

Paleocene/Eocene-boundary sections and a Selandian section in a transect through the Penninic Basin

Introduction

Today we will visit outcrops at a transect from the southern paleo-slope (Untersberg) of the Penninic Basin through the center of this basin (Anthering) to the northern shelf (St. Pankraz). We first head to the western outskirts of Salzburg. Close to the village of Fürstenbrunn we will stop at the bathyal Untersberg section of the nappe complex of the Northern Calcareous Alps. After visiting outcrops of the P/E-boundary and the lower Eocene containing volcanic ash-layers, we will travel north to the village of Anthering, where we will see an abyssal succession of the same age like at Untersberg but showing different facies (nappe complex of the Rhenodanubian Flysch Zone). Only a short bus ride from the Anthering outcrop we will stop at an abyssal Danian - Selandian section along the course of a creek. This section can be only visited if there are dry weather conditions. The last set of outcrops is in shallow water deposits from the northern rim of the Penninic Basin (South Helvetic nappe complex).

Notes:

- Arrange your own breakfast and assemble at the carpark of St. Virgil (Ernst-Grein-Straße 14, 5026 Salzburg; Tel. +43-662-65901-516) for departure at 8.30 a.m. sharp.
- Buffet lunch will be arranged at the Reinthal- inn (Tel+43-6223-20 300) at Anthering after visiting the Anthering section.
- Route: Salzburg (St. Virgil) – Fürstenbrunn – Anthering – Acharting – St. Pankraz – Salzburg (St. Virgil)
- Accomodation at Salzburg has to be arranged by the participants.



Figure A1.1 ▲
View from Heuberg to north

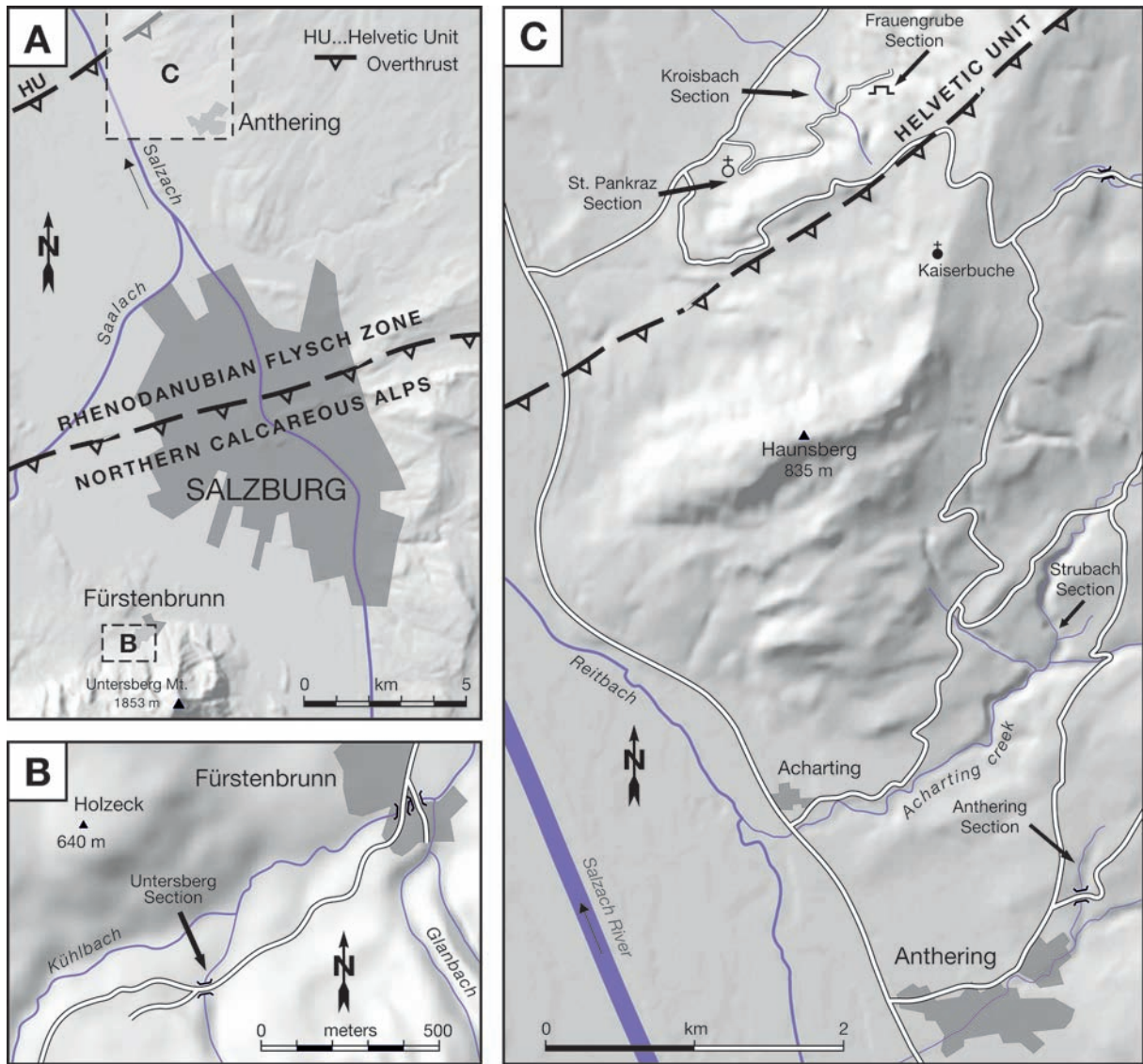


Figure A1.2 ▲
Route maps for Field Trip A1