

## Evidence of a new carcharodontosaurid from the Upper Cretaceous of Morocco

Andrea Cau, Fabio Marco Dalla Vecchia, and Matteo Fabbri

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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 an 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*.

Andrea Cau [[cauand@gmail.com](mailto:cauand@gmail.com)], Museo Geologico “Giovanni Capellini”, Via Zamboni 63, I- 40127 Bologna, Italy; Fabio M. Dalla Vecchia [[fabio.dallavecchia@icp.cat](mailto:fabio.dallavecchia@icp.cat)], Institut Catalá de Paleontologia “M. Crusafont”, C/ Escola Industrial 23, E-08201 Sabadell, Spain; Matteo Fabbri [[paleomatteo@gmail.com](mailto:paleomatteo@gmail.com)], Dipartimento di Scienze della Terra, Università degli Studi di Firenze, Via La Pira 4, I-50121 Firenze, Italy.

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