



zve všechny zájemce na Paleontologický seminář (MG422S42A),

který se koná ve středu **23. dubna 2025** od **14:50**

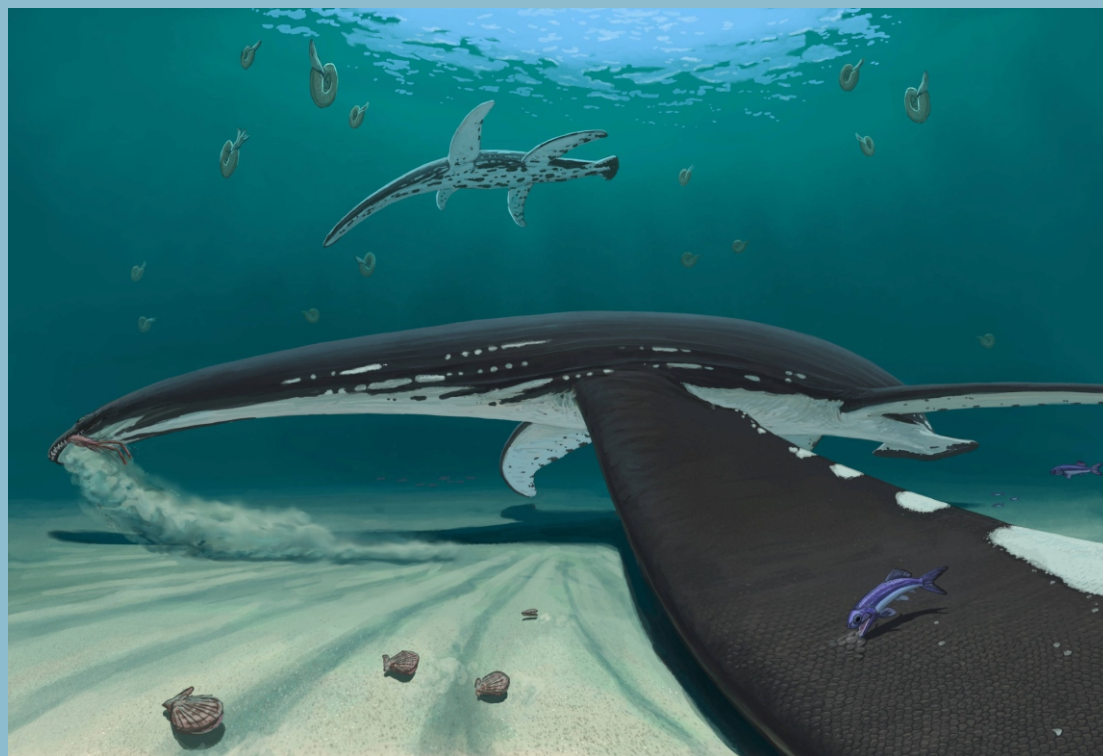
ve **Velké paleontologické posluchárně** a na <https://meet.google.com/hqc-mjbt-bty>

# Evolution and paleobiology of plesiosaurs

## Sven Sachs

*(Naturkunde-Museum Bielefeld)*

Plesiosaurs are a diverse group of marine reptiles that flourished the oceans during most of the Mesozoic, from the uppermost Triassic to the latest Cretaceous. Plesiosaurs were agile swimmers with a global distribution.



They formed a range of morphotypes, from huge macrophagous pliosaurs, the top predators in their environment, to elasmosaurids with long necks composed of up to 75 cervical vertebrae, to large-headed aristonectines with jaws bearing more than 200 slender teeth. Over the last two decades, our knowledge of plesiosaurs has increased enormously. We know that plesiosaurs lived in cold oceans of southern Australia, that they were ovoviviparous, and had small scales on their paddles. The speaker has been studying plesiosaurs for more than 20 years and established several new taxa. In the talk he will give an insight into this diverse group and introduces some of the recent advances.