

Pioneers of the Animal Kingdom

Zoology And Natural History · Answer Key · 12 Questions

1. Which animal was the first to be sent into orbit around the Earth by humans in 1957?

- A) Laika the dog**
- B) Ham the chimpanzee
- C) Albert the monkey
- D) Felix the cat

2. Who is credited with discovering the unique egg-laying behavior of the platypus in 1799, which initially baffled European scientists?

- A) Charles Darwin
- B) George Shaw**
- C) Alexander von Humboldt
- D) Alfred Russel Wallace

3. In 1960, which primatologist made the groundbreaking discovery that chimpanzees manufacture and use tools to fish for termites?

- A) Dian Fossey
- B) Birute Galdikas
- C) Jane Goodall**
- D) Louis Leakey

4. What is the name of the first animal to be cloned from an adult somatic cell, marking a milestone in genetic science in 1996?

- A) Molly
- B) Dolly**
- C) Polly
- D) Holly

5. Which deep-sea submersible was used in 1934 to reach a record-breaking depth of 3,028 feet, providing the first direct observation of deep-sea fauna?

- A) Bathysphere**
- B) Trieste
- C) Alvin
- D) Deepsea Challenger

6. The study of which animal's migration patterns in the 1970s led to the discovery of the monarch butterfly's overwintering sites in Mexico?

- A) Painted Lady
- B) Monarch butterfly**
- C) Cloudless sulphur
- D) Mourning cloak

7. In 1938, a living coelacanth was discovered off the coast of South Africa, proving that this group of fish, previously thought to be extinct since which era, still survived?

- A) Cretaceous**
- B) Jurassic
- C) Triassic
- D) Permian

8. Which species of bird, discovered to be extinct in the wild in the early 20th century, was the first to be successfully reintroduced to its native habitat after being bred in captivity?

- A) California condor**
- B) Arabian oryx
- C) European bison
- D) Przewalski's horse

9. In 1977, hydrothermal vents were discovered at the Galapagos Rift, revealing entirely new ecosystems supported by which biological process rather than photosynthesis?

- A) Chemosynthesis**
- B) Fermentation
- C) Respiration
- D) Radiosynthesis

10. What was the first animal to have its entire genome sequenced in 1998, revolutionizing the field of evolutionary biology?

- A) *Drosophila melanogaster*
- B) *Caenorhabditis elegans***
- C) *Mus musculus*
- D) *Danio rerio*

11. The discovery of the 'living fossil' Wollemi Pine in 1994, which provides a habitat for unique insect species, took place in which country?

- A) New Zealand
- B) Brazil
- C) Australia**
- D) Madagascar

12. Which expedition in 1872-1876 is widely considered the beginning of modern oceanography, discovering over 4,700 new species in the deep ocean?

- A) The Beagle expedition
- B) The Challenger expedition**
- C) The Endeavour expedition
- D) The Discovery expedition