

An occurrence of fossil eggs from the Mesozoic of Madagascar and a detailed
observation of eggshell microstructure

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INTRODUCTION

The following file is a video of computed tomographic (CT) data of a Late Cretaceous (Campanian) turtle egg (PIMUZ lab#2012.IW30) from the Morondava basin, Madagascar.

METHODS

CT scans were performed with a GE Phoenix v | tome | x CT-scanner at the Anthropologisches Institut der Universität Tübingen, Germany with a resolution of 50 μm .

RESULTS

No evidence of embryonic remains are found inside the egg, suggesting that the eggs were either infertile or termination of embryonic development occurred prior to ossification of the skeleton.