

## **Coping with conditions**

### **Level**

Can be tailored to suit students at upper primary, years 7-10 or 11-12  
Assessment tasks can be provided if required

### **Location**

Conway National Park, Mt Rooper and Brandy Creek walking tracks  
*Full day including lunch break & travel*

### **Excursion Synopsis**

Students measure and compare some environmental factors that affect plant survival in two different habitats: dry sclerophyll forest and tropical rainforest.

A range of plants in each habitat are identified using field guides and keys and the adaptations that they have evolved to cope with the conditions they live in are examined.

Structure and diversity of the two habitats is examined and compared.

### **For Senior Biology Teachers**

This activity can be tailored to meet the criteria set out in the QSA curriculum for the following learning experiences:

#### **Evolution and Diversity**

'Visiting a natural environment to observe species diversity'

#### **Organisms and ecosystems**

'Select a variety of plants/ animals from a particular environment and determine structural, physiological and behavioural adaptations that allow these organisms to survive in their environment'

'Collect and interpret abiotic and biotic data of one or more ecosystems'

#### **Theory into practice**

'Techniques for identifying organisms e.g. keys and field guides'

'Methods to measure environmental data'

This activity can be assessed through a written scientific report.