

## Subclasses of Mammals

Sunday, August 6, 2023 5:13 PM

- Prototheria → Egg Laying
- Metatheria → Pouched
- Eutheria → Placental

	Subclass Prototheria or monotremata	Subclass Metatheria or marsupials	Subclass Eutheria or placentalia
1	Most primitive mammals ✓ Egg laying mammals. ✓	Female of these animals bear a pouch or marsupium on the ventral side of the belly	True mammals having the highest degree of evolution of <u>brain</u> and <u>body structures</u> .
2	In these mammals there is no connection between the body of mother and <u>foetus</u> for transfer of nutrients. These animals are more rightly be called as <u>ovo-viviparous</u> .	In these animals <u>placenta</u> is <u>not formed</u> therefore, babies come out of the body earlier in immature form. <u>Teats</u> of the mammary glands are present in the pouch from which the babies suckle milk.	Young ones develop inside the uterus to a relatively mature stage. After birth mother feeds them on her milk produced in the mammary glands with well developed teats.
3	Duck billed platypus ( <i>Ornithorhynchus</i> ) Spiny ant eater ( <i>Tachyglossus</i> ).	Kangaroo ✓ Opossum, ✓ Koala ✓	Dog, Cat, lion and Wolves Humans



### ORDERS OF MAMMALS → placental

<b>Insectivora:</b>	Moles and shrews.
<b>Chiroptera:</b>	Bats, flying squirrels.
<b>Cetacea:</b>	Whale, dolphin. Porpoises, sea lion
<b>Carnivora:</b>	Dog, cat, lion and wolves. ✓
<b>Rodentia:</b>	Rats, mice, squirrel, beavers etc. ✓
<b>Edentata:</b>	American anteater, sloths
<b>Pholidota:</b>	Pengulin
<b>Proboscidea:</b>	Elephant
<b>Perissodactyla:</b>	Odd-toed hoofed mammals like, horse, zebra
<b>Artiodactyla:</b>	Even-toed hoofed mammals like cow, goat, deer
<b>Primates:</b>	Lemur, monkeys, apes, tarsiers, human beings

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