

Gr 2 Science Interdependent Relationships in Ecosystems

NGSS 2-LS4-1. Make observations of plants and animals to compare the diversity of life in different habitats.

LS4.D: Biodiversity and Humans

There are many different kinds of living things in any area, and they exist in different places on land and in water.

Phenomena: Desert Habitats_Thorny Devil



I see ~ Maka nānā 👁️👁️ I notice. I observe.

1) _____

2) _____

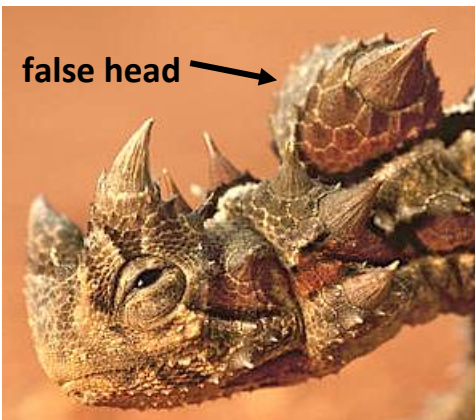
3) _____

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Gathering Information About The Phenomena: Thorny Devil Lizard



This is the **Thorny Devil Lizard**, a native of the deserts of Australia. Its body is covered with **spikes**, even its belly has smaller, bumpy spikes. The spikes protect it from predators, because it makes them look too hard to eat. The spikes are also important for getting water in the dry desert. The



The lizard has a **false head** on its neck. If it's scared by a predator it tucks its head



They can also change color quickly to **camouflage** themselves. They often turn a gray color when it's



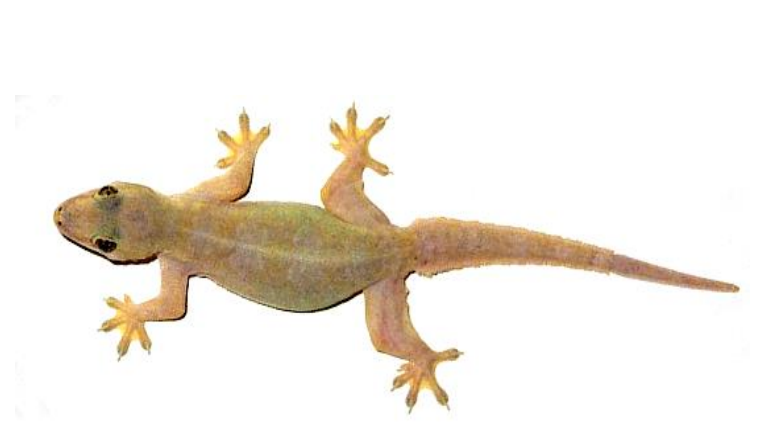
Thorny Devils only eat **ants**, sometimes 3000 ants a day. The lizard has a **sticky tongue** that laps up ants. The lizards like to wait near ant nests and grab ants as they go by.



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Kealapono Division

When the weather is too hot or too cold the lizards stay in **burrows** or holes into the ground that they have dug. The burrows are also where female lizards **lay their eggs**. Thorny Devils hatch from

Let's Compare! How are these 2 lizards **different** from each other?



Thorny Devil Lizard Australia	Gecko Lizard Hawai'i

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Phenomena: Desert Habitats_Fennec



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1)

Next, read this page.

Gathering Information About The Phenomena: **Fennec Fox**



The **Fennec Fox** lives in the **Sahara Desert** in **Africa**. The Sahara is very hot and very dry. The fennec fox has body parts help it to live in the desert.



Huge Ears

- Has huge ears and sharp hearing.
- Hears **prey** moving and hiding far away under the sand.
- The skin of the ears rid the Fennec of extra heat to cool its



Foods Prey Water Fennecs eat plants, bugs, lizards, rodents like mice, birds, and eggs. Fennecs don't need to find and drink water. They get water from the plants and animals they eat.

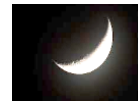


Extra Furry Paws

Fennec Foxes have extra furry feet. The fur protects the paws from the hot sand and also



Nocturnal



Fennec foxes are **nocturnal**. They come out to hunt for food at night because it is cooler. They sleep in the daytime in holes and **burrows** that they dig. The burrows protect them



Burrows

Fennecs also dig burrows to give **birth** to and keep their **kits** or babies safe.



I didn't know before, but now I know...

I learned **fennec foxes**
