



# 3rd Palaeontological Virtual Congress

**Book of Abstracts**

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### **3<sup>rd</sup> Palaeontological Virtual Congress**

#### **Book of Abstracts**

#### **Palaeontology in the virtual era**

From an original idea of Vicente D. Crespo

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# **Book of Abstracts**



## ORNITHOPOD DINOSAUR REMAINS FROM THE PAPO-SECO FORMATION – LUSITANIAN BASIN, PORTUGAL

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Ornithopod remains are reported from the Papo-Seco Formation, at Cabo Espichel area (Sesimbra County), in western central Portugal, south of Lisbon. The material was collected in three palaeontological sites: Boca do Chapim, Areia do Mastro and Praia do Guincho. Vertebrate fossils from Cabo Espichel are known since the 19<sup>th</sup> century. Dinosaur and crocodile teeth were first reported from the Papo-Seco Formation at Boca do Chapim. Later, turtle remains and crocodile teeth and bones, as well as dinosaur remains have also been described. In Boca do Chapim, several ornithopods remains have been found. In the Areia do Mastro locality, vertebrate remains, including fishes, crocodyliforms, pterosaurs and dinosaurs (*Baryonyx* sp., *Mantellisaurus*, Iguanodontidae indet. and Sauropoda indet.) have been described. At Praia do Guincho site, a natural cast of an ornithopod footprint has been discovered. The fossils of the Papo-Seco Formation (lower Barremian, Lower Cretaceous) are found in limestones, marls and sandstones. They occur in a succession interpreted to have originated in a carbonate lagoon environment. We present new remains and the review of ornithopod already described from the Papo-Seco Formation. The reanalysed materials are referred to Ornithopoda indet., Ankylopollexia indet., Styrcosterna indet., Iguanodontidae and *Mantellisaurus* sp.