



Master thesis with financial support

The Evolutionary Morphology Research Group at the Department of Palaeontology (University of Vienna) is looking for a highly motivated and dedicated, academically sound master student with an outstanding interest in palaeoichthyology to work on a project about **Early Jurassic elasmobranchs (sharks and rays)**. The material for this project comes from a clay pit of the Liapor Company at Altendorf just south of Bittenheim (Bavaria, southern Germany). It consists predominantly of micro-teeth coming from the *Amaltheus* Clay, which is late Pliensbachian in age.

The prospective student's tasks are the taxonomic identification of material that already is available in Vienna, studying additional material housed in the Bavarian State Collection of Palaeontology and Geology Munich, sorting screen-washed bulk samples for additional material, possibly conducting field-work in the clay pit, and writing a master thesis in English that will form the basis of a publication.

The prospective student will be part of an active research group and trained in chondrichthyan taxonomy and systematics, fieldwork methods (prospection, stratigraphy, bulk sampling), applying laboratory methods (screen washing, microscopic sorting), using various imaging techniques (3D digital microscopy, scanning electron microscopy), presenting scientific results, and scientific writing.

Financial support is available for a 5-month position as a student assistant within the FWF supported project "Reassessment of Late Jurassic elasmobranch fishes of Europe" (Grant DOI 10.55776/P35357)

For more information contact Univ.-Prof. Dr. Jürgen Kriwet (Juergen.kriwet@univie.ac.at).



(View of the clay pit at Altendorf just south of Bittenheim in Bavaria (S. Germany) with examples of shark teeth (Hexanchiformes, Heterodontiformes, *Agaleus* sp.).