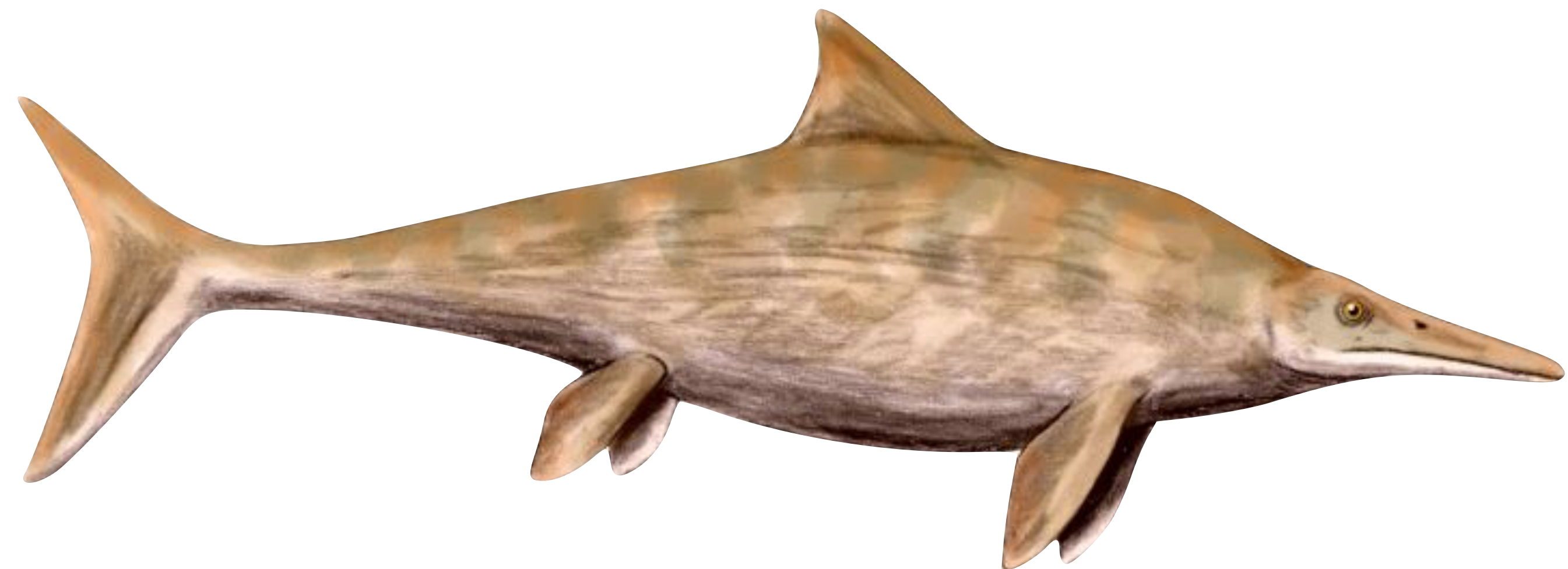


Our Research

Ichthyosaurs

- Fish-like marine reptiles
 - 250–90 million years ago
 - 114 species
- How did their morphology change?
- What rate(s) did they evolve?

Suevoleviathan — Jurassic (182 mya) — Germany



Our Research

Novel workflow

- Main inputs:
 - Morphology
 - Time ranges
 - Evolutionary trees
- Analyses:
 - R
 - Specialist open software
- Outputs:
 - Morphological variation (PCA)
 - Time-scaled trees
 - Evolutionary rates (time, trees)

