

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