

## New Early Jurassic sawflies from Luxembourg : the oldest record of Tenthredinoidea (Hymenoptera: 'Symphyta')

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*Pseudoxyelocerus bascharagensis* gen. et sp. nov., the oldest representative of the Tenthredinoidea and Xyelotomidae, based on a single forewing, and an enigmatic 'Symphyta' family *incertae sedis*, based on a hindwing, are described from the Toarcian of Luxembourg. The relationships of the genera currently included in Xyelotomidae are briefly discussed. The genera *Undatoma*, *Liaotoma*, *Leridatoma*, and *Davidsmithia* have the unique apomorphy in the wing venation of the Tenthredinoidea minus Xyelotomidae. The Xyelotomidae is probably a paraphyletic family. Only a phylogenetic analysis will help to solve these problems. There is no evidence supporting the previous assignments of the fossil genera *Vitimilarva* and *Kuengilarva* to the family Xyelotomidae.

**Key words:** Hymenoptera, Tenthredinoidea, Xyelotomidae, *Pseudoxyelocerus*, Toarcian, Luxembourg.

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