

Animals With Backbones

Phylum: Sub - phylum:

CHORDATA – animals with a spinal cord. VERTEBRATA – animals with backbones.

This sub-phylum can be subdivided into five groups:

- a) Fishes
- b) Amphibians
- c) Reptiles
- d) Birds
- e) Mammals





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| Class | Examples | Characteristics |
|------------|--|--|
| Fishes | Sharks Rays Puffer Fish Sea Horses Sea Dragons Parrot Fish | Marine Scales Changing body temperature. (Cold blooded) Gills Fins Most lay eggs |
| Amphibians | Frogs Toads Newts Salamanders | Live on land or water. Soft moist skin without scales. Changing body temperature. Lungs Limbs Eggs without a shell, usually laid in water |
| Reptiles | Snakes Lizards Tortoises Turtles Crocodiles Alligators | Some marine, some land dwelling. Scales Changing body temperature. Lungs Limbs, except snakes. Leathery-shelled eggs laid on land |
| Birds | Emus Penguins Sparrows Cockatoos Sea Gulls Ducks Chickens | Land dwellers. Feathers Constant body temperature. Lungs Fore limbs modified for flying (wings), although some are flightless. Eggs with hard shell |
| Mammals | Platypus Echidna Kangaroo Possum Tasmanian Devil Man Apes Dogs Horses Whales Porpoises | Most live on land (exceptions are dolphins and whales). Have fur or hair. Constant body temperature. (Warm blooded) Lungs. Well-developed limbs. Suckle their young. a) Egg-laying. b) Development of young in pouch. (Marsupials) Young well developed at birth |