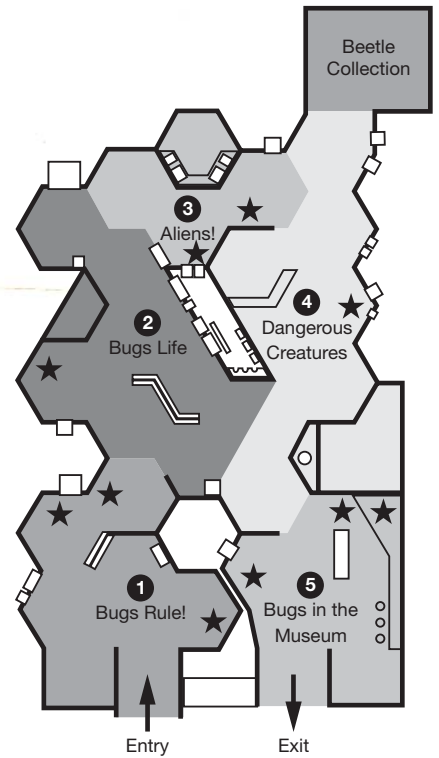
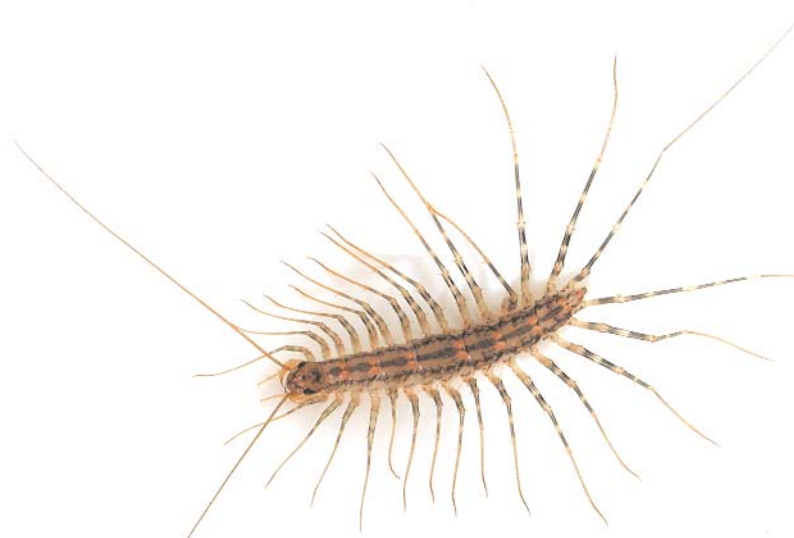


Bugs Alive!



Later Years Trail

1. Bugs Rule!

- ★ Go to the exhibit entitled 'What is a bug?'
Use the table of insect orders to complete the following:

Common Name	Order
Cockroaches	
True Bugs	
Beetles	
Wasps	
	Lepidoptera
	Diptera

- ★ Find the native bees.
Australia's native bees have a different sort of tongue from that of the introduced Honeybee. Why is this important for the pollination of Australian native plants?
- ★ Go to the section entitled 'Reproduction'.
How do snails reproduce?
How do stick insects reproduce?

2. A Bug's Life

- ★ Find the section entitled 'Metamorphosis'.
What does Complete Metamorphosis mean?

What does Incomplete Metamorphosis mean?





3. Aliens!

- ★ Find the exhibit entitled 'Introduced Species'. Complete the table below:

Name of Pest	When Introduced	Where From	Problems Caused
European Wasp			
Fire Ant			
Elm Leaf Beetle			

- ★ Why do horticulturalists want to introduce Bumblebees into mainland Australia? What problems could Bumblebees cause on mainland Australia?

4. Dangerous Creatures?

- ★ Go to the exhibit entitled 'Are you the bottom of the food chain?'. What problems do the following insects cause for humans?

Lice	Bed Bugs
Fleas	Mosquitoes
House Fly	Paralysis Tick
Dust Mites	

5. Bugs in the Museum

- ★ Why is it important to have multiple specimens of the same species in the museum's collection?
- ★ Give yourself a tick when you have found and understood the various methods used by scientists to catch bugs.

- | | |
|---|--|
| <input type="checkbox"/> Net | <input type="checkbox"/> UV light trap |
| <input type="checkbox"/> Malaise trap | <input type="checkbox"/> Tree fogging |
| <input type="checkbox"/> Pitfall trap | <input type="checkbox"/> Flight intercept trap |
| <input type="checkbox"/> Berlese funnel | |



- ★ Go to the section that describes the conservation of rare bugs. What was done to help increase the population numbers of Blakewell's Jewel Beetle in Western Australia? Why is the Sweet Bursaria plant important for the survival of the Eltham Copper Butterfly? Why are cattle a problem for the Giant Gippsland Earth Worm?