

Vertebrates and Invertebrates

vertebrates - an animal that has a backbone: fish, amphibians, reptiles, birds, and mammals.

invertebrates - an animal that doesn't have a backbone: mollusks, sponges, and arthropods.

Invertebrates - 95% of animals

Examples:

- | | |
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| ① sponges | - live in water. They eat food that is carried into their bodies by water |
| ② mollusks | - internal shells - octopus, squid
external shells - snails, clams, oysters |
| ③ arthropods | - (A) hard outer skeleton
(B) jointed legs
(C) bodies have sections
- spiders, scorpions, lobsters, grasshoppers, horseshoe crabs |

Vertebrates - 5% of animals

① fish + live in water

② reptiles + live on land

③ amphibians + live in water and on land - frogs, toads, newts, salamanders

④ birds + wings + feathers

⑤ mammals + hair or fur, warm-blooded, drink milk

+ can live on land or water

elephants

dogs

hyenas

foxes

monkeys

humans

whales

dolphins