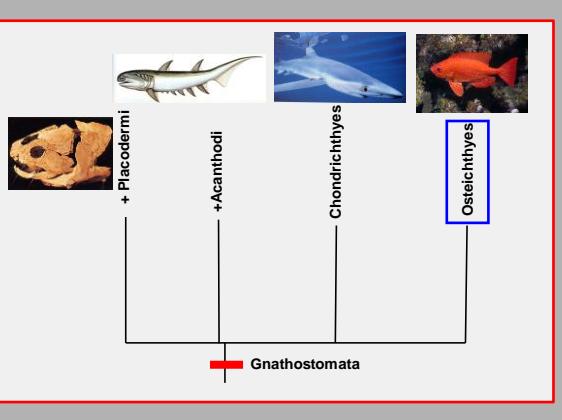


- Introdução aos Osteichthyes

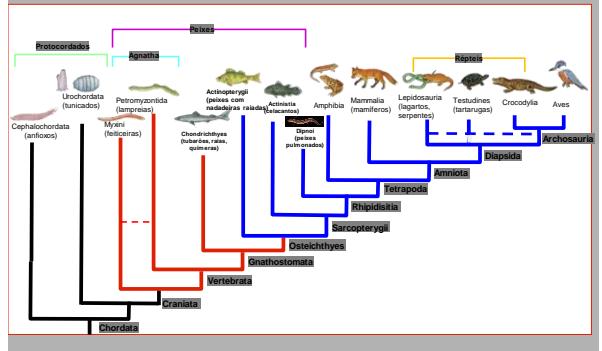
- Actinopterygii

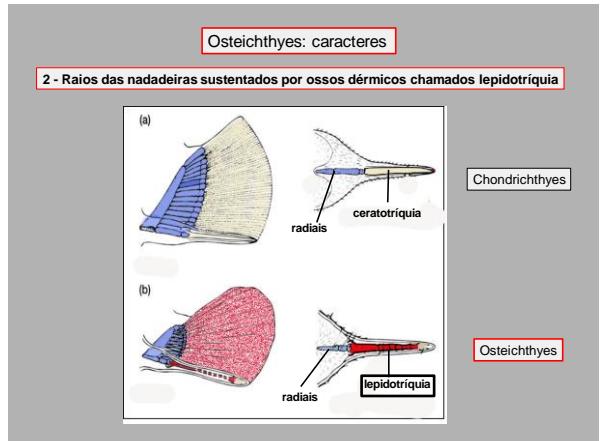
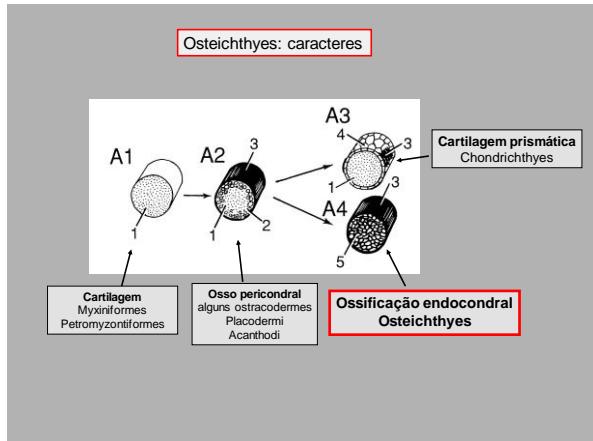
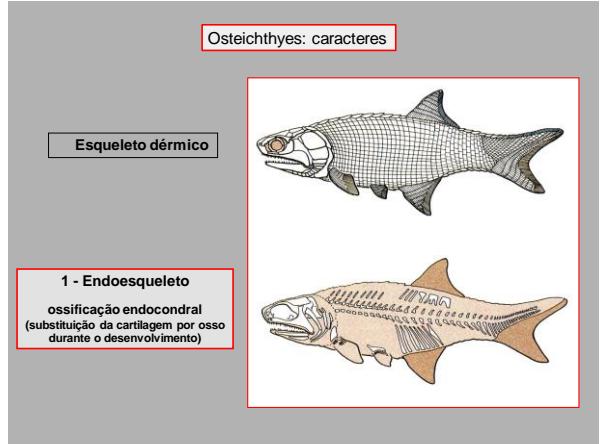
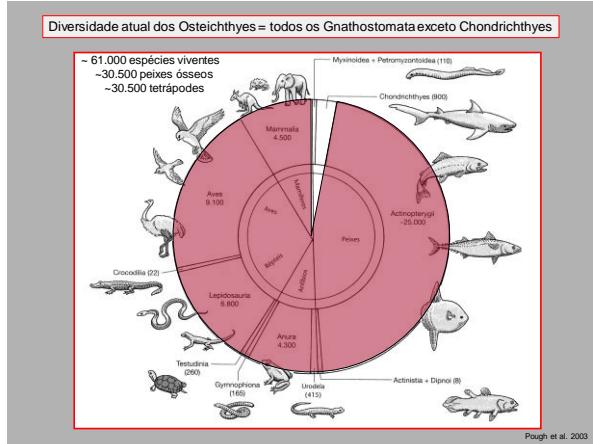
Objetivos desta aula

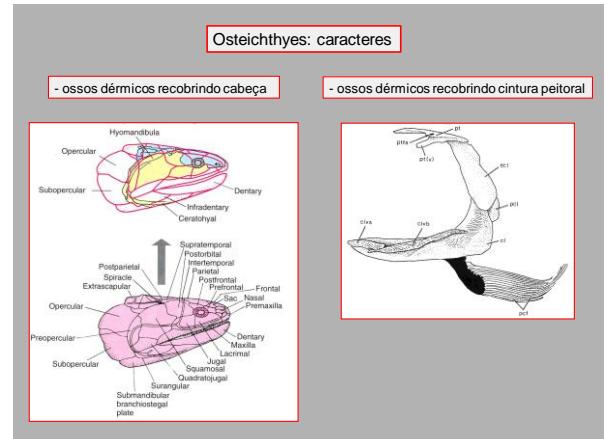
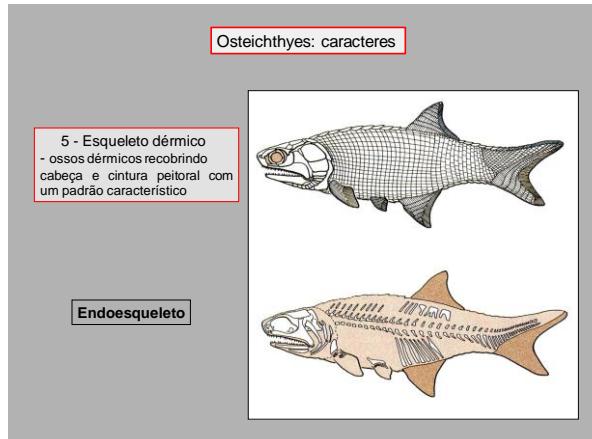
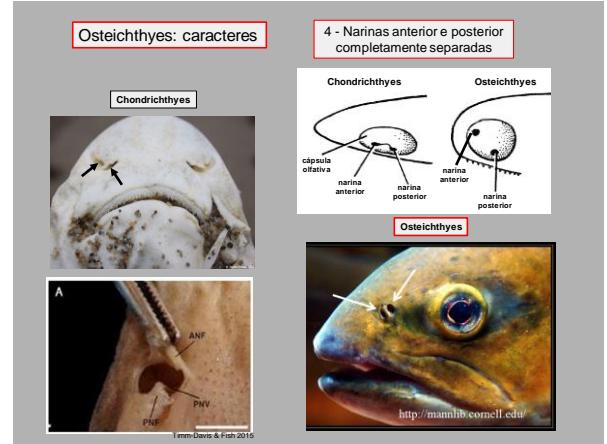
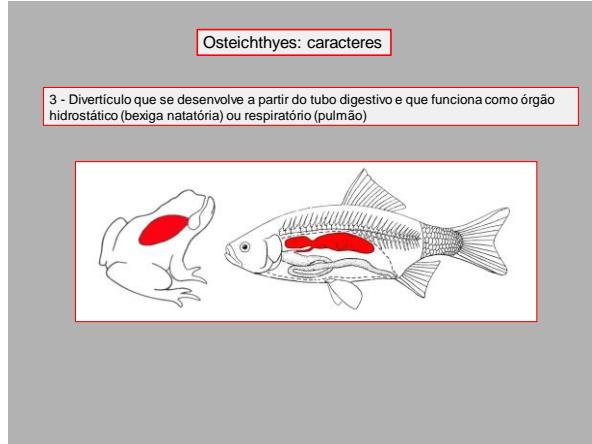
- Caracterizar os Osteichthyes
- Caracterizar os Actinopterygii
- Apresentar a diversidade de Actinopterygii recentes

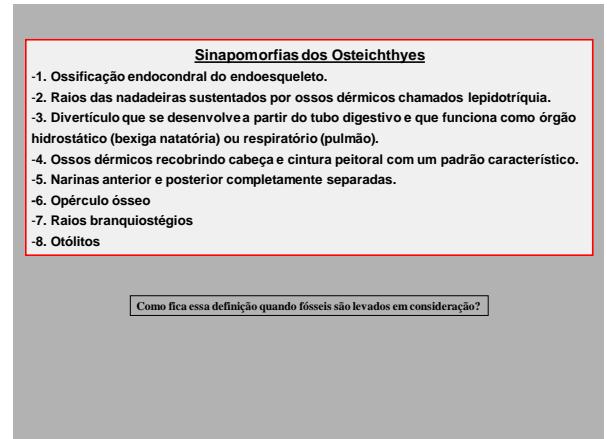
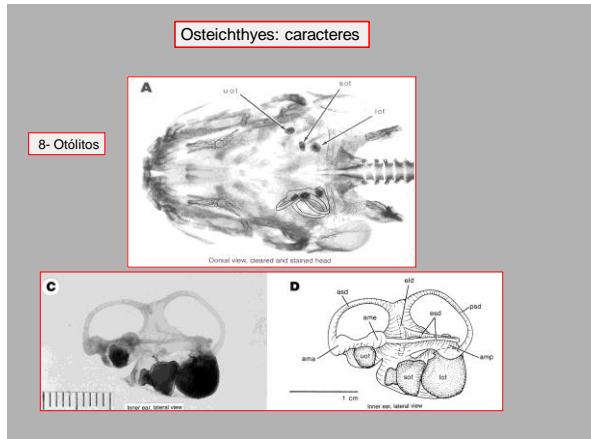
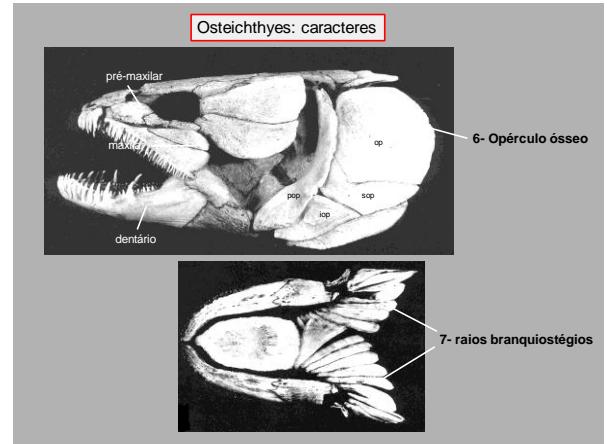
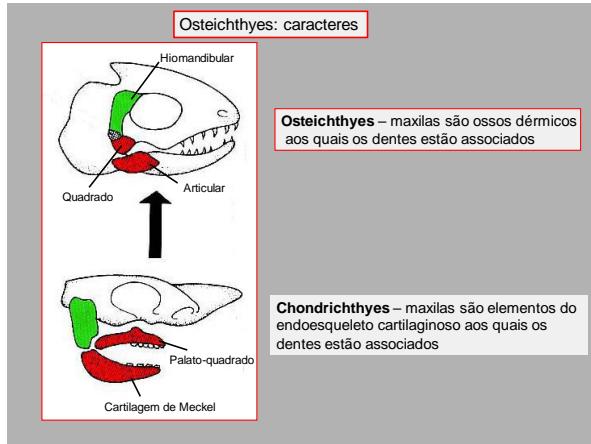


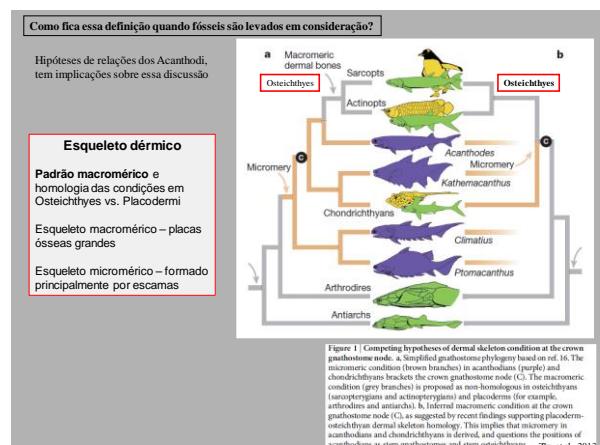
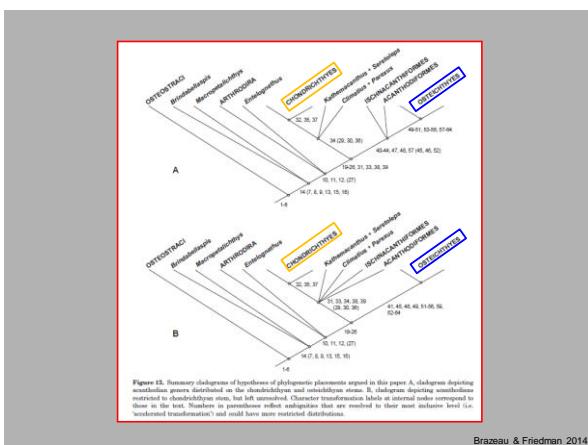
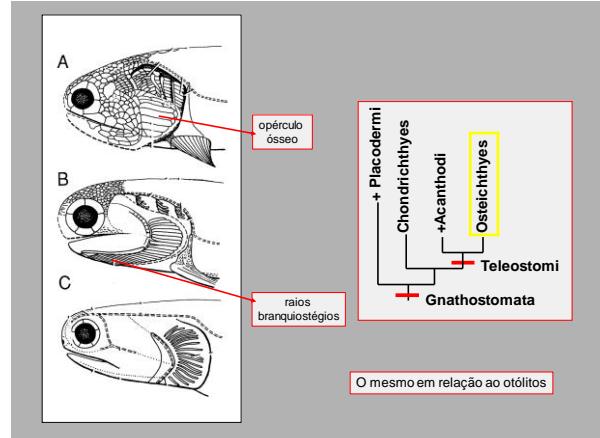
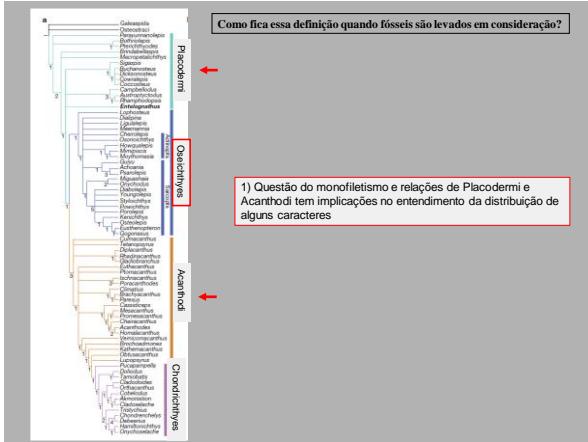
Diversidade atual dos Vertebrados

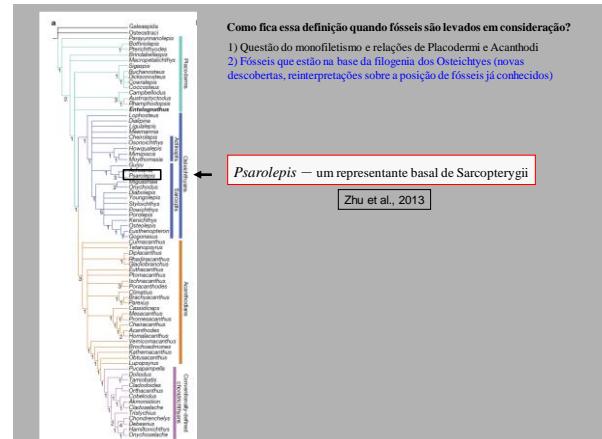
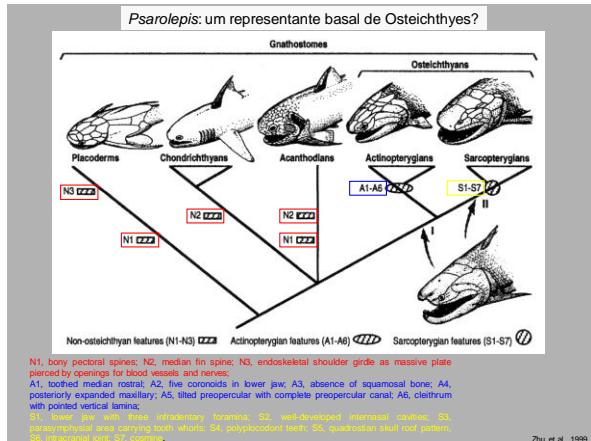
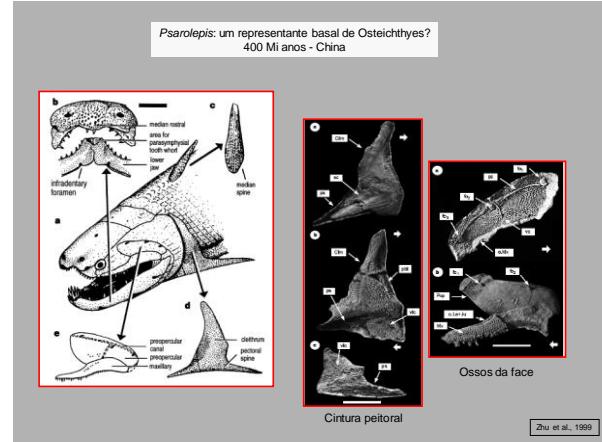
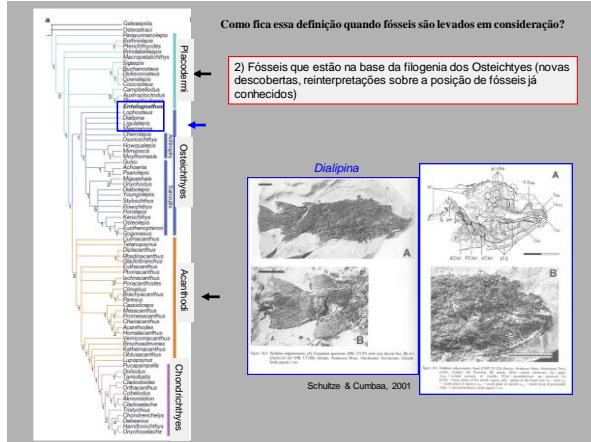


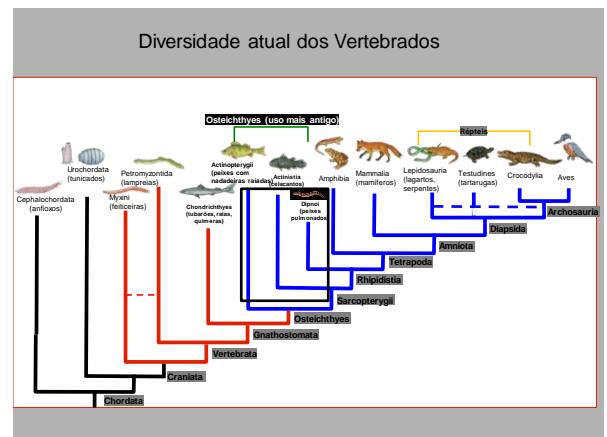
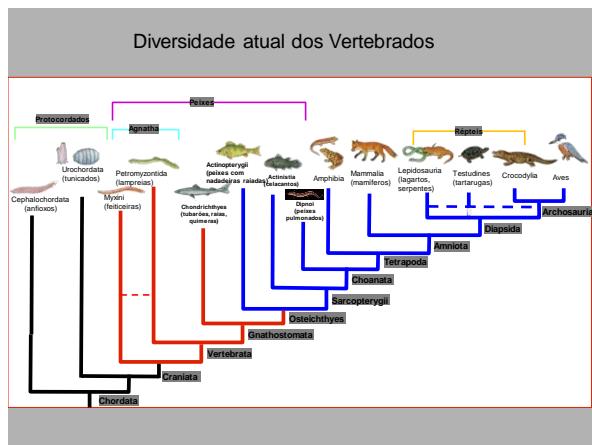
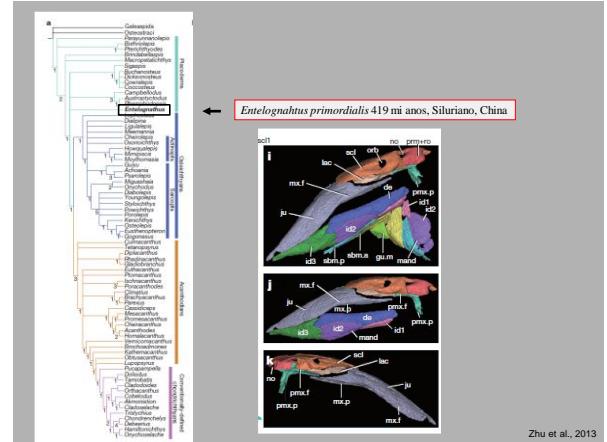
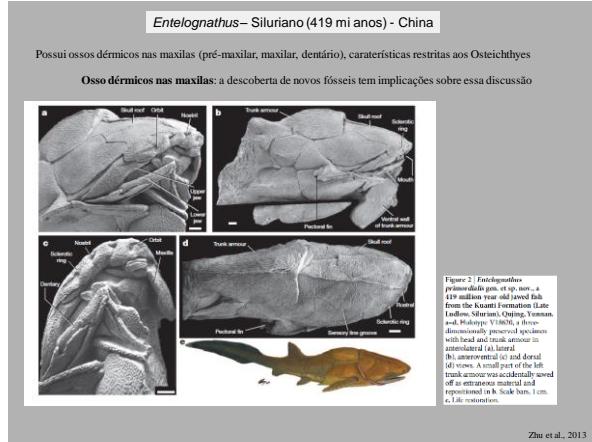


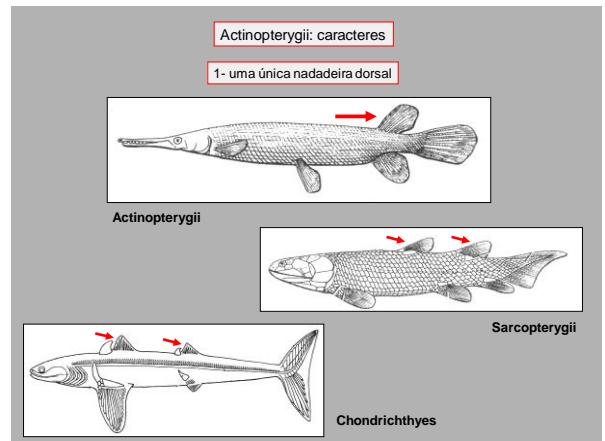
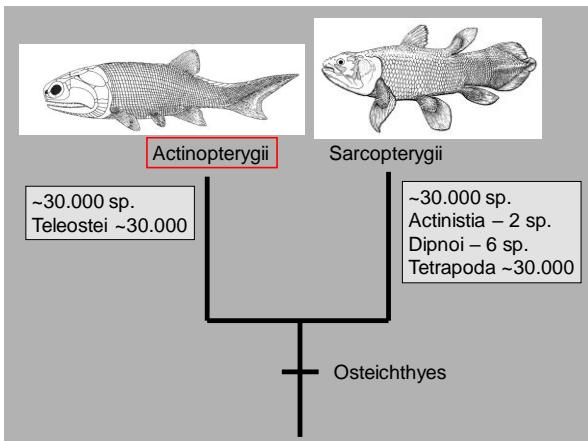
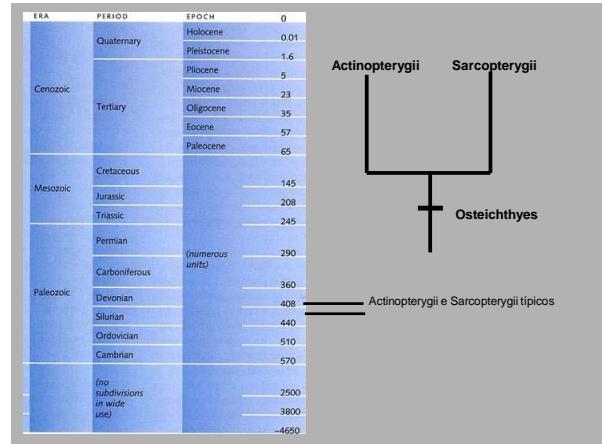
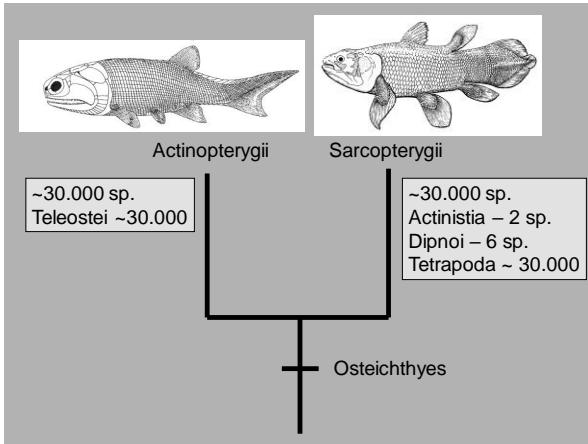


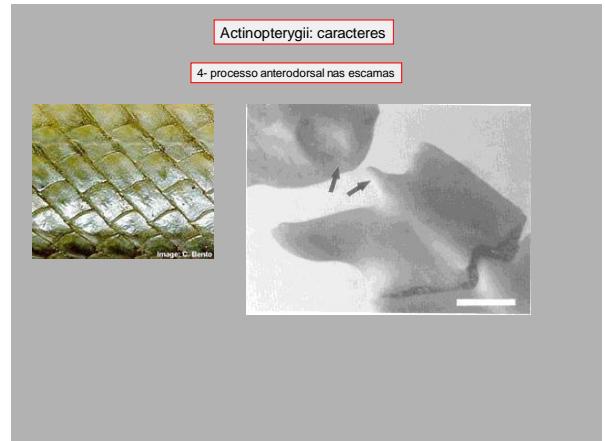
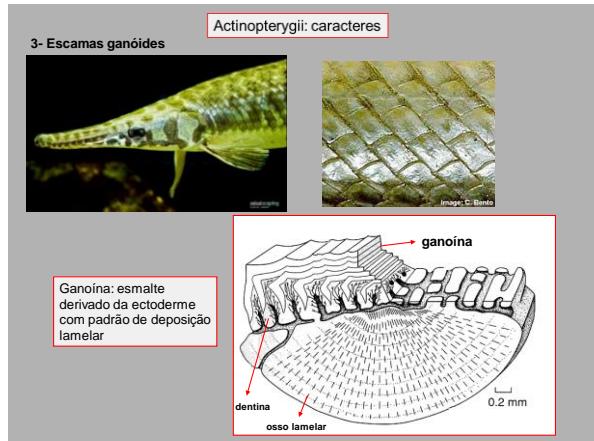
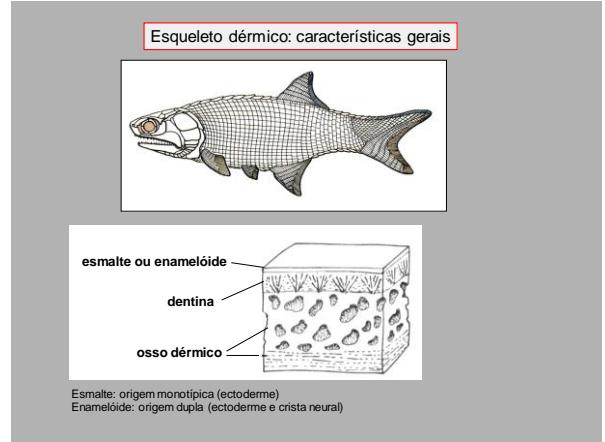
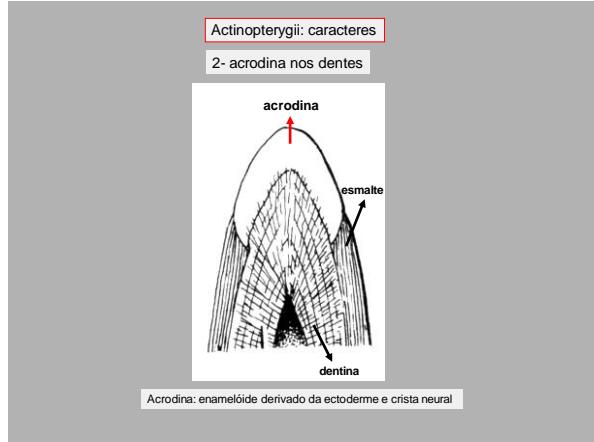


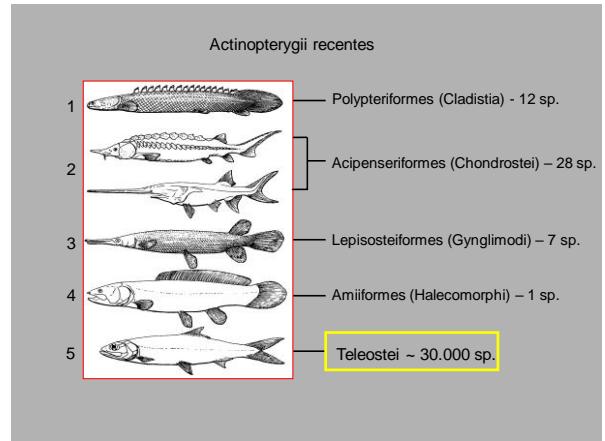
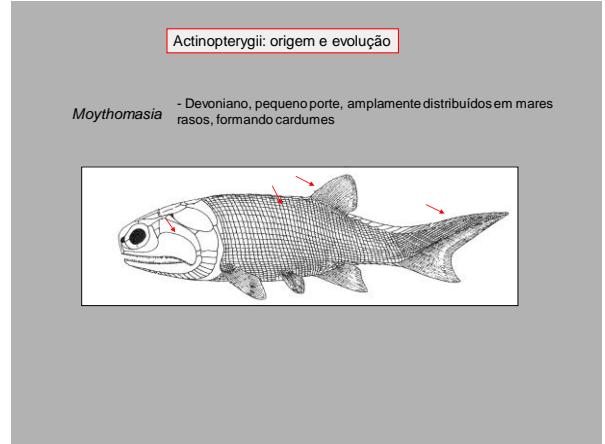
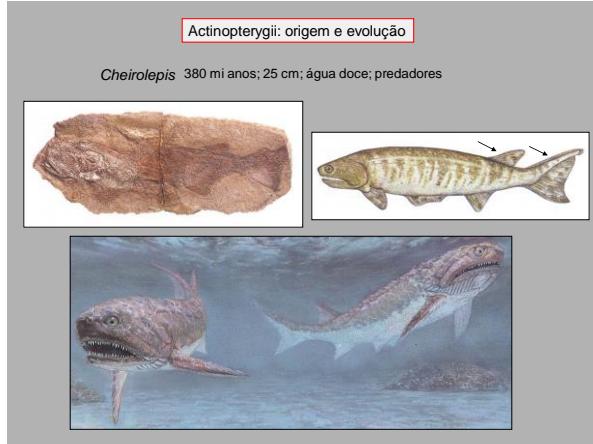












Polypteriformes (= Cladistia)

- 12 espécies, água doce
- África tropical

Polypteriformes (= Cladistia)

- 12 espécies, água doce
- África tropical

Acipenseriformes (= Chondrostei)

- 28 espécies, água doce ou anádromos
- Hemisfério Norte
- esturjões e peixes espátula

esturjões

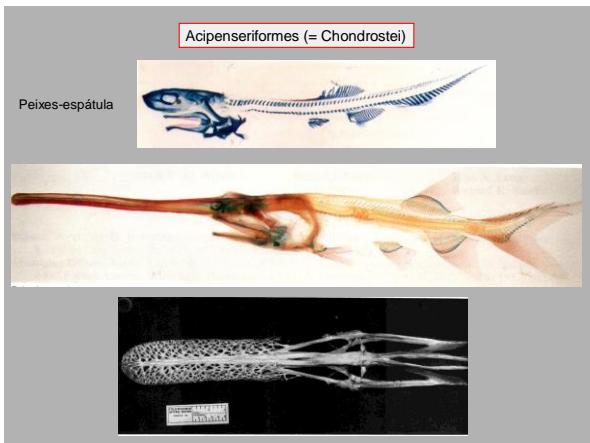
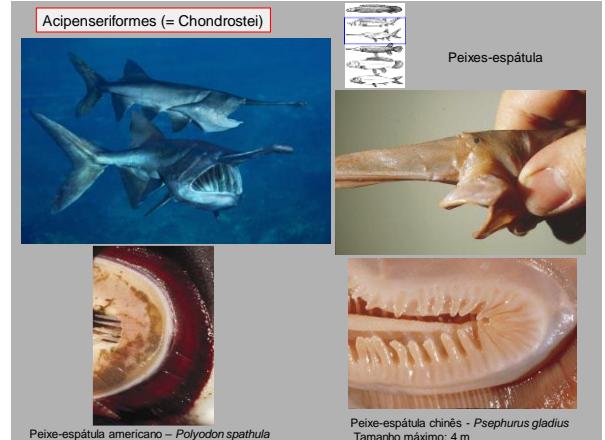
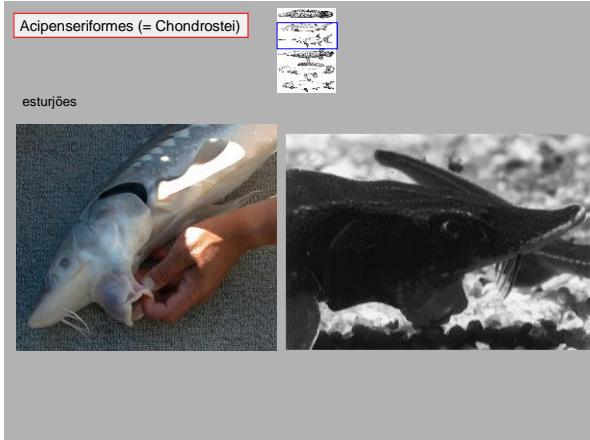
Acipenser sturio Linnaeus (Acipenseridae)

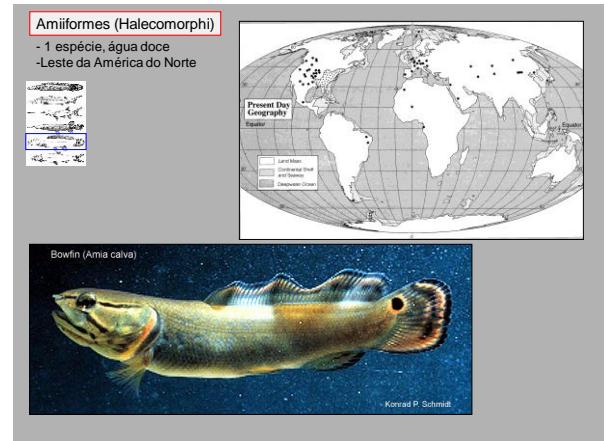
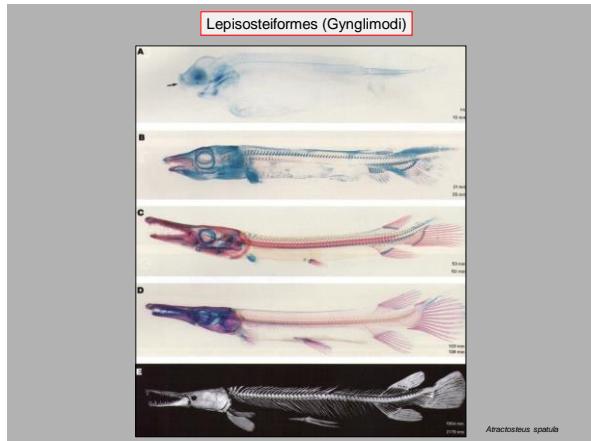
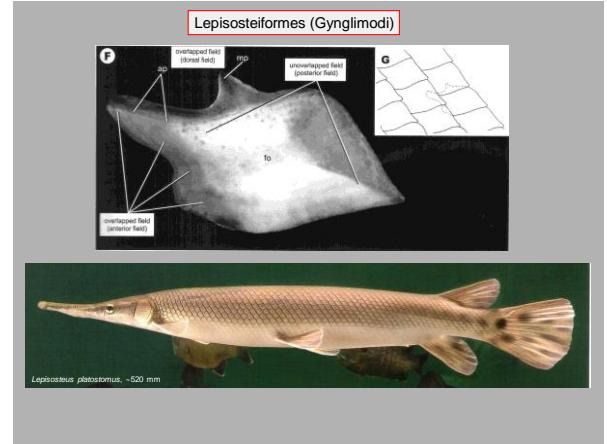
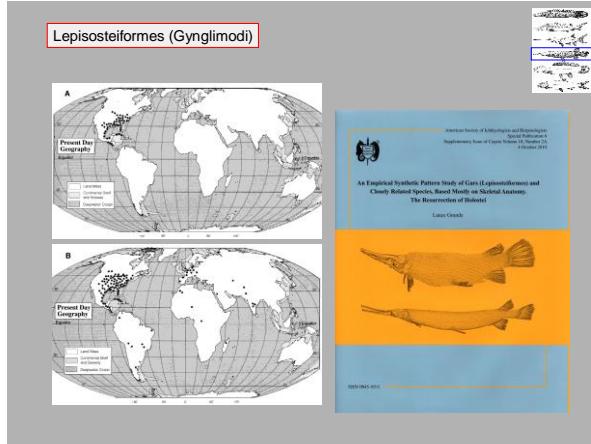
Acipenseriformes (= Chondrostei)

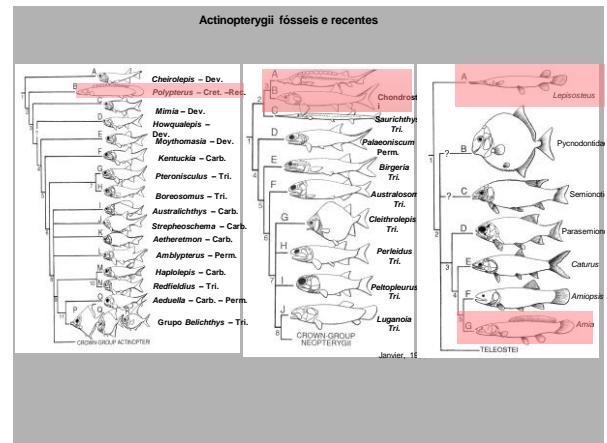
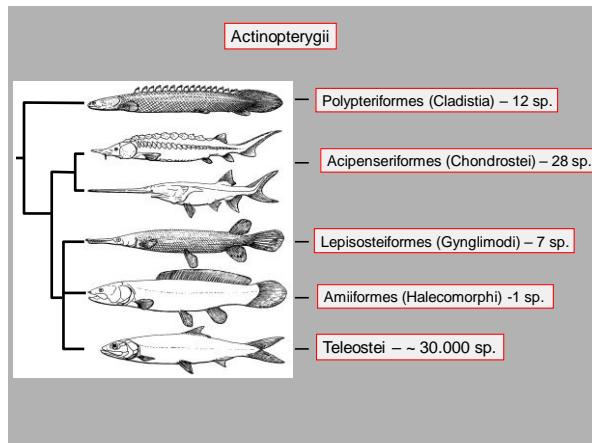
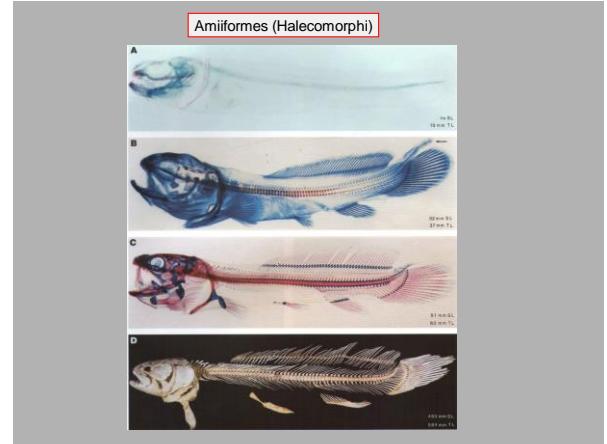
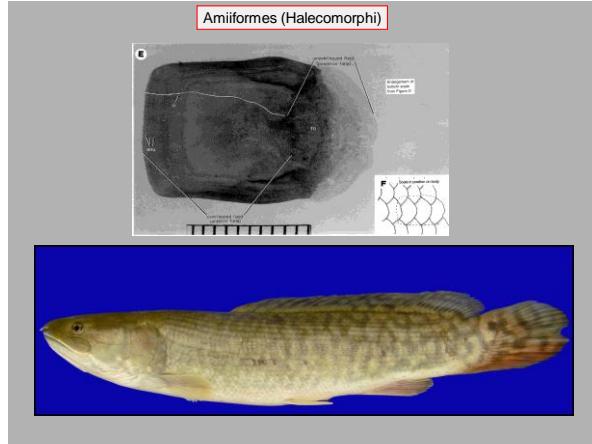
esturjões

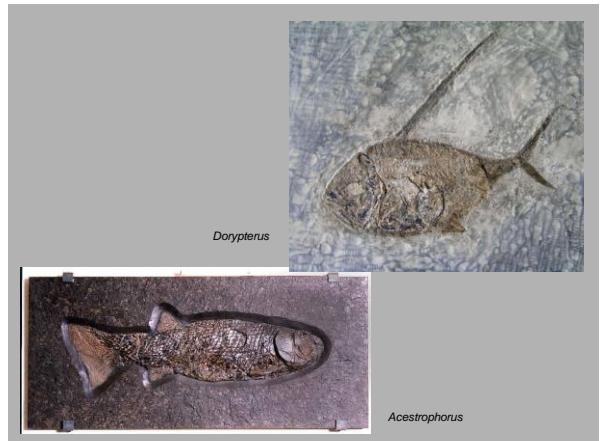
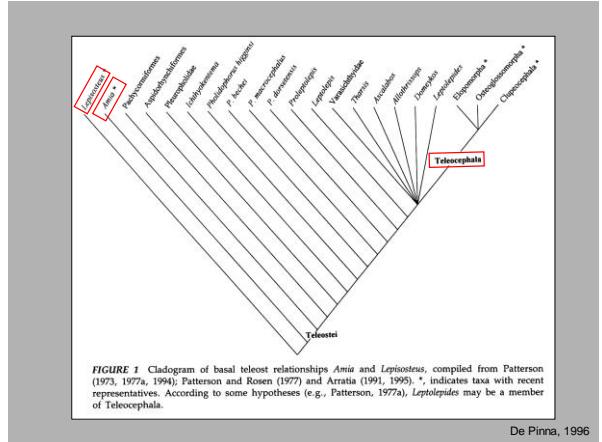
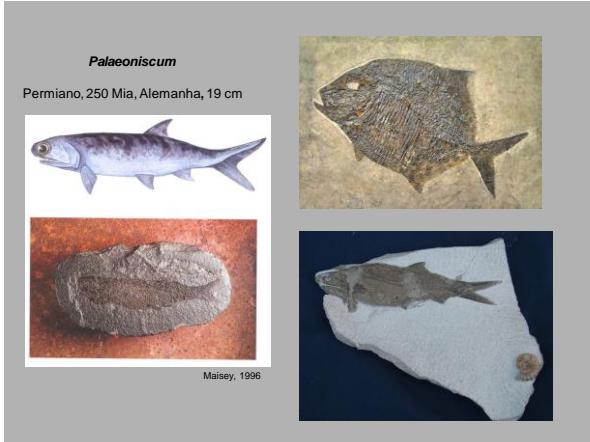
Fêmea – 4m – 180 kg ovos

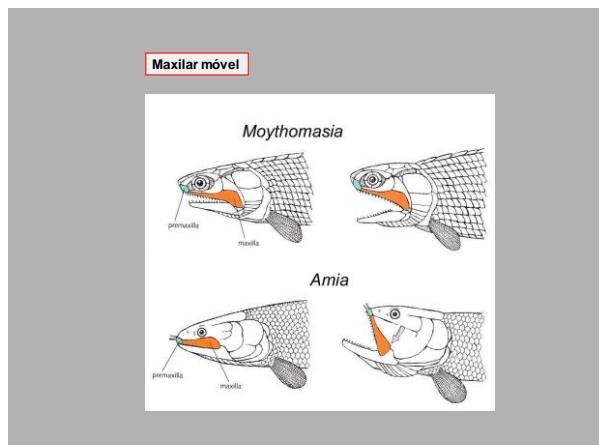
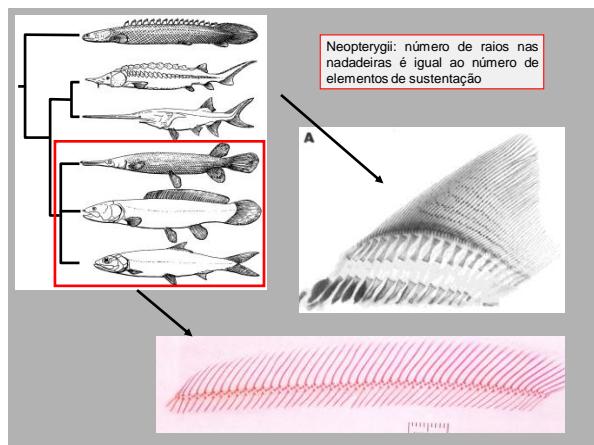
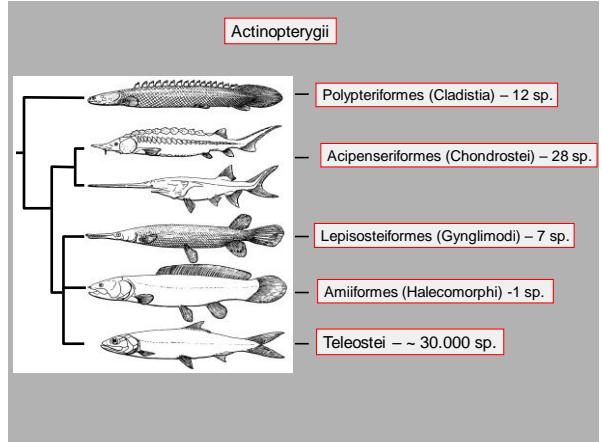
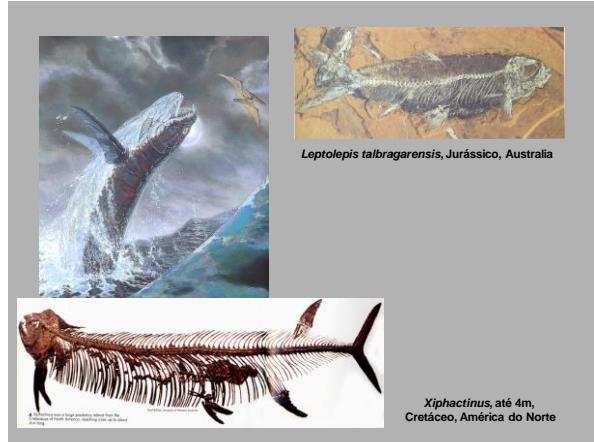
Huso dauricus
Tamanho máximo - 8 m - 1300 kg

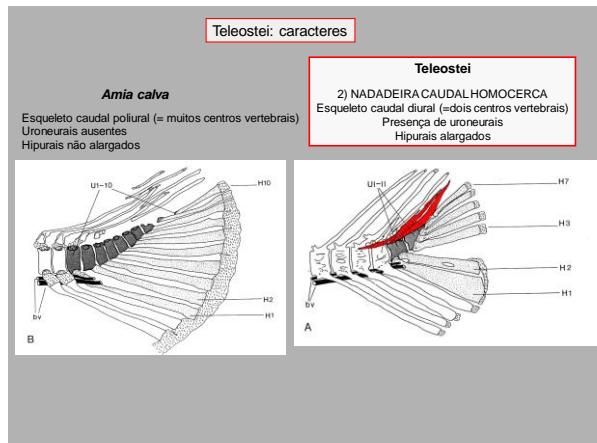
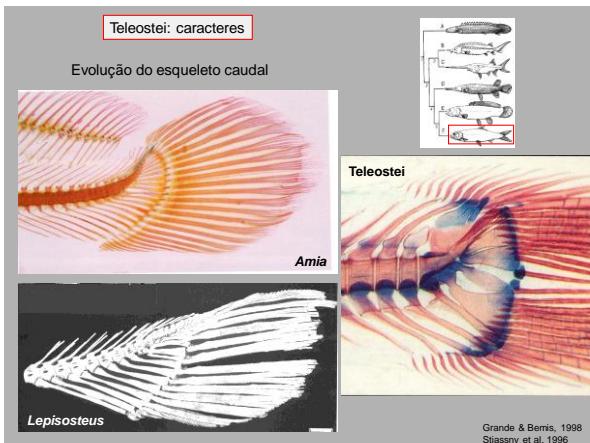
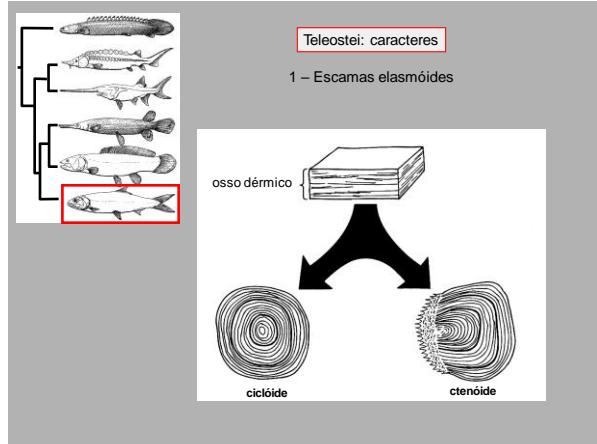
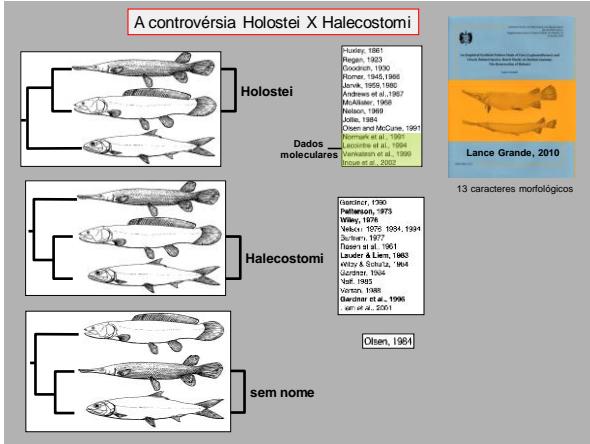


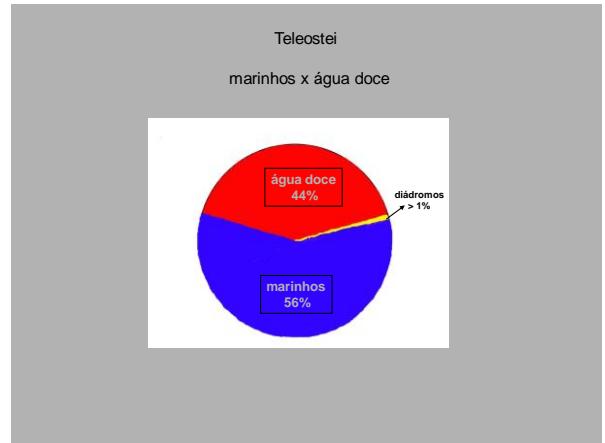
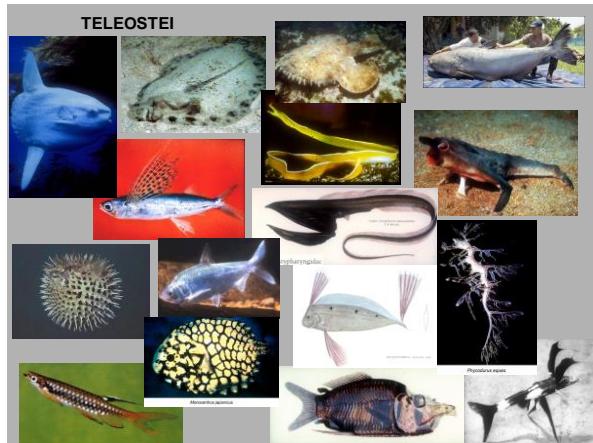
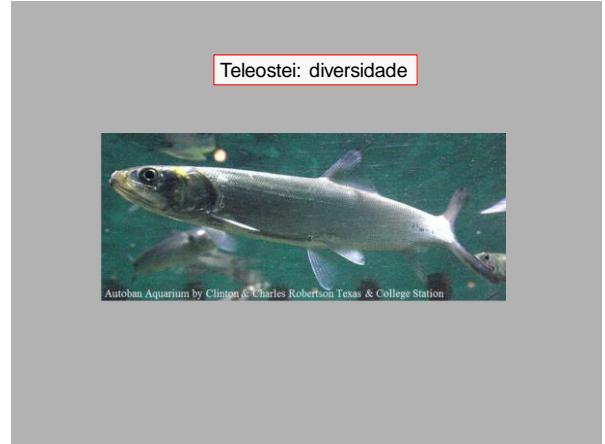
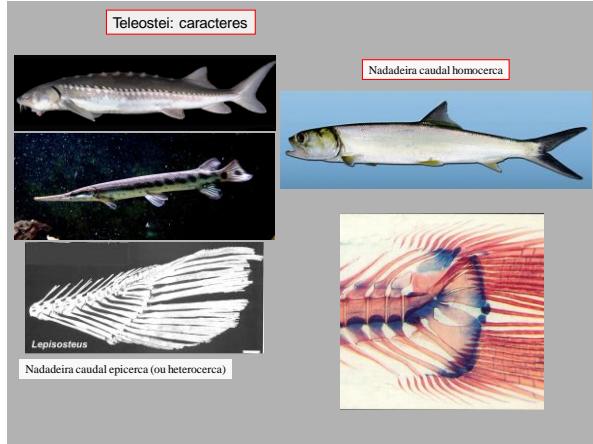


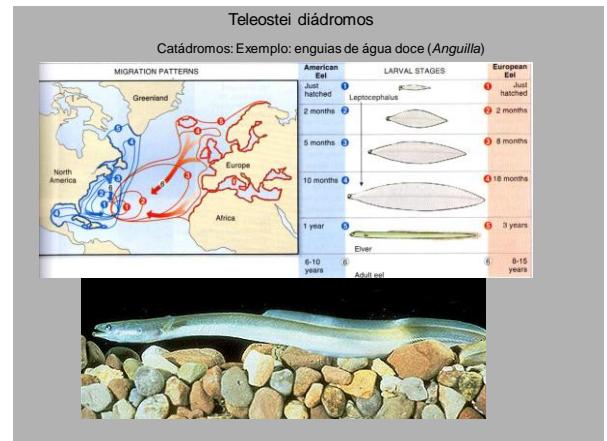
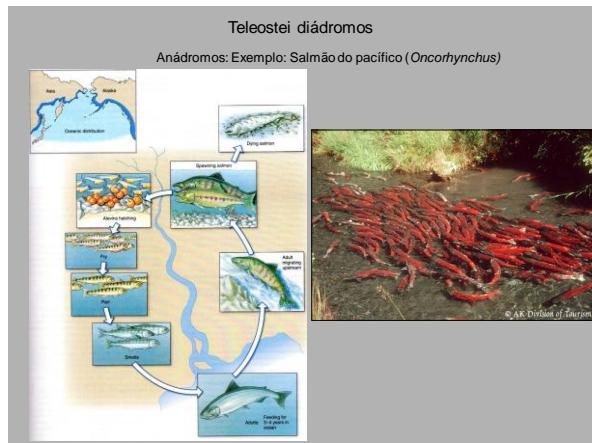
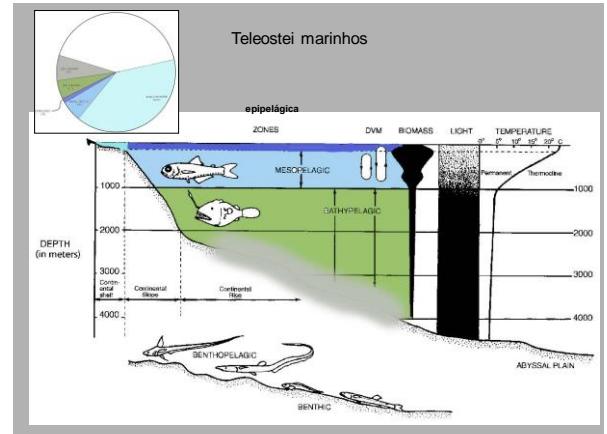
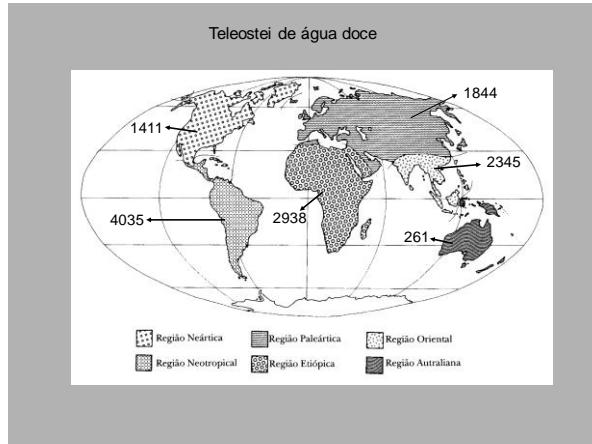


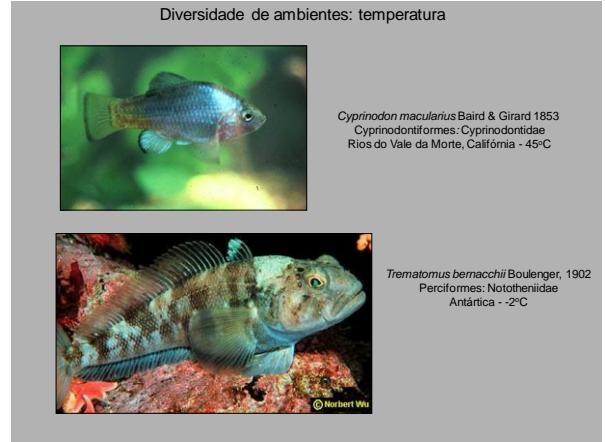
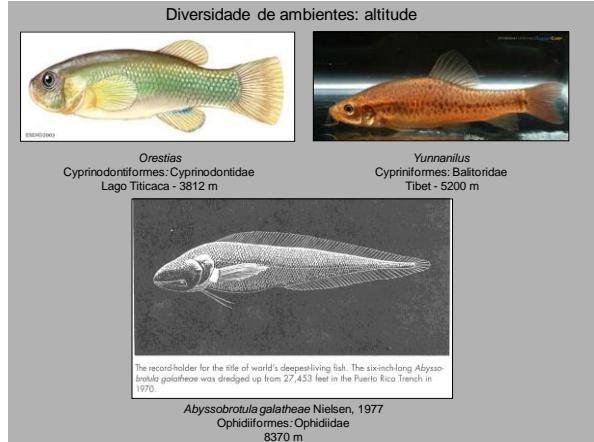








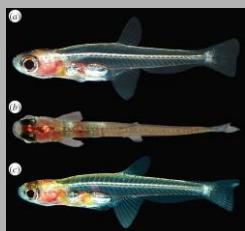




Diversidade morfológica: tamanho



Piaracu
Arapaima gigas
2,5 m



Paedocypris progenetica
~9 mm

Diversidade biológica - Ciclo de vida

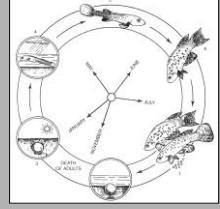


Antonio Vilar
Aquarium Finsterrae
www.casacienicias.org

Polypion americanus
Cherne-poveiro
~ 70 anos

Diversidade biológica – ciclo de vida

Nematelebias whitei (Myers, 1942)
Cyprinodontiformes: Rivulidae
1 ano

Nematelebias whitei adult in natural environment near sea, Barra de São João, RJ, southern Brazil. Photo: C. Costa.

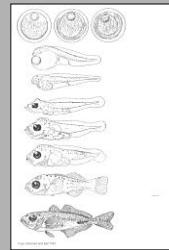
Meio local da figura acima, após aterro para construção de casas, resultando no desaparecimento das três espécies de peixes nativos.

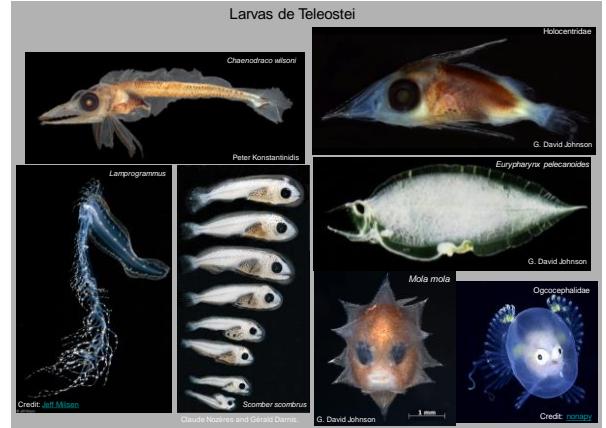
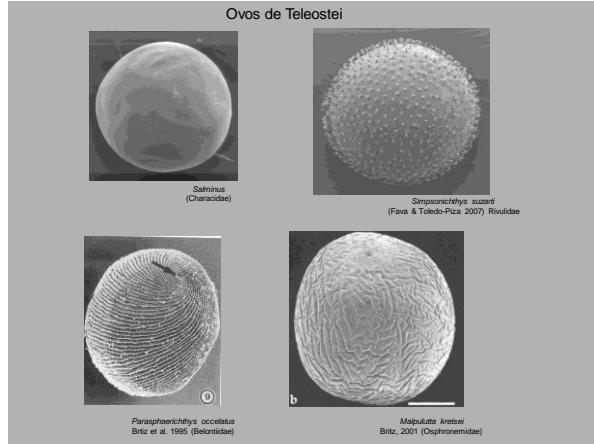
Costa, 2002
Heifman et al., 1998

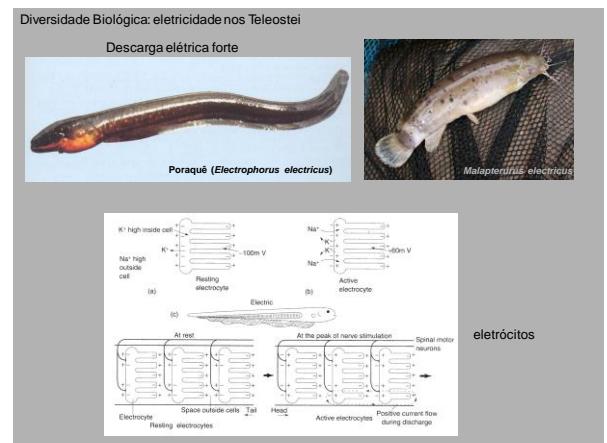
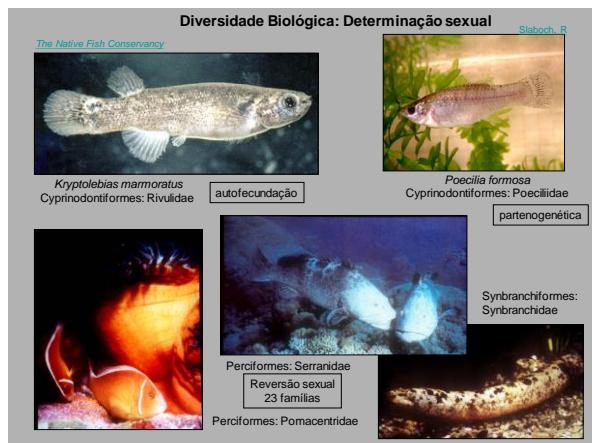
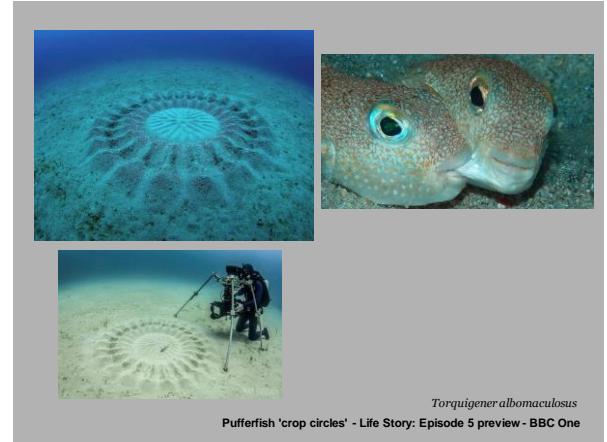
Diversidade biológica dos Teleostei: reprodução e desenvolvimento

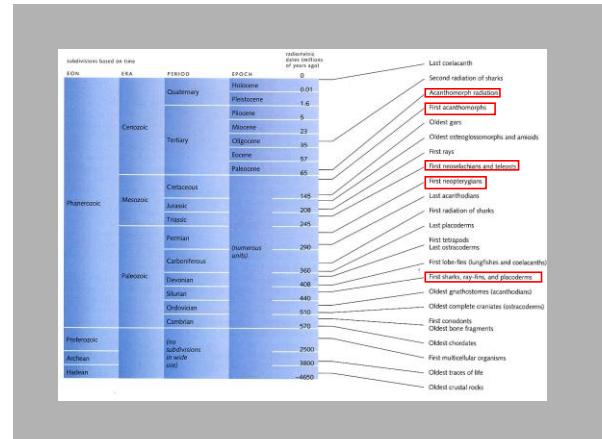
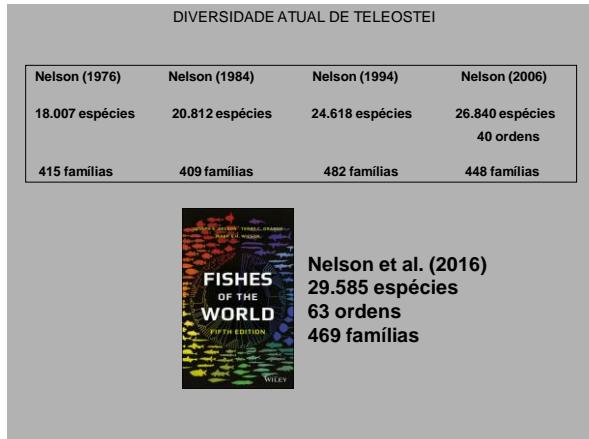
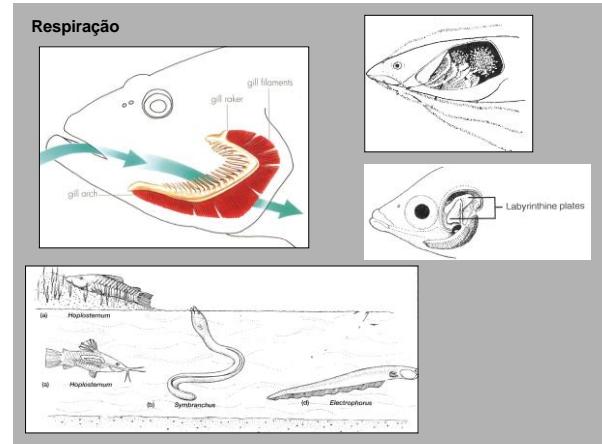
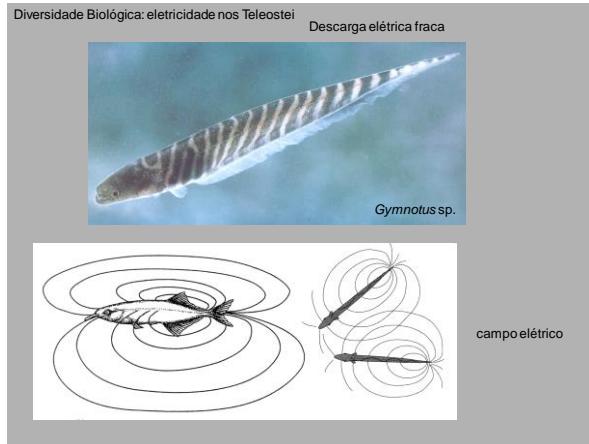
Maioria dos Teleostei:

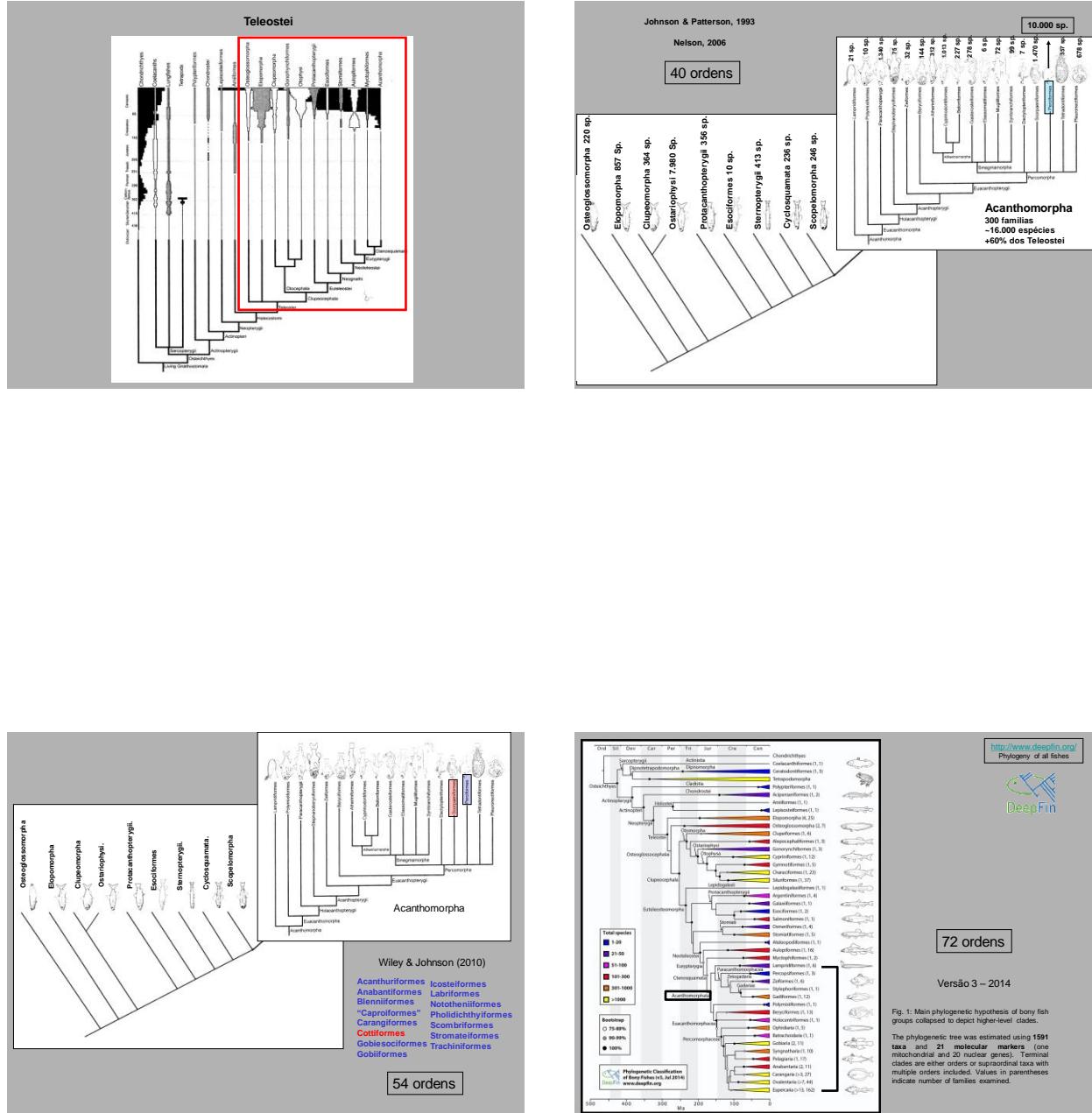
- Dióicos
- Fecundação externa
- Desenvolvimento externo dos ovos e embriões
- Sem cuidado parental
- Fase larval









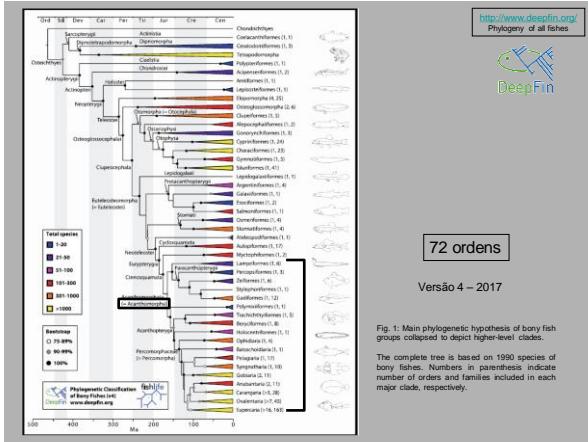


Fig. 1: Main phylogenetic hypothesis of bony fish groups collapsed to depict higher-level clades.

