

The new sauropod from Spain: *Galveosaurus* or *Galvesaurus*?

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Abstract

On August 11th, 2005 I published a paper in which I described a new genus and species of sauropod dinosaur from the Upper Jurassic-Lower Cretaceous of Galve, Spain: *Galveosaurus herreroi*. Unfortunately, four months later, a second paper based on the same dinosaur remains was published by different authors. In this second paper, the authors gave the specimens a similar binomial name to the name I gave (with a difference of one letter, an “o”): *Galvesaurus herreroi*. In that paper, available on-line in pdf format from January 2006, the authors not only ignored my work, but they included a publication date: 1st July, 2005. Nevertheless, the article is included in the issue 15th of July-December, as could be read in every page of that work. The issue was published on 18th December 2005, but according to the ICZN code (articles 21 and 23), the date of publication of the Barco *et al.* (2005) paper should be considered as December 31st, 2005 and based on the Principle of Priority, the name *Galveosaurus herreroi* Sánchez-Hernández, 2005 has priority and *Galvesaurus herreroi* Barco, Canudo, Cuenca-Bescós and Ruíz-Omeñaca, 2005 should be considered as a junior synonym of the former and therefore, an invalid name.

Key words: Sauropoda, *Galveosaurus herreroi*, Galve, Spain

Introduction

By an interesting coincidence, a case of objective synonymy has arisen. In two papers published recently, Sánchez-Hernández (2005) named a new sauropod dinosaur from Galve in NE Spain as *Galveosaurus herreroi*, while Barco *et al.* (2005) gave a similar name, *Galvesaurus herreroi*, to a similar dinosaur, also from Galve in NE Spain.

The first issue is whether the dinosaur is one and the same animal, before seeking to determine priority between the two names and sets of authors.

Examination of both papers shows that the new names are based on the same holotype material (Table 1), deposited in the Museo Paleontológico de Galve. Additional material