

## Taxonomic, biological and evolutionistic notes on the Spondylidinae included in Baltic amber (Coleoptera, Cerambycidae)

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**Summary** - The fossil Spondylidinae described so far in Baltic amber are analysed. *Nothorrhina granulicollis* Zang, 1905 is corrected in *Nothorrhina granulicollis* Zang, 1905. The genus *Palaeoasemum* Abdullah, 1967 is recognised as a younger synonym of *Nothorrhina* Redtenbacher, 1845. *Palaeoasemum crowsoni* Abdullah, 1967 and *Palaeoasemum duffyi* Abdullah, 1967 are recognised as younger synonyms of *Nothorrhina granulicollis* Zang, 1905. *Spondylis crassicornis* Giebel, 1856, whose holotype is lost, must be considered as Cerambycidae *incertae sedis*. The biology, the geonomy and the palaeohistory of *N. granulicollis* are here proposed in relationship with those of the extant congeners.

**Zusammenfassung** - Die fossilen, von baltischem Bernstein beschriebenen Spondylidinae werden analysiert. *Nothorrhina granulicollis* Zang, 1905 wird in *Nothorrhina granulicollis* Zang, 1905 geändert. Die Gattung *Palaeoasemum* Abdullah, 1967 wird als jüngeres Synonym von *Nothorrhina* Redtenbacher, 1845 erkannt. *Palaeoasemum crowsoni* Abdullah, 1967 und *Palaeoasemum duffyi* Abdullah, 1967 werden als jüngere Synonyme von *Nothorrhina granulicollis* Zang, 1905 erkannt. *Spondylis crassicornis* Giebel, 1856, dessen Holotypus heute als verschollen gilt, muss als Cerambycidae *incertae sedis* betrachten werden. Die Biologie, die Geonomie und die Urgeschichte von *N. granulicollis* werden in Beziehung mit den der rezenten verwandten Arten vorgeschlagen.

**Key-words** - Coleoptera, Cerambycidae, Spondylidinae, Asemini, *Nothorrhina*, *Palaeoasemum*, *Spondylis*, fossil, Baltic Amber, Eocene, taxonomy, biology, geonomy, evolution.

### Introduction

The presence in Baltic amber of species belonging to the subfamily Spondylidinae has been known for a long time. Firstly, GIEBEL (1856) described *Spondylis crassicornis*. Later, SCUDDER (1885) cited and drew a *Spondylis*-larva. HELM (1886) listed an unidentified *Nothorrhina*-species closely related to the extant *N. muricata* (Dalman, 1817). This record was later quoted by HELM (1896) and HANDLIRSCH (1907). ZANG (1905) described *Nothorrhina granulicollis* using five