

# A comparison of the size of the urinary bladder of two south american anurans of different habitat

Espina, Sonia

Rojas, Mireya

1. 1. A comparison is made between the urinary bladder capacities of two South American anurans, the fully aquatic *Calyptocephalella caudiverbera* and the fully terrestrial toad *Bufo arunco*. 2. 2. They have a urinary bladder capacity of 8 and 11 per cent of their body volume. 3. 3. The urinary bladder area is 18 and 23 per cent of the body surface area respectively. 4. 4. The possible evolutionary value of the data is discussed. © 1972.