

Evidence of a new carcharodontosaurid from the Upper Cretaceous of Morocco

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We report an isolated frontal of a large-bodied theropod from the Cenomanian “Kem Kem beds” of Morocco with an unusual morphology that we refer to a new carcharodontosaurid distinct from the sympatric *Carcharodontosaurus*. The specimen shows a unique combination of plesiomorphic and potentially autapomorphic features: very thick and broad bone with a complex saddle-shaped dorsal surface, and a narrow vertical lamina between the prefrontal and lacrimal facets. This study supports the hypothesis that a fourth large theropod was present in the Cenomanian of Morocco together with *Carcharodontosaurus*, *Deltadromeus*, and *Spinosaurus*.

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