

## Systematic revision of the fossil cerambycids from Geiseltal (Coleoptera Cerambycidae)

Francesco VITALI

**Summary** - The fossil cerambycid species from Geiseltal (Sachsen-Anhalt, Germany, Middle Eocene) are analysed. *Xyleoconites proavus* Haupt, 1950, is transferred from Prioninae *incertae sedis* to Prioninae Macrotomini, while *Eocallidium rugulosus* HAUPT, 1950, corrected in *Eocallidium rugulosum* HAUPT, 1950, is transferred to Tenebrionidae.

**Zusammenfassung** - Die fossilen Bockkäferarten von Geiseltal (Sachsen-Anhalt, Mitteleozän) werden analysiert. *Xyleoconites proavus* Haupt, 1950 wird von Prioninae *incertae sedis* zur Prioninae Macrotomini versetzt. *Eocallidium rugulosus* Haupt, 1950 wird in *Eocallidium rugulosum* HAUPT, 1950 geändert und zur Familie Tenebrionidae versetzt.

**Key-words** - Coleoptera, Cerambycidae, Tenebrionidae, *Xyleoconites*, *Eocallidium*, fossil, Geiseltal, Germany, Eocene, systematics.

### Introduction

The Geiseltal fauna is based on the findings coming from the brown-coal mine located in the valley of the Geisel River between Mücheln and Frankleben (Sachsen-Anhalt, Germany).

The activity of this mine, once one of the biggest of the region, began in the middle of the 19<sup>th</sup> century and reached an economical importance at the beginning of the 20<sup>th</sup> century, allowing the development of related industries. The world-wide fame as fossiliferous locality occurred in 1933, when the first complete skeleton of a primitive horse, namely *Propalaeotherium isselanum* (Cuvier, 1824), was discovered. The mine, currently closed and covered by an artificial lake, furnished several fossils vertebrates, insects and plants dating back to Middle-Eocene, all preserved at the Geiseltalmuseum, Halle (Germany).

The beetles were studied by PONGRÁCZ (1935) and later by HAUPT (1950). The former author doubtfully mentioned the presence of some cerambycids, which the latter author described as *Eosagra* Haupt, 1950 (Chrysomelidae). HAUPT also provided the descriptions of two new cerambycid species belonging to genera instituted by him. Later, HAUPT (1956) described other arthropods from Geiseltal but he did not mention cerambycids. More recently, WEIDLICH (1987) provided a