

Accepted Manuscript

A new decapod crustacean assemblage from the lower Aptian of La Cova del Vidre (Baix Ebre, province of Tarragona, Catalonia)

Àlex Ossó, Barry van Bakel, Fernando Ari Ferratges-Kwekel, Josep Anton Moreno-Bedmar



PII: S0195-6671(17)30554-2

DOI: [10.1016/j.cretres.2018.07.011](https://doi.org/10.1016/j.cretres.2018.07.011)

Reference: YCRES 3924

To appear in: *Cretaceous Research*

Received Date: 27 December 2017

Revised Date: 11 June 2018

Accepted Date: 19 July 2018

Please cite this article as: Ossó, À., van Bakel, B., Ferratges-Kwekel, F.A., Moreno-Bedmar, J.A., A new decapod crustacean assemblage from the lower Aptian of La Cova del Vidre (Baix Ebre, province of Tarragona, Catalonia), *Cretaceous Research* (2018), doi: 10.1016/j.cretres.2018.07.011.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**A new decapod crustacean assemblage from the lower Aptian of La Cova del Vidre
(Baix Ebre, province of Tarragona, Catalonia)**

Àlex Ossó ^a, Barry van Bakel ^b, Fernando Ari Ferratges-Kwekel ^c, Josep Anton Moreno-
Bedmar ^{d,*}

^a Llorenç de Vilallonga, 17B, 1er-1^a. 43007 Tarragona, Catalonia

^b Oertijdmuseum, Bosscheweg 80, 5283 WB Boxtel, the Netherlands

^c Área de Paleontología, Departamento de Ciencias de la Tierra, Universidad de Zaragoza, Zaragoza, Spain

^d Instituto de Geología, Universidad Nacional Autónoma de México, Ciudad Universitaria, Coyoacán, Ciudad de
México, 04510 Mexico

* Corresponding author.

E-mail address: josepamb@geologia.unam.mx (J.A. Moreno-Bedmar).

A B S T R A C T

During fieldwork in a small outcrop of the lower Aptian Margas de Forcall Formation at La Cova del Vidre, hitherto known as the type locality of the anomuran *Pagurus avellanedai*, new decapod crustacean material has been recovered. In this newly recovered lot, two undescribed species of brachyuran have been recognised; there are here described as *Rathbunopon tarraconensis* and *Pithonoton lluismariaorum*. In addition, numerous remains of the anomuran *P. avellanedai*, enable an improvement of the original description of this taxon, and an analysis of associated ammonites from La Cova del Vidre has resulted in precise age calibration for the first time.

Keywords:

Download English Version:

<https://daneshyari.com/en/article/8916141>

Download Persian Version:

<https://daneshyari.com/article/8916141>

[Daneshyari.com](https://daneshyari.com)