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**HAWAIIAN GECKOS**

# Geckos



Geckos are reptiles that may be found on all continents with the exception of Antarctica. These vibrant lizards have adapted to a variety of environments, including rain forests, deserts, and freezing mountain slopes.

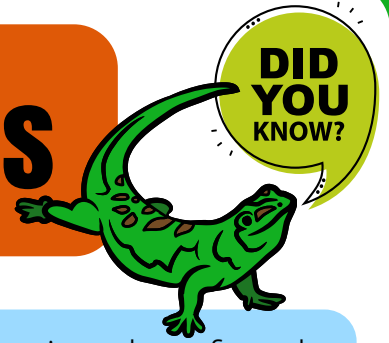
Geckos have evolved distinct morphological characteristics over time to help them live and evade predators. Gecko tails have a variety of uses. They operate as weight balancers as they climb branches, as fuel tanks to store fat, and as camouflage to help them blend into their surroundings. Geckos can also shed their tails if they are caught by a predator.

The majority of geckos are nocturnal, meaning they only come out at night, however, day geckos are active throughout the day and feed on insects, fruits, and flower nectar. When protecting their territory or enticing a partner, most geckos emit noises like chirping, barking, and clicking.

Geckos lay their eggs in the leaves and bark of trees. Most geckos don't have movable eyelids, instead opting for a single transparent eyelid that they clean with their tongues.

Geckos come in a variety of shapes and sizes. The endangered status of a species can range from least concern to critically endangered, depending on the species.

# Gecko Trivia and Facts



Although geckos are not known to be hostile toward humans, some species, such as Tokay Geckos, may try to bite you if they are distressed.

In the wild, geckos are accustomed to a warmer climate. As a result, if you want to have one as a pet, you need to keep the temperature of their tank between 70 and 90 degrees Fahrenheit.

Bathing is a fascinating non-chore for geckos. Hundreds of thousands of hair-like spines cover the skin of geckos. These spines trap air and bounce water off of them.

The newly emerged gecko babies are called hatchlings.

Lizards called geckos are a type of lizard. There are over 1,500 different species.

The eyes of geckos are 350 times more sensitive to light than the eyes of humans.

Pytochozoon is the name of a genus of arboreal geckos found in Southeast Asia. The flappy skin on their feet and tail allows these geckos to glide through the air, which makes them one of a kind.

Gliding geckos, parachute geckos, and flying geckos are all names for these geckos.

The tiny dwarf gecko is the tiniest gecko (and lizard) on the planet.

Except for the six species of the genus Eublepheris, none of the Gecko family members have eyelids to shield their eyes. As a result, when their eyeballs become dusty or unclear, these geckos clean them with their tongue.

When food is scarce, geckos store fat and other nutrients in their tails as a backup. A healthy gecko has a fat tail for this reason.

Most Geckos Can Detach Their Tails and Regrow Them

# Common Hawaiian Geckos



## Stump-Toed Gecko (*Gehyra Mutilata*)

They are an endemic species of house gecko found only in Australia and Southeast Asia.

They can now be found in many different places around the globe. They can be found on the sandy beaches of Hawaii, where they are considered invasive species.



## Fox Gecko (*Hemidactylus Garnottii*)

The Fox Geckos, like the Mourning and Indo-Pacific Tree Geckos, are parthenogenetic geckos that live in Hawaii. The upper parts of these geckos are brownish-grey, with whitish underparts. They have smooth skin all over except for the lateral edges of their tail, which are coated in spiky scales. Brownish and whitish patches are strewn across their backs. In darker places, these marks take on a transparent appearance. They are nocturnal hunters who scavenge insects and small invertebrates.



## Gold Dust Day Gecko (*Phelsuma Laticauda*)

Gold Dust Day Geckos are among the day gecko family's smallest members. Their bodies are bright green or yellowish-green, with a few uncommon bluish individuals. Their neck and back are likewise dotted with red markings, which is a characteristic of day geckos.

# Common Hawaiian Geckos



## **Giant Day Gecko (Phelsuma Grandis)**

The Giant Day Geckos, as their name implies, have an extraordinarily huge body by geckos' norms. Their bodies are normally bright green in color, with an egg-like yellow underside. Some individuals have a bluish-green body, but this is quite uncommon.



## **Indo-Pacific Tree Gecko (Hemiphyllodactylus Typus)**

The Indo-Pacific Tree Geckos have numerous similarities with the Mourning Geckos. These geckos are also capable of parthenogenesis. The main distinction between them is that Indo-Pacific Tree Geckos are slightly smaller than Mourning Geckos, making them Hawaii's tiniest gecko species. Their tails are also always one shade lighter than the rest of their bodies. Furthermore, these geckos are deafeningly silent, a trait that is uncommon among geckos.



## **Common House Gecko (Hemidactylus Frenatus)**

The most widely distributed species of house gecko is the common house gecko. These geckos are tropical geckos since they are adapted to living in humid environments.

# Common Hawaiian Geckos



## **Mourning Gecko (Lepidodactylus lugubris)**

Mourning Geckos have a tan body with a brown stripe between their snout and ears, as well as dark markings on their back. While most geckos are nocturnal, these are metaturnal, meaning they can be active at any time of the day or night. These geckos are capable of parthenogenesis, where the females can reproduce independently of their male counterparts.



## **Tokay Gecko (Gekko gekko)**

The Tokay Geckos are a species of arboreal geckos belonging to the genus of true geckos that is endemic to Asia and certain Pacific Ocean islands. They are Hawaii's largest gecko species, and the world's second-largest gecko species, second only to the New Caledonian Giant Gecko (*Rhacodactylus leachianus*).



## **Orange-Spotted Day Gecko (Phelsuma guimbeaui)**

The orange-spotted Day Geckos are arboreal geckos that are only found in Mauritius. In Hawaii, they are an introduced species. These geckos differ from other arboreal geckos in that they are diurnal, which is uncommon among geckos.

# Which gecko is it?



Name the following Hawaiian Geckos.  
Choose your answer from the box below.



Common House Gecko

Fox Gecko

Orange-Spotted Day Gecko

Stump-Toed Gecko

Mourning Gecko

Gold Dust Day Gecko

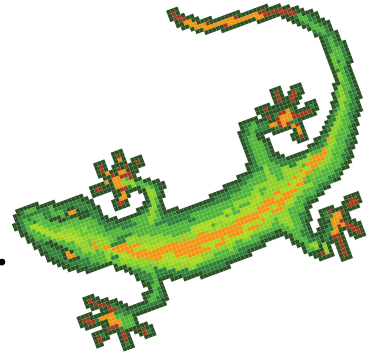
Giant Day Gecko

Indo-Pacific Tree Gecko

Tokay Gecko

# GECKO QUIZ

Choose the letter of the correct answer.



MOST GECKOS  
CAN DETACH  
THEIR TAILS AND  
REGROW THEM.

- A. TRUE
- B. FALSE

THE FOLLOWING  
ARE GECKOS  
FOODS EXCEPT

- \_\_\_\_\_.
- A. NECTAR
  - B. FRUITS
  - C. GUMS
  - D. INSECTS

THE EYES OF GECKOS  
ARE \_\_\_ TIMES MORE  
SENSITIVE TO LIGHT THAN  
THE EYES OF HUMANS.

- A. 50
- B. 150
- C. 250
- D. 350

GECKOS STORE  
FATS AND  
NUTRIENTS ON  
THEIR NAILS.

- A. TRUE
- B. FALSE

WHAT IS A BABY  
GECKO CALLED?

- A. BABY
- B. CALF
- C. HATCHLING
- D. CHICK

THE TINY DWARF  
GECKO IS THE  
BIGGEST GECKO  
ON THE PLANET.

- A. TRUE
- B. FALSE

WHAT PART OF THEIR  
BODY HAS THE FLAPPY  
SKIN THAT ALLOWS  
GECKOS TO GLIDE  
THROUGH THE AIR?

- A. FEET AND TAIL
- B. HAND AND FEET
- C. TAIL AND HAND
- D. HAND AND TONGUE

GECKOS CAN BE  
FOUND IN ALL  
CONTINENTS EXCEPT?

- A. ASIA
- B. ANTARTICA
- C. AUSTRALIA
- D. NORTH AMERICA

GECKOS ARE  
ACCUSTOMED TO A  
WARMER CLIMATE  
IN THE WILD.

- A. TRUE
- B. FALSE

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Help protect the Geckos!

It was not new to us that many animals especially reptiles are already endangered. What can we do to help protect the Hawaiian Geckos from becoming one of these extinct species? Make a poster about reminding people to stop killing these creatures. Explain your poster on the space provided below.



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# HAWAIIAN GECKOS

## WORD SEARCH

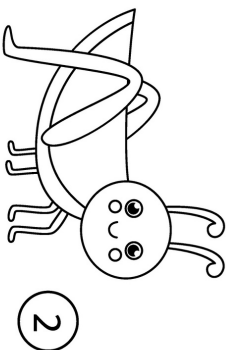
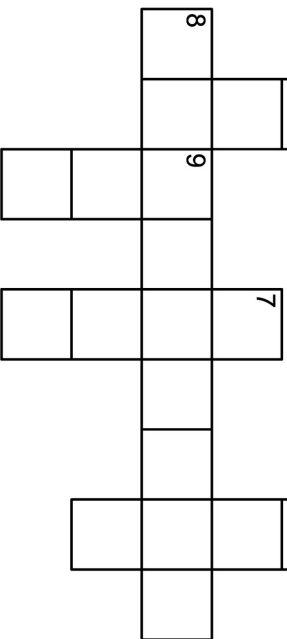
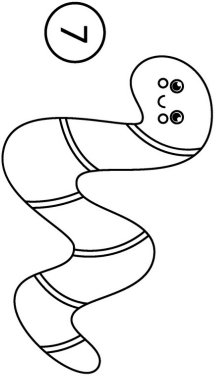
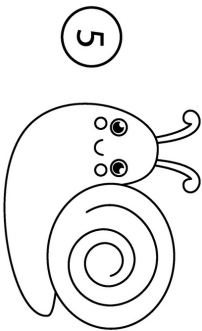
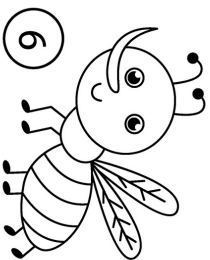
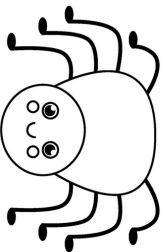
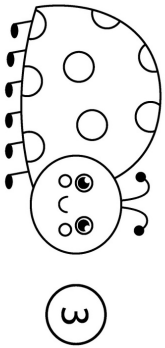
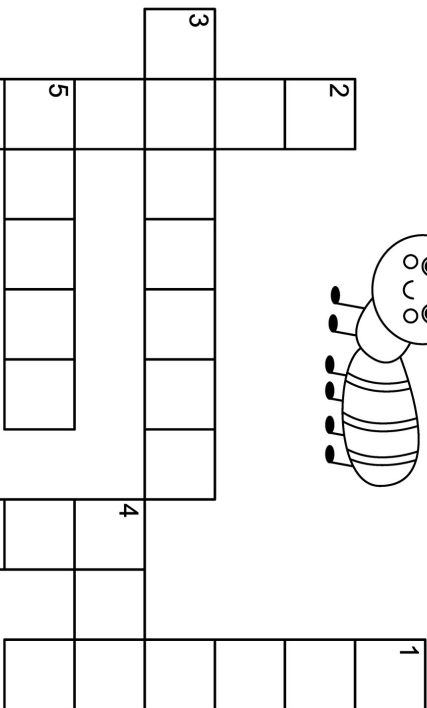
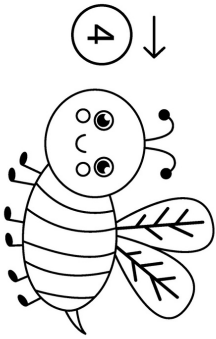
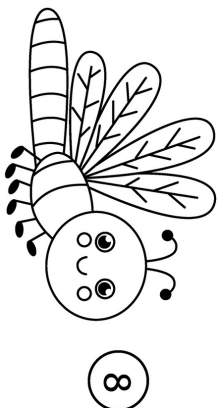
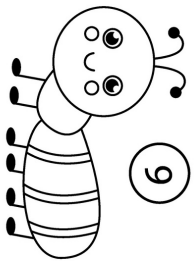
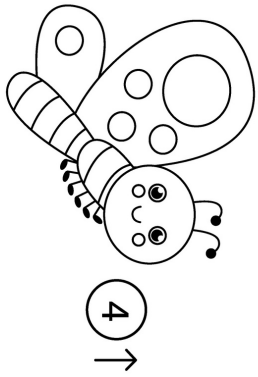
Look for the Hawaiian Geckos vocabulary words listed below.



|         |           |            |          |
|---------|-----------|------------|----------|
| Gecko   | invasive  | snout      | diurnal  |
| exotic  | nocturnal | metaturnal | spots    |
| endemic | chirping  | arboreal   | reptiles |

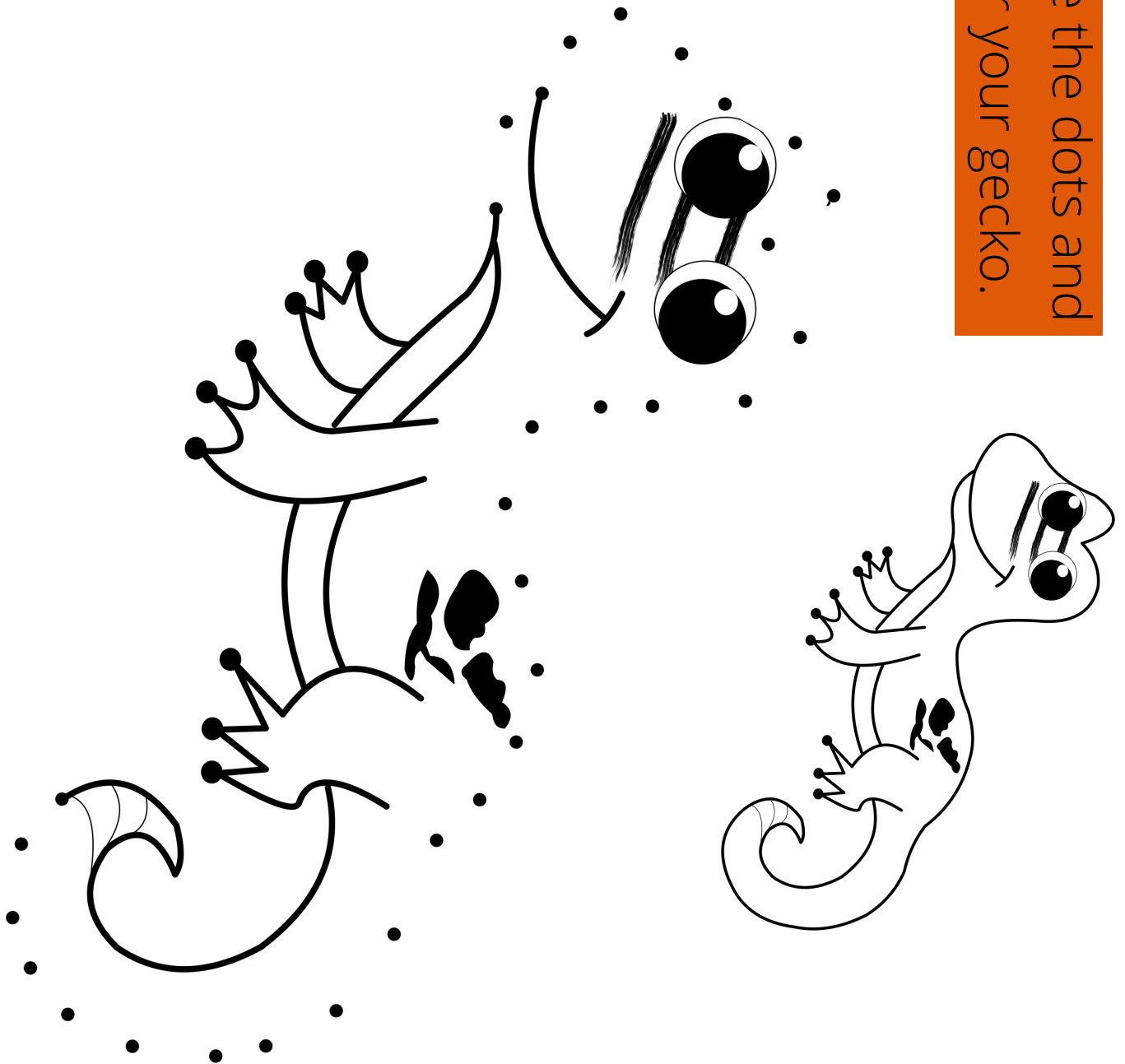
# Insects Crossword

One of gecko's favorite meal composes insects. Answer this insect crossword below.  
Once you finish answering, color them out.



1 - spider, 2 - grasshopper, 3 - ladybug, 4 - bee, 5 - snail, 6 - butterfly, 7 - worm, 8 - dragonfly, 9 - ant,

Trace the dots and  
color your gecko.



# GECKO QUIZ

## ANSWER KEY



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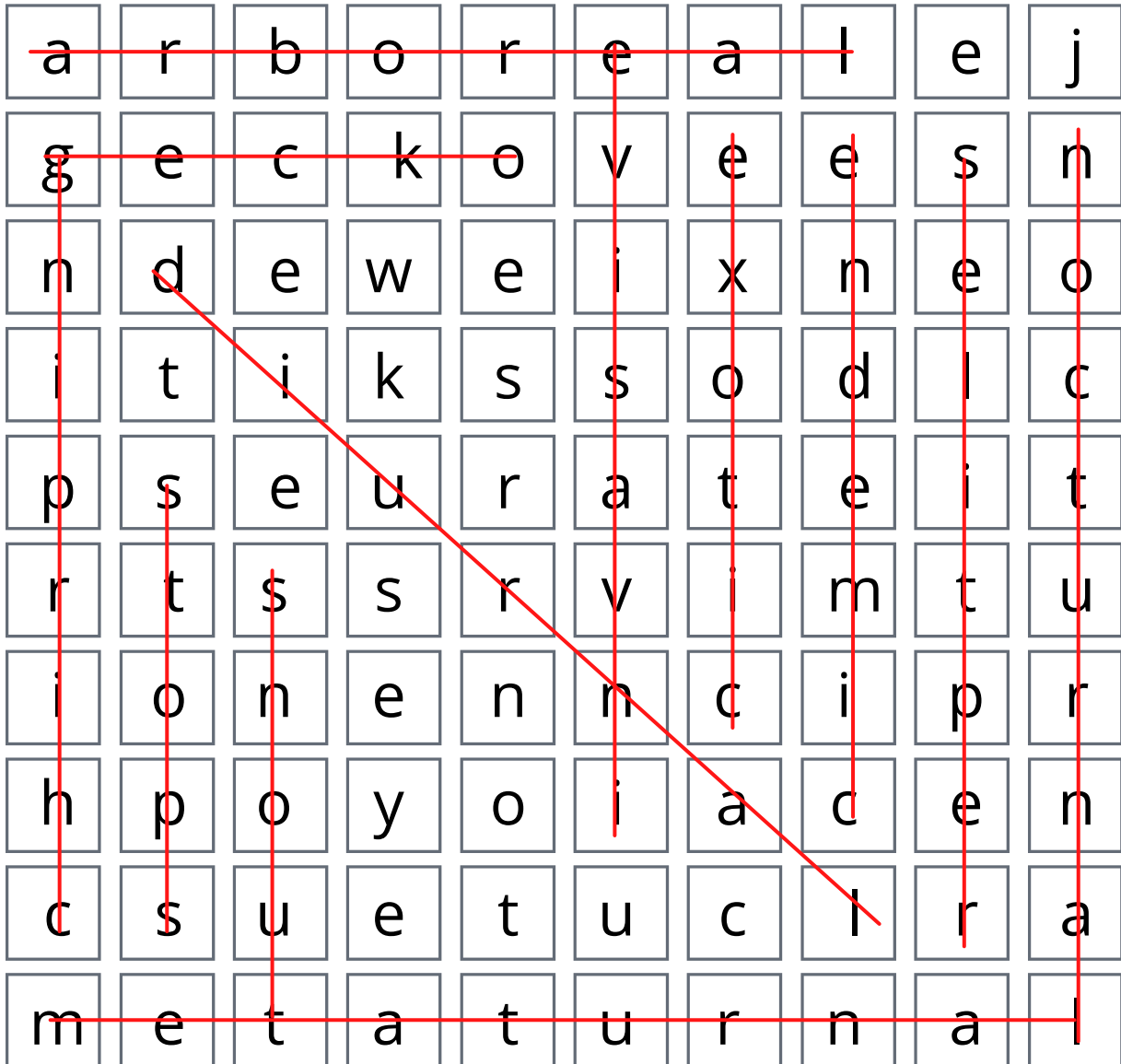
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# HAWAIIAN GECKOS

## WORD SEARCH

### ANSWER KEY



~~Gecko~~      ~~invasive~~      ~~snout~~      ~~diurnal~~  
~~exotic~~      ~~nocturnal~~      ~~metaturnal~~      ~~spots~~  
~~endemic~~      ~~chirping~~      ~~arboreal~~      ~~reptiles~~