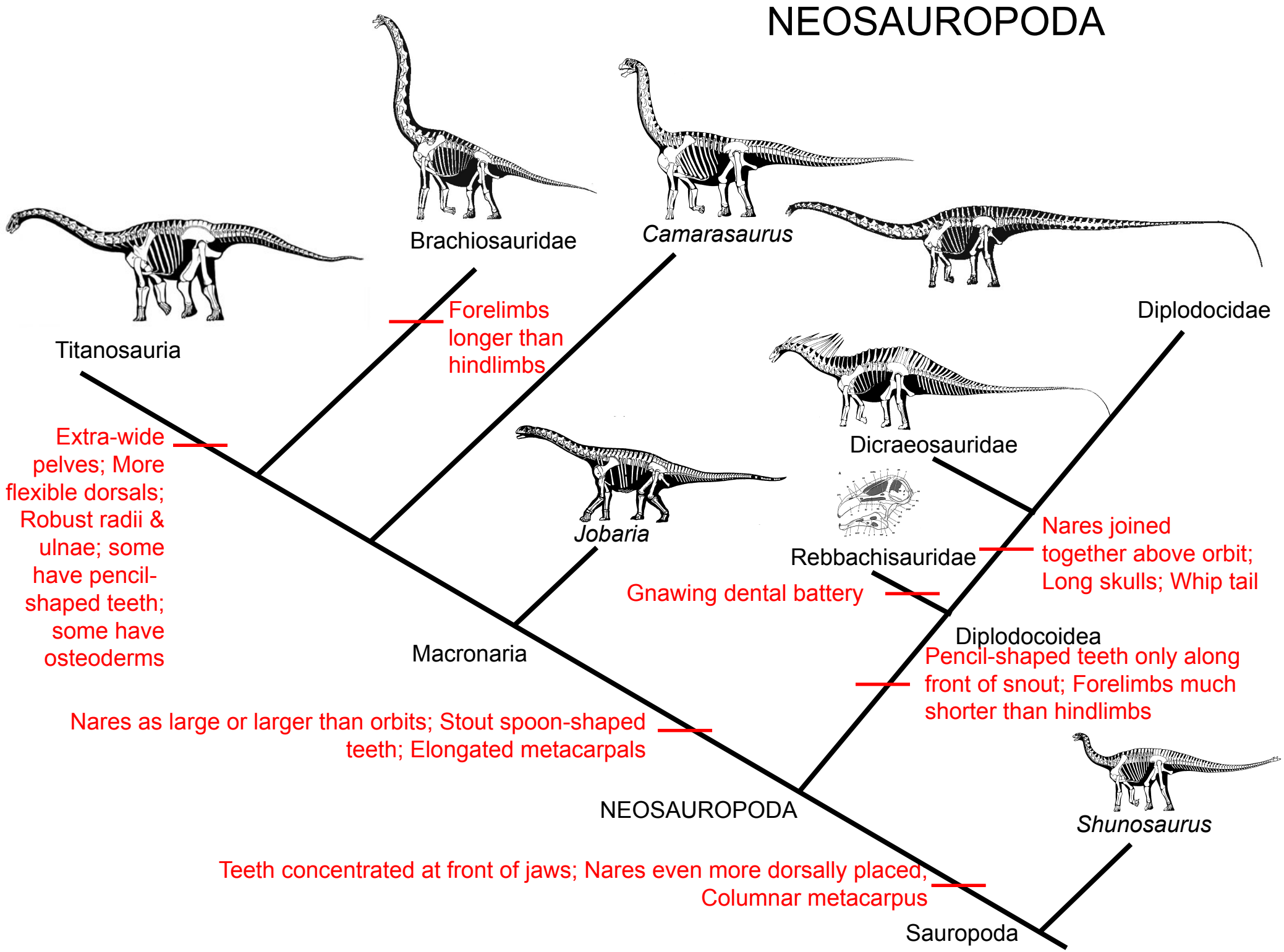
NEOSAUROPODA
Brachiosauridae
Camarasaurus
Titanosauria
Forelimbs longer than hindlimbs
Diplodocidae
Dicraeosauridae
Extra-wide pelves; More flexible dorsals; Robust radii & ulnae; some have pencil-shaped teeth; some have osteoderms
Jobaria
Rebbachisauridae
Nares joined together above orbit; Long skulls; Whip tail
Gnawing dental battery
Diplodocoidea
Macronaria
Pencil-shaped teeth only along front of snout; Forelimbs much shorter than hindlimbs
Nares as large or larger than orbits; Stout spoon-shaped teeth; Elongated metacarpals
NEOSAUROPODA
Shunosaurus
Teeth concentrated at front of jaws; Nares even more dorsally placed; Columnar metacarpus
Sauropoda