

## MAMMALIA.

*Aristotle.*

No animal which is not viviparous has breasts: and even of viviparous animals those only have them which produce their young alive at once, without the intervention of an egg.

The milk is not, as the blood is, a fluid which animals possess from their birth, but a subsequent secretion; and is contained in the breasts. And all those animals have breasts which are essentially or directly viviparous; as man, and such quadrupeds as are covered with hair; and also cetaceous animals, as the dolphin, the seal, and the whale.

Οὐθὲν τῶν μὴ ζωοτοκούντων (ἔχει μαστοὺς), οὐδὲ τὰ ζωοτοκούντα πάντα, ἀλλ' ὅσα εὐθὺς ἐν αὐτοῖς ζωοτοκεῖ καὶ μὴ φῶτοκεῖ πρῶτον. p. 40. Τῶν δὲ ὄφρων ὁ μὲν ἔχει ζωοτοκεῖ ἔξω, ἐν αὐτῷ πρῶτον φῶτοκήσας. p. 151. Αἷμα ὕγρον σύμφυτόν ἐστι τοῖς ζώοις· ὑστερόγενες δὲ καὶ ἀποκεκριμένον ἀπασιν, ὅταν ἐνῆ, ἔνεστι, τὸ γάλα· —ἔχει δὲ, ὅσα ἔχει τὸ γάλα, ἐν τοῖς μαστοῖς. μαστοὺς δ' ἔχει ὅσα ζωοτοκεῖ καὶ ἐν αὐτοῖς καὶ ἔξω, οἷον ὅσα τε τρίχας ἔχει, ὡσπερ ἄνθρωπος καὶ ἵππος, καὶ τὰ κήτη, οἷον δελφῖς καὶ φῶκη καὶ φάλαινα· καὶ

*Cuvier, tom. I.*

The animals of the class *mammalia* are essentially viviparous; inasmuch as a direct communication is established between the embryo and the parent immediately after conception.

The new-born offspring is nourished for a time by milk, which is a special and temporary secretion from the mam-mæ; organs, so exclusively peculiar to this class, as to have determined the distinctive appellation *mammalia*. This class includes all the common viviparous quadrupeds; together with the seal, and the dolphin, and other cetacea.

La génération dans tous les mammifères est essentiellement vivipare; c'est-à-dire que le fœtus, immédiatement après la conception, descend dans la matrice, enfermé dans ses enveloppes—qui établissent entre lui et sa mère une communication, d'où il tire sa nourriture. p. 75, 76.

Les petits se nourrissent pendant quelque temps, après leur naissance, d'une liqueur particulière à cette classe (le lait), laquelle est produite par les mammelles—qui ont valu à