

Order Cetartiodactyla (Montgelard, Catzefflis and Douzery, 1997)

- a. Tylopoda (camels)
- b. Unnamed clade including rest of cetartiodactyls
 - a. Unnamed clade including rest of artiodactyls exclusive of hippos and cetaceans
 - Suina (pigs)
 - Ruminantia (ruminants)
 - b. Cetancodonta (Arnason, Gullberg, Gretasdottir, Ursing and Janke, 2000) [unranked clade, includes hippos and cetaceans; considered by some as suborder, but is sister to clade composed of Suina and Ruminantia]
 - a. Hippopotamidae [unranked clade]
 - b. Cetacea (Brisson, 1762) [unranked clade]
 - a. Mysticeti [unranked clade]
 - Family Balaenidae
 - Family Neobalaenidae
 - Family Balaenopteridae
 - Family Eschrichtiidae
 - b. Odontoceti [unranked clade]
 - Family Physeteridae
 - Family Kogiidae
 - Family Platanistidae
 - Family Ziphiidae
 - Family Pontoporiidae
 - Family Iniidae
 - Family Lipotidae
 - Family Monodontidae
 - Family Phocoenidae
 - Family Delphinidae