

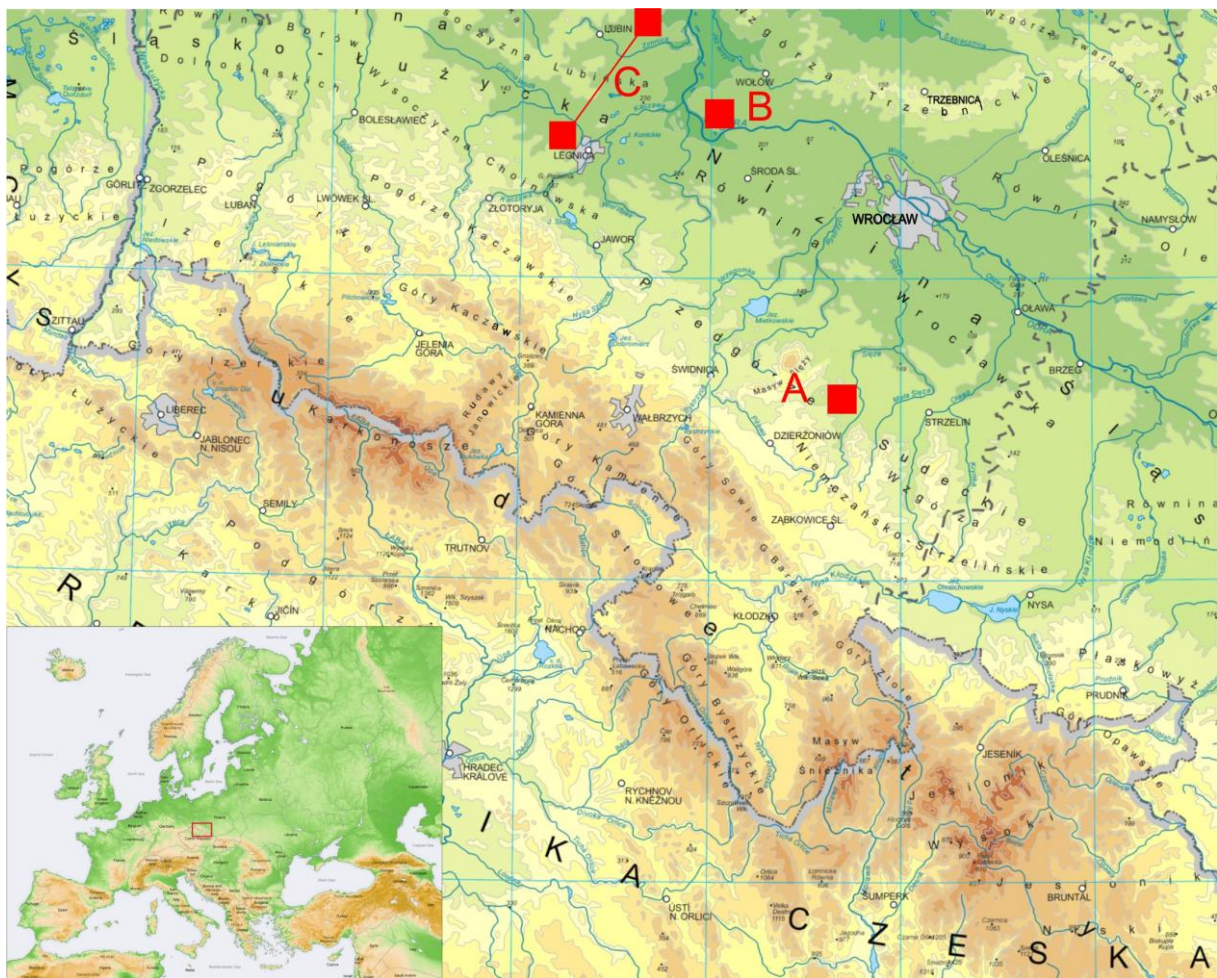
29. CONGRESS OF THE POLISH SOIL SCIENCE SOCIETY (PTG), WROCLAW 2015

ONE-DAY MID-CONFERENCE FIELD SESSIONS, 02/09/2015

Excursion „A”: Black earths of the Silesian Lowland

Excursion „B”: Transformation of alluvial soils and forest habitats in the Odra valley

Excursion C”: Degradation and protection of soils influenced by copper mining and smelting in the Legnica-Głogów industrial area



EXCURSION „A”: BLACK EARTHS OF THE SILESIAN LOWLAND

During the field session, a 1 km-long toposequence of the following soils developed from loess will be presented: Mollic Gleysols, Gleyic/Stagnic Phaeozems, Chernozmes, and Luvisols (soil names according to FAO-WRB 2014 classification). The main topic of the session will be a discussion on the origin and age of the chernozemic soils in Poland and all Central Europe. Moreover, an agricultural evaluation of the Silesian black earths will be highlighted and the need of their protection justified by serious current threats from urbanization and industry.

Afternoon attraction of the excursion is a visit in the castle Topacz near Wrocław, where an open-air car museum was recently open. The passionate owners have collected over 100 Polish motorcycles and cars produced in the 20's and 30's of the XX century and in the period of PRL (Peoples Republic of Poland). Moreover, the largest Polish collection of Rolls Royce & Bentley is presented.

