

PSEUDOEURYCEA JAGUAR (PLETHODONTIDAE)

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Pseudoeurycea jaguar is a relatively large salamander that inhabits pine-oak forest, cloud forest and coniferous forest between 2,181–2,775 m a.s.l. in the states of Veracruz and Puebla (Peralta-Hernández, 2023; Peralta Hernández et al., 2024). It is primarily arboreal but can also be found in caves or on the ground (Cázares-Hernández et al., 2022; Peralta-Hernández, 2023). Here I report a new locality of the species, as well as the highest elevational record known.

México: Puebla: Municipality of Ajalpan: Cuabcapula (18.41783° N, 96.99352° W; WGS 84, 2,433 m a.s.l.), 16 June 2024. An individual (Fig. 1A; MZFC-HE-IMG221) was found on a cloudy day at 12:20 h under the bark of a fallen log in a site with disturbed pine-oak forest. First record for municipality of Ajalpan and second for the state of Puebla, located ca. 14.8 km

northwest (by air) from the closest previously known record from Cerro Tsitsintepetl, Municipality of Coyomeapan, Puebla (Peralta-Hernández et al., 2024). Additionally, I found another specimen (Fig. 1B; MZFC-HE-IMG222) on Cerro Tiststintepetl, Coyomeapan, Puebla (18.28831° N, 96.92123° W; WGS 84, 2,890 m a.s.l.) on 1 November 2024 at 12:15 h under a fallen log, exceeding the previously reported upper elevation for the species by 115 m (Peralta-Hernández et al., 2024). Another record in Puebla appears in iNaturalist (<https://www.inaturalist.org/observations/15374702>), however, because its precise location is not available and because it is found at a lower elevation (about 600 m below) than that where *P. jaguar* has been reported, it was not taken into account as the previous state record or as the closest record.



Figure 1. Especímenes de *Pseudoeurycea jaguar* reportados aquí para localidades en Puebla: (A) Especímen observado en Cuabcapula, Ajalpan, Puebla, (B) Especímen observado en Cerro Tsitsintepetl, Coyomeapan, Puebla. Foto: Rafael Peralta Hernández.

Figura 1. Specimens of *Pseudoeurycea jaguar* reported here for localities in Puebla: (A) Specimen observed in Cuabcapula, Ajalpan, Puebla, (B) Specimen observed in Cerro Tsitsintepetl, Coyomeapan, Puebla. Photo: Rafael Peralta Hernández.

Identification was based on dorsal coloration with irregular yellow specks on a dark brown, almost black background, large body and the presence of long limbs and wide feet, which is consistent with the original description (Cázares-Hernández et al., 2022). The specimens were photographed and a photo of each one was deposited in the herpetological collection of the Museo de Zoología Alfonso L. Herrera, Facultad de ciencias, UNAM. The identity of the specimens was corroborated by Sean Rovito.

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