

New lissamphibians and squamates from the Maastrichtian of Hațeg Basin, Romania

Annelise Folie and Vlad Codrea

Acta Palaeontologica Polonica 50 (1), 2005: 57-71

Numerous remains of amphibians and squamates were discovered in the continental sediments of the Maastrichtian Sânpetru Formation, south of Pui Village (Hațeg Basin, western Romania). The lissamphibians are represented by a salamander-like allocaudatan (*Albanerpeton* sp.) and at least two discoglossid frogs (cf. *Eodiscoglossus* sp. and cf. *Paradiscoglossus* sp.). The numerous lizards are represented by, e.g., the teiid *Bicuspidon hatzei* sp. nov., and for the first time in a Late Cretaceous site, by two species of the paramacellodid *Becklesius* (*Becklesius nopcsai* sp. nov. and *Becklesius* cf. *B. hoffstetteri*). Snakes are also present in this site by an indeterminate madtsoiid, which represents the first occurrence of this family in eastern Europe. The presence of *Albanerpeton* in this site confirms that this genus appeared in Europe by at least the Late Cretaceous instead of Miocene as previously thought. The presence of both *Albanerpeton* and *Bicuspidon* in Hațeg Basin suggests a North American influence on eastern European amphibian and lacertilian faunas by Maastrichtian times.

Key words: Allocaudata, Anura, Lacertilia, Serpentes, palaeobiogeography, Maastrichtian, Romania.

Annelise Folie [annelise.folie@naturalsciences.be], F.R.I.A. grant holder, Department of Palaeontology, Royal Belgian Institute of Natural Sciences, rue Vautier 29, B-1000 Brussels, Belgium (corresponding author); Vlad Codrea [vcodrea@bioge.ubbcluj.ro], Catedra de Geologie–Paleontologie, Universitatea Babeș–Bolyai, Str. Kogălniceanu 1, 3400 Cluj–Napoca, Romania.

This is an open-access article distributed under the terms of the Creative Commons Attribution License (for details please see creativecommons.org), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

 [Full text \(582.4 kB\)](#)