

## A basal eucryptodiran turtle '*Sinemys*' *efremovi* (= *Wuguia efremovi*) from the Early Cretaceous of China

Igor G. Danilov and Vladimir B. Sukhanov  
*Acta Palaeontologica Polonica* 51 (1), 2006: 105-110

A reexamination of the type material (two specimens considered for a long time lost) of the poorly known turtle '*Sinemys*' *efremovi* Khosatzky, 1996 from the Early Cretaceous Tugulu Group of northwest China, allows us to present new observations, images, and taxonomic conclusions about these important specimens. We conclude that: (1) '*S.*' *efremovi* is referable to the basal eucryptodire genus *Wuguia* Matzke, Maisch, Pfretzschner, Sun, and Stöhr, 2004 based on a small size (up to 150 mm in shell length), absence of the nuchal emargination, presence of additional ossifications in the suprapygal region of the carapace and similar plastral proportions with relatively long bridges (35-45% of the plastron width), and a narrow and elongated posterior lobe; (2) '*S.*' *efremovi* is a senior subjective synonym of *Dracochelys wimani* Maisch, Matzke, and Sun, 2003, another species recently described from the Tugulu Group. As construed here, *Wuguia* includes two species: *W. efremovi* (Khosatzky, 1996) and *W. hutubeiensis* Matzke, Maisch, Pfretzschner, Sun, and Stöhr, 2004. New diagnoses for these taxa are given.

**Key words:** Testudines, Eucryptodira, Macrobaenidae, *Sinemys*, *Wuguia*, Cretaceous, Tugulu Group, Junggar Basin, China.

Igor G. Danilov [dig@mail333.com](mailto:dig@mail333.com), Department of Herpetology, Zoological Institute, Russian Academy of Sciences, Universitetskaya Emb. 1, 199034, St. Petersburg, Russia ; Vladimir B. Sukhanov, Paleontological Institute, Russian Academy of Sciences, Profsoyuznaya 123, 117997, Moscow, Russia.

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

 [Full text \(368.5 kB\)](#)