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First record of *Algyroides nigropunctatus* (Duméril & Bibron, 1839) from Crete

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RESUMEN: se describe el hallazgo de varios individuos de *Algyroides nigropunctatus* en La Canea (oeste de la isla de Creta). A pesar de que esta especie ha sido descrita como alloctona anteriormente en otros enclaves, este es el primer registro fuera de Europa continental, muy alejado de su rango de distribución natural.

The Dalmatian *Algyroides* (*Algyroides nigropunctatus* [Duméril & Bibron, 1839]), commonly known as the blue-throated keeled lizard, is a small diurnal lizard adapted to shaded and humid habitats, a crucial ecological trait responsible for its natural distribution across the Balkans (Bischoff, 1981; Carneiro et al., 2017; Speybroeck et al., 2016). It is the most widely distribu-

ted species of the genus, occurring along the east Adriatic coast from northeast Italy to southern Greece, including many islands of the Adriatic and Ionian Seas (Sillero et al., 2014; Speybroeck et al., 2016). In the last years, new local records of this species have increased its natural distribution range (Bringsøe, 1995; Ajtić et al., 2005; Andriopoulos & Pafilis, 2016). In con-



Figure 1: Adult male of *Algyrodes nigropunctatus* found in the Kiprou Defensive Wall of Chania.

Figura 1: Macho adulto de *Algyrodes nigropunctatus* encontrado en la Muralla Defensiva de La Canea.

tinental Greece, *A. nigropunctatus* is restricted to the western region of the country, from the border with Albania to the Gulf of Corinth, east of the Pindos mountains, which are responsible for the humid climate of western Greece (Kotini-Zabaka, 1983; Speybroeck *et al.*, 2016). Its insular distribution in Greece includes most of the Ionian Islands and the Diapontia Islets (Chondropoulos, 1986; Speybroeck *et al.*, 2016).

On June 9th 2023, while carrying out field-work in Crete, we found four individuals of *Algyrodes nigropunctatus* near the harbour of the Old City of Chania ($35^{\circ}31'02,8''N$ / $24^{\circ}01'26,8''E$; Figure 1). In the absence of genetic evidence, the blue throat and orange belly suggests its adscription to the nominal subspecies *A. n. nigropunctatus* (Badiane *et al.*, 2018; Strachinis *et al.*, 2021). Over the course of just a few minutes we spotted two adults and two juveniles basking in the Kiprou Defensive Wall near the Theatre Parking, which is surrounded by a vegetation patch of ca. 1,15 ha. We could not spend time searching for animals in the wall or exploring the vegetated area behind, but given the ease with which we found them, we suspect lizards may be abundant at this location.

Algyrodes nigropunctatus as an introduced species has also been reported in south-eastern Italy and in the city of Athens (Carlino & Pauwells, 2016; Deimezis-Tsikoutas *et al.*, 2020). However, this is the first record of this species outside continental Europe, quite far from its natural distribution range. We hypothesize that its introduction, given its proximity to the harbour of Chania, may have resulted from sea transport. Maybe the historical relationship with venetians, who developed the fortification of the city, could also explain the presence of the species. Further prospecting is needed to assess the viability of this population and its distribution across the island, as well as a molecular analysis to determine its origin.

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Advertisement call, general distribution, and range extension of *Leptodactylus notoaktites* (Anura, Leptodactylidae) to the State of Rio de Janeiro, Brazil

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RESUMEN: *Leptodactylus notoaktites* es una rana de tamaño moderado perteneciente al grupo *L. fuscus*. La especie se encuentra en el sureste y sur de Brasil y solo se conocía en los estados de São Paulo, Paraná y Santa Catarina. En este artículo, presentamos la distribución general actualizada y la primera aparición geográfica de la especie en un ambiente puntual y amenazado en el estado de Río de Janeiro. Se describe la llamada de anuncio de la especie.

Leptodactylusnotoaktites Heyer, 1978 (Anura, Leptodactylidae) was known to occur, until now, only in the states of São Paulo, Paraná,

and Santa Catarina (Figueiredo et al., 2018); its type locality is in the Municipality of Iporanga, State of São Paulo, Brazil (Heyer, 1978, Frost,