

## The Type specimen of *Iberolacerta bonnali* is stored in the Natural History Museum, London

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Salvador Carranza had the opportunity to see some *Iberolacerta* types in their original collection jars: 1.- BMNH 85.12.30.15, the Lectotype of *Iberolacerta monticola* from Serra da Estrela, Portugal; 2.- BMNH 1946.9.1.18, a former type of *I. monticola* from Spain, now discarded as a type because it is, in fact, a *I. cyreni* (see Arribas, 2008 for the *monticola* typification and the identity of the two Boulenger's types); 3.- BMNH 1946.9.19-22, four paratypes of *I. bonnali* from Lac Bleu de Bigorre, France; and 4.- BMNH 1947.1.1.19, the type of *I. bonnali* from Lac Bleu de Bigorre, France.

Until now, the situation of the *I. bonnali* type series was the described in Arribas (2000):

*“In his original description based on specimens stored in the Collection L. A. Lantz (storage place unknown), Lantz (1927) did not designate a particular type specimen out of 17 specimens available to him; however, he depicted one of them as 'Type' Collection L A Lantz no 1209 R”; Lantz 1927: page 60 figs. 2 and 4).*

*The only specimen of LANTZ'S original material that could be traced (treated as syntype by Brygoo, 1988) is MNHN (Museum national d'Histoire naturelle, Paris) 8530: La 52; Lac Bleu de Bigorre (1960 m); leg Bonnal [(f igs 6 and 7 in Arribas, 2000). This MNHN specimen should be considered as lectotype of the species.”*

Despite searching for Lantz's types in Goteborg, Paris and Saint Petersburg, it was impossible to find them. Moreover, being posterior to the syntheses of Boulenger (1905, 1920, 1921), their presence in the Natural History Museum, London passed unnoticed.

However, the true type of *I. bonnali* still exists and is stored together with four paratypes in the Natural History Museum, London. Hence, the Paris specimen shall be considered simply as a Paratype, and another 11 paratypes remain lost. The type specimen [BMNH 1947.1.1.19] is a male with intact tail and dissected hemipenis. It is kept alone in a jar with labels (Fig. 1a,b,c). In another jar are preserved several paratypes of *I. bonnali* (Fig.1d).

REFERENCES

**ARRIBAS, O.J. (2000):** Taxonomic revision of the Iberian “Archaeolacertae” III: Diagnosis, morphology, and geographic variation of *Iberolacerta bonnali* (Lantz, 1927). *Herpetozoa*, Wien 13 (3/4): 99-131.

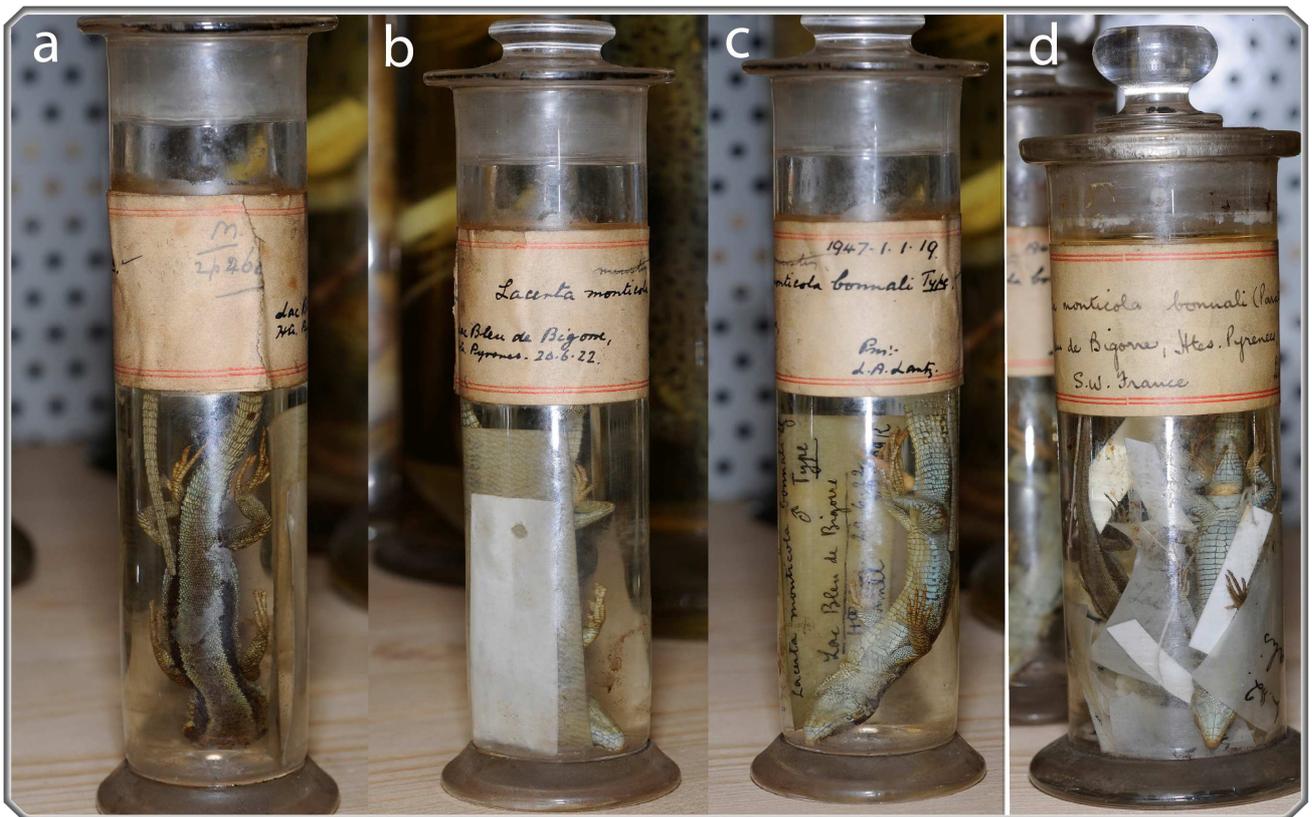
**ARRIBAS, O.J. (2008):** Comments about the original description and type specimens of *Iberolacerta monticola* (BOULENGER, 1905). *Herpetozoa* 21 (1/2): 94-95.

**BOULENGER, G.A. (1905):** A contribution to our knowledge of the varieties of the wall lizard (*Lacerta muralis*). *Transactions of the Zoological Society of London*, 17, 351-437 + 8 plates.

**BOULENGER, G.A. (1920):** *Monograph of the Lacertidae*. Vol 1. British Museum Natural History. London, UK. pp 352.

**BOULENGER, G.A. (1921):** *Monograph of the Lacertidae*. Vol 2. British Museum Natural History. London, UK. pp 451.

**LANTZ, L. A.(1927):** Quelques observations nouvelles sur l'herpetologie des Pyrenees centrales. *Rev. Hist. Nat Appl*, Paris; 8: 54-61.



**Figure 1:** Three views of the jar that stores the type specimen of *I. bonnali* (a, b and c), and a picture of the jar that contains the paratypes (d). The jar that contains the type specimen has labels visible inside: “Lacerta monticola bonnali Lantz, Male (symbol), Type (underlined). Lac Bleu de Bigorre. Htes. Pyrenees; 20. 6. 1922; Partially hidden numbers in the photo by the leg and hemipenis dissected, among parentheses, the original Lantz’s collection number: “(12)09 R”. The external label, attached to the jar, shows similar information and the museum collection number.