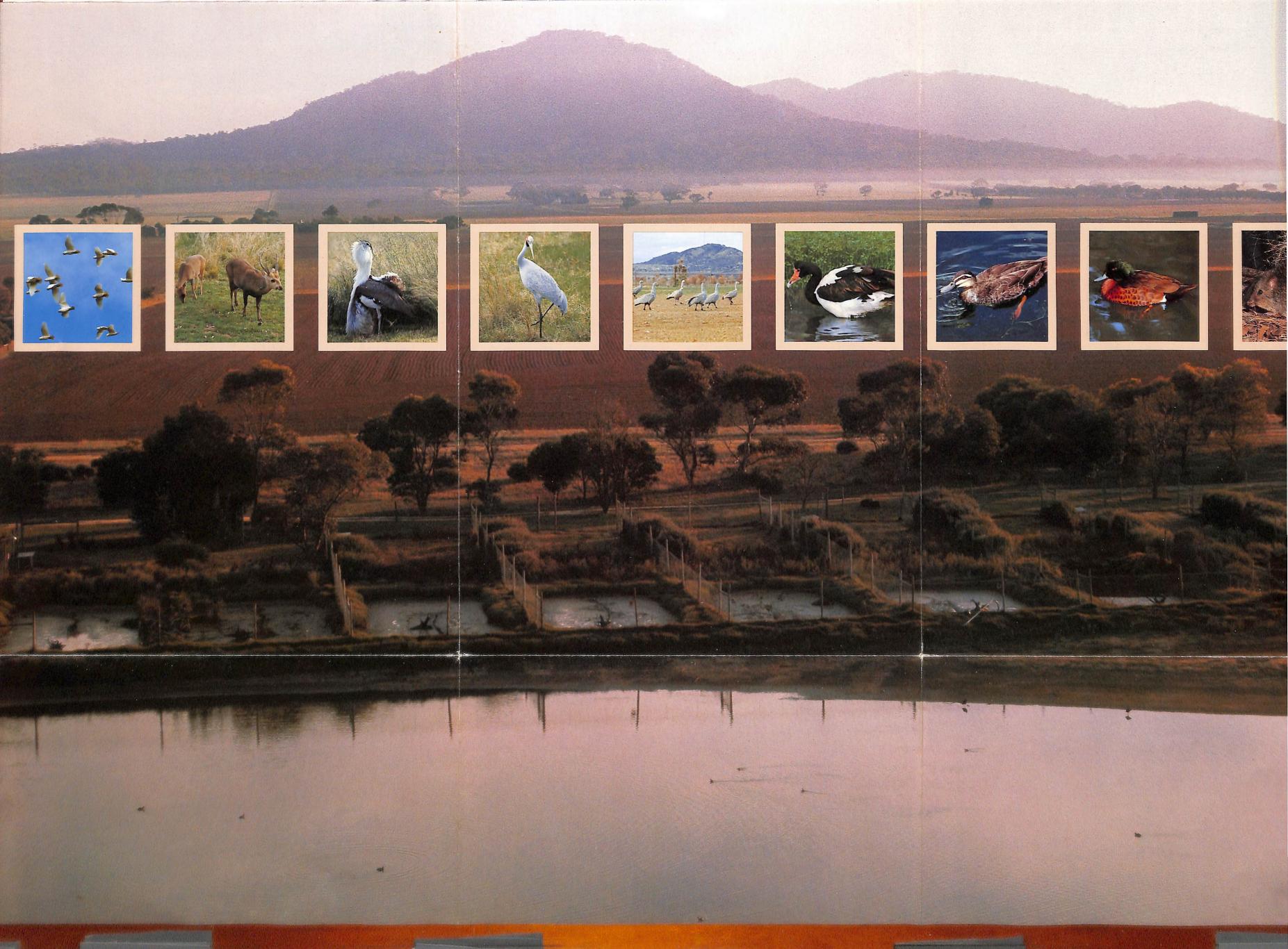
In recent years, it has become possible to open Serendip to school parties and other groups. A public viewing area has been constructed, with a raised walkway giving a clear view of enclosures for Deer, Brolga, Magpie Geese and Bustards. There is a walk-through aviary for parrots and other native species; a brushwood 'hide' allows visitors to view the lake without disturbing the birds; and there are display ponds where visitors can identify local species of waterfowl.



Visits to Serendip can be arranged by telephoning the Guide on: (052) 82 1584 or by writing to: The Serendip Wildlife Research Station Fisheries and Wildlife Division Ministry for Conservation P.O. Box 2 LARA, Vic. 3212.



Wildlife Research Station



## Grus rubicundus Brolga



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LARA. Vic. 3212. P.O. Box 2 Ministry for Conservation Fisheries and Wildlife Division The Serendip Wildlife Research Station

F. D. Atkinson, Government Printer, Melbourne. Cunningham, Cummings & Associates: designers

A place where captive and wild populations of Victoria's wildlife are fostered to further our knowledge of their needs, and their place in our modern environment.

Serendip Wildlife Research Station, Lara.

western Victoria. Tower Hill in Victoria.

**Magpie Goose** Anseranas semipalmata

also present in the coastal regions of south-eastern Australia. It often breeds in trios, both females laying in the one nest, and all three sharing the incubation duties. Small feral colonies occur on wildlife reserves at Kerang, Sale and

Now found only rarely in Victoria, the Brolga mainly occurs in coastal regions of northern, eastern and south-eastern Australia. It builds a circular nest 1.5 metres across, in very shallow wetlands. Brolgas can often be seen dancing and displaying at Serendip.

Brolga

Grus rubicundus

**Cape Barren Goose** Cereopsis novaehollandiae

Semi-tame Cape Barren Geese wander the grounds of Serendip, veterans of a breeding study some years ago. These geese pair for life, and vigorously defend their breeding territory. In summer, flocks concentrate to graze on

pastures in south Gippsland and

**Bustard** Ardeotis australis

Now largely confined to northern Australia, this species was common on the basalt plains of western Victoria and on the northern plains, at the start of European settlement. The male has a spectacular mating display.

At Serendip, breeding studies

**Hog Deer** Axis porcinus

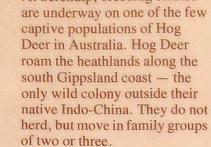
Wildlife Research Station

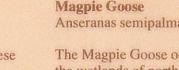
Gerendip

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Anas superciliosa

**Black Duck** 

One of the major wild species to use the lake at Serendip, Black Duck are trapped for weighing and banding before release. The premier game species in Australia, Black Duck are together with Grey Teal - the most common waterfowl seen throughout the continent.

Divisional research staff have carried out extensive moult studies on Chestnut Teal at Serendip, to establish such matters as the relationship of moulting to the breeding cycle. The species occurs in coastal swamps throughout south-east and south-west Australia.

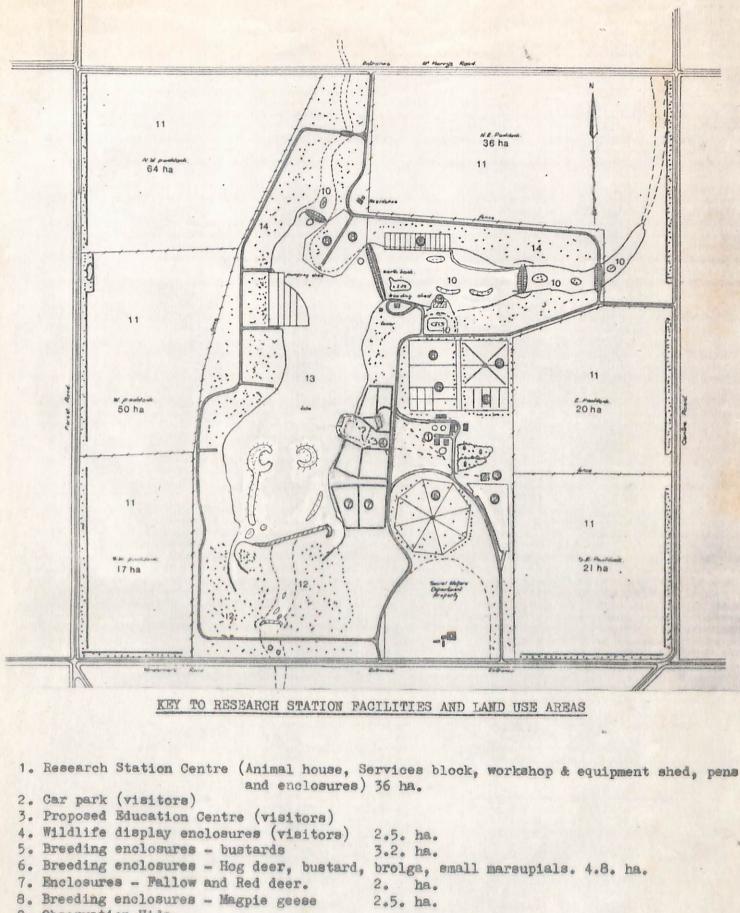
**Chestnut** Teal

Anas castanea

This small member of th kangaroo family prefers and other heathlands, oft a eucalypt overstorey. It along the Victorian coas in the Grampians, as we Tasmania. Serendip is o the few places in Austral where potoroos can be se

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SERENDIP WILDLIFE RESEARCH STATION



- 9. Observation Hide. 10. Demonstration Farm Dams.
- 11. Farmland.
- 12. Farm woodlot and wetland
- 13. Lake and dams
- 14. Wildlife buffer area

erop).

( 2.5. ha food crops, 4 ha lucerne

140 ha.

ha.

ha.

ha.

8.

36.

28.