



## Spotted-Tailed Quoll (*Dasyurus maculatus*)

### Instructions

#### Step 1

Read the information about where and how the quoll lives.

#### Step 2

Read the challenge section and use the map on the opposite page to answer the questions. Use a ruler to measure the distances between points on the map.

### Information

You like big patches of bushland with plenty of small birds and mammals as prey. You are quite wary of new things and like to stick to areas with plenty of cover. Dogs hate you and will bark loudly any time they see you. You prefer to run through the canopy, but can cross a road if you have to, only you aren't too good at checking for traffic.

For the purpose of this exercise assume you:

- have a one in ten chance (10%) of being run over by a car when you cross a road (you would be dead after crossing 10 roads);
- have a one in five chance (20%) of being caught by a dog if you cross an open area (you would be dead after crossing five open areas). Built-up and open areas are white on the map; and
- can only travel 2 km per night (you are very busy looking for food).

### Your challenge

1. You live in the eastern section of Abercrombie River National Park (Point A). Your brother and sister also live in the reserve and you need to find a partners from another reserve. The closest quoll who is not a member of your family lives in the western section of Abercrombie River National Park (Point B). How long would it take you to get there?

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2. Would you be able to get to Nuggetty State Conservation Area (Point C)? How long would it take?

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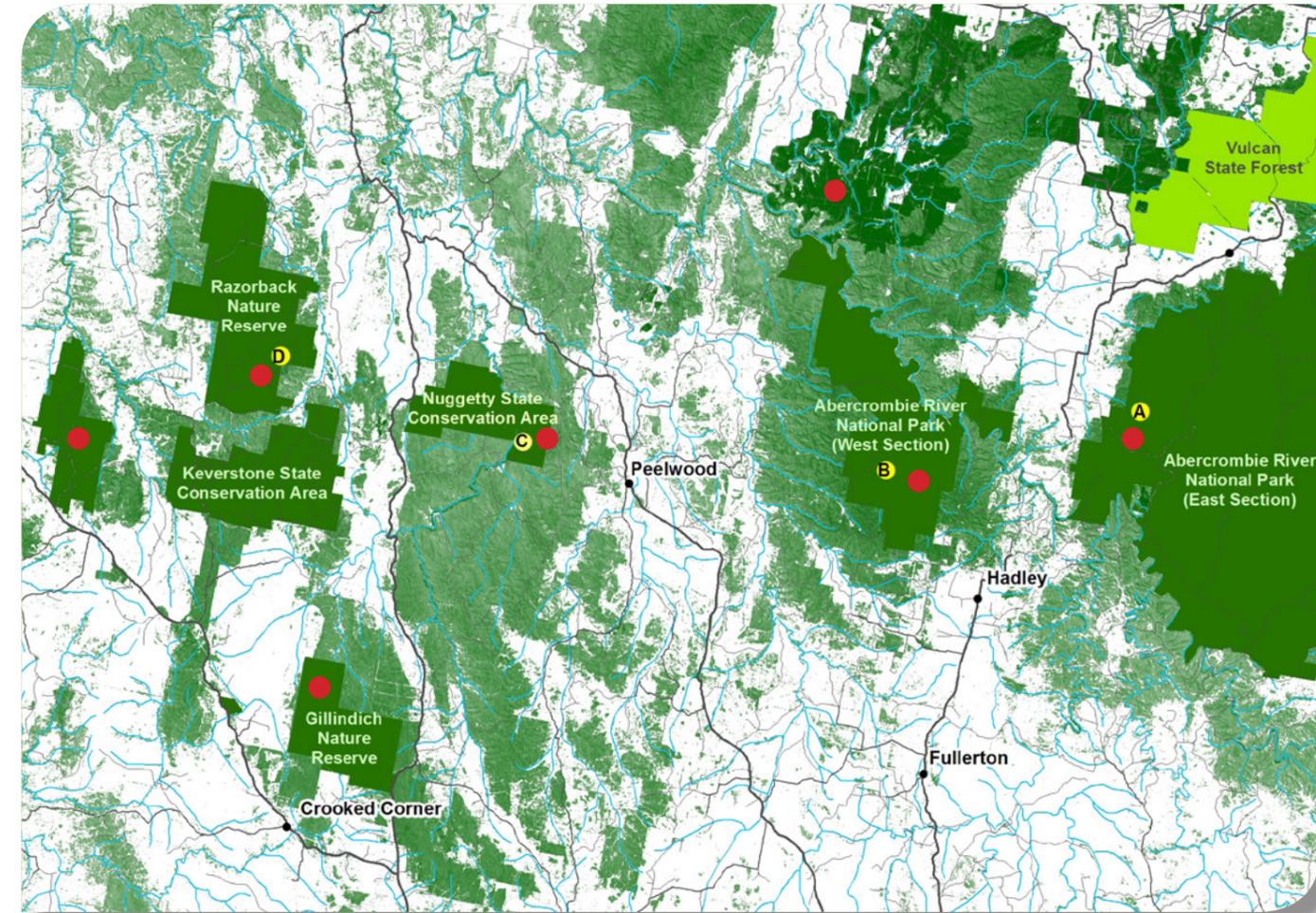
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3. Would you be able to get to Razorback Nature Reserve (Point D)? How long would it take?

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## Spotted-Tailed Quoll (*Dasyurus maculatus*)

### Legend

- Spotted-tailed Quoll
- Main Road
- Minor Road
- Creeks
- Conservation Reserve
- State Forest
- Native forest & Woodland



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