

Working as a Forester

Foresters work in State forests across New South Wales. Foresters are scientists who manage forests. This means they balance the way people use forests for things like timber and recreation with conserving special forest features like wildlife and heritage sites.

Look at the pictures around the border of this page. Some of the pictures show ways people use forests and some of the pictures show what is conserved (protected) in forests. Sort them into two lists.

Use	Conserve
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Have a go at being a Forester. Draw up a forest management plan for Sunny State Forest. The plan will help Forests NSW decide which parts of Sunny State Forest will be harvested for products like timber and which areas need protection.

Use the picture of Sunny State Forest on the next page and the information below to make a combined picture of protected areas within Sunny State Forest. Some of the protected areas may overlap and be protected for more than one reason. When you have finished marking all the protected areas look at what is left. Some of the trees in these areas may be harvested for timber.

You will need to use the scale and key on the next page.

Streams

Forests act like filters holding back dirt so it doesn't get into streams, keeping the water clean. 25 metres of forest must be left untouched around all streams. Draw a 25 metre protection zone around all stream banks. Remember streams have two banks.

Recreation and heritage sites

Areas set aside for picnicking and camping are called recreation areas.

Heritage sites, like Aboriginal paintings, tell us about our past and cannot be replaced.

Draw a 25 metre protection zone around the perimeter of all recreation and heritage sites.

Habitat trees

Habitat trees are big old trees with hollows that make great homes for wildlife. Like apartment blocks, habitat trees provide places for wildlife to sleep, eat and shelter. At least two habitat trees must be marked with an "X" for protection.

Rainforest

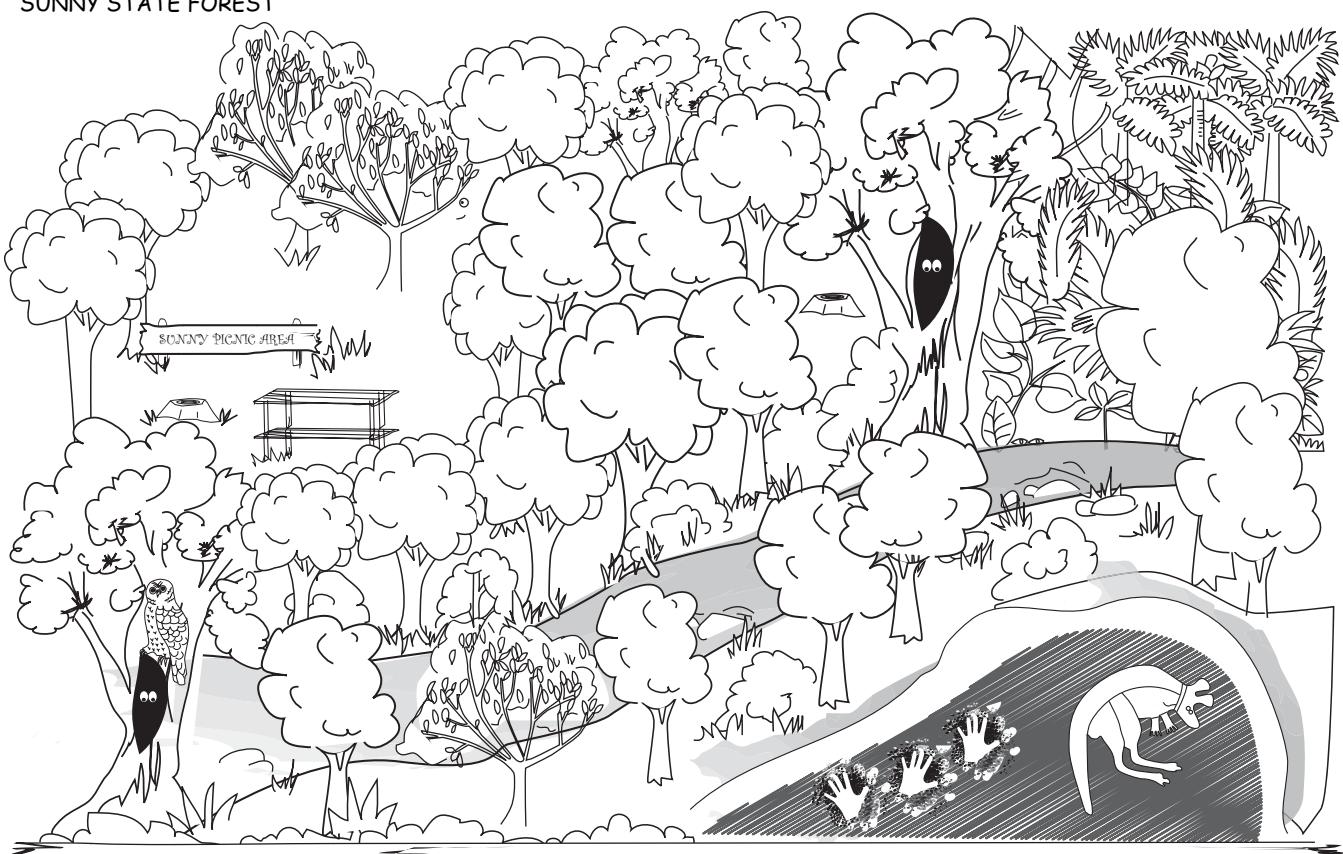
Forests near the coast have patches of rainforest growing in gullies where there is enough water and shelter. These rainforests make up only a small part of forests across NSW and contain large numbers of plants and animals living together. Draw a 50 metre protection zone around the perimeter of all rainforest areas.



Threatened Species

Threatened species are plants and animals facing possible extinction. The powerful owl, Australia's largest owl measuring 60-66cm, is a threatened species and has been spotted in Sunny State Forest. With the owl in the centre, draw a circle around each owl spotted to protect it. Your circle should have a radius of 100 metres, this will give the owl enough forest to hunt and roost.

SUNNY STATE FOREST



SCALE



KEY



How many trees are outside protected areas? Some of these trees may be harvested.