



Synapomorphies: 1) Slime production 2) Ammocoetes larvae. 3) Jaws. 4) Cartilaginous skeleton 5) Ossified endoskeleton. 6) Lobed fins. 7) Rayed-fins. 8) Mobile pre-maxilla (jaw protrusion), uroneural bone. 9) Leptocephalus larve. 10) Bony tongue. 11) Inner ear to gas bladder connection. 12) Weberian apparatus. 13) Adipose fin. 14) Spiny rays on first dorsal, ascending process, pectoral and pelvic girdle connection, pharyngeal dentition. 15) Fused jaw, bony plates. 16) Finlets. 17) Flattened body. 18) Jaw teeth. 19) Lateral pectoral fins, abdominal pelvic fins. 20) Bony plate/spines on cheek.