



Four new taxa for the Blagoevgrad Graben palaeoflora (SW Bulgaria)

Четири нови таксона за палеофората от Благоевградския грабен (ЮЗ България)

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Introduction

During field

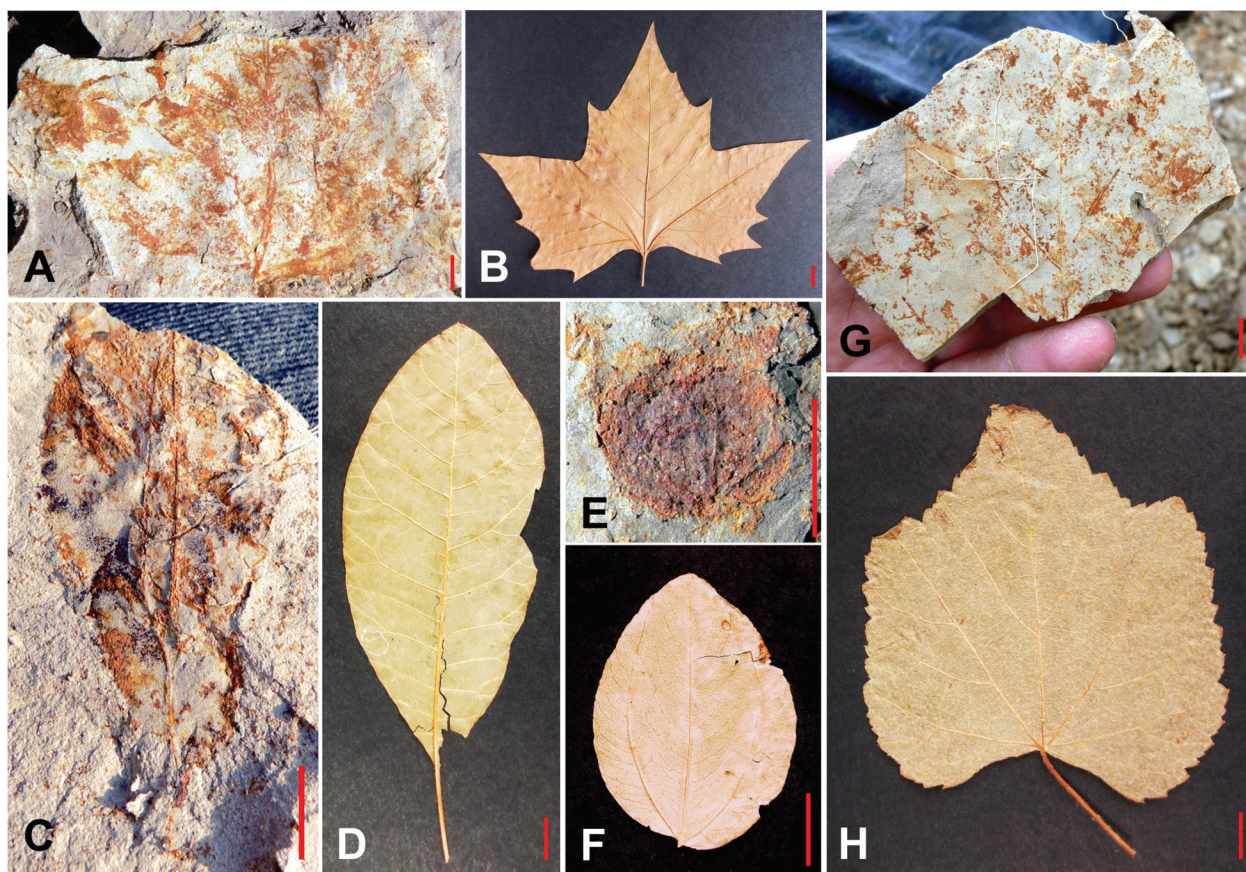


Fig. 1. Plant material: **A**, *Platanus platanifolia* (Ett.) Knobl.; **B**, *P. occidentalis* L.; **C**, *Cotynus coggygia* (L.) Scop. foss.; **D**, *C. coggygia* (L.) Scop.; **E**, *Paliurus spina-christi* Mill. foss.; **F**, *P. spina-christi* Mill.; **G**, *Vitis sylvestris* C.C. Gmel. foss.; **H**, *V. sylvestris* C.C. Gmel. Scale bar 1 cm.

the Blagoevgrad Graben paleoflora. However the number of the taxa with such a broad stratigraphic distribution is limited. The presence of *Platanus platanifolia* in the fossil macro flora of Boboshevo is very interesting due to the fact that the nearest living relatives of this taxon include both the typical representative of the Balkan flora *P. orientalis* L. and *P. occidentalis* L., which is widespread in the southeastern parts of the North American continent.

The newly discovered inside the sediments of the Pokrovnik formation four new taxa once again support the idea that the age of this formation is more likely to be Pontian–Dacian.

Conclusions

The four new taxa found *in situ* inside the sediments of Pokrovnik Formation near the town of Boboshevo (Blagoevgrad Graben) increase the number of the common species between Boboshevo paleoflora and the Garmen paleoflora. Furthermore the newly discovered taxa once more support the

proposed by Ivanov and Bozukov (20

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