

Invertebrates are animals that **haven't got a spinal column**. There are different **groups**:

Cnidarians are **aquatic** and live on rocks. They have **sac-like bodies** and cannot move about.

Sponges have got jelly-like bodies that sometimes look like an umbrella with **poisonous tentacles**.

Worms have got **long soft bodies** and no legs. They can live on land (**earthworms**), in water (**fireworms**) or inside bodies

Echinoderms have got **soft bodies** and most of them have got one or two shells to protect their bodies. They can be aquatic or terrestrial. (Mussels, oysters, snails, octopuses...)

Arthropods are **marine animals** with a skeleton made of **hard plates**, often with **spines**. 2 Groups:

- **Starfish** have got **five limbs (rays)** with hundreds of tiny feet to move.
- **Sea urchins** are round and have got **spines** to move and protect their bodies.

Arthropods are the most numerous group of animals. They have got an **articulated exoskeleton**, like armour, and a **segmented body with legs**.

Four groups:

- **Insects** have **six legs** and most have **two antennae**. They have got **two or four wings**. Their **bodies** are divided into **three parts**.
- **Crustaceans** have got **eight legs** and **haven't got antennae** (spiders, scorpions...)
- **Myriapods** have got **ten legs**, **antennae** and a **hard exoskeleton** (crabs, shrimps, prawns, woodlice...)
- **Arachnids** have got **long bodies with many identical segments** that have got one or two pairs of legs. They have got **two antennae** (centipedes, millipedes...)

Cnidarians

Sponges

Worms

Echinoderms

Arthropods

Molluscs

Myriapods

Crustaceans

Insects

Arachnids