

On 21 February 2022 at 1245 h, while searching for *Aneides iecanus*, NM and QC encountered an adult *H. wintu* under a rock in a small cave in the Potter Creek drainage in Shasta County, California (420 m elev.). It tucked its legs and tail into its body in somewhat of a circular coiled position and subsequently rolled away from us down the slanted floor of the cave, coming to a stop in a flat section ca. 2 m away. After it reached the bottom, it remained in the coil for a few seconds and appeared unharmed. Both *H. brunus* and *H. wintu* frequent talus and steep slopes, not unlike *H. platycephalus*, and the rolling behavior might allow escape from predators.

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**HYNOBIUS NOTIALIS (Southern Korean Salamander). BEHAVIOR.** *Hynobius notialis* is a recently described hynobiid salamander endemic to the southern Korean Peninsula, ranging from the foothills of Jiri Mountain and Haman to the north and Gwangyang and Masan to the south (Borzée and Min 2021. Animals 11:187). As with most newly described species, the ecology and behavior of the species are poorly known.

At 1549 h on 27 February 2020, we found an adult pair of *H. notialis* on the tributary of Yeongocheon River in Goseong, Republic of Korea (35.09862°N, 128.20792°E; WGS 84; 57 m elev.) during an amphibian survey. The stream was ca. 0.5 m wide, and the depth of the area of observation was 9 cm with a decomposing grass substrate. We observed a female *H. notialis* taking a defensive posture similar to that observed in congeneric *H. leechii* (Lee and Park 2016. The Encyclopedia



FIG. 1. An adult *Hynobius notialis* exhibiting defensive behaviors at a small stream in Goseong, Gyeongsangnam-do, Republic of Korea.

of Korean Amphibians. Checklist of Organisms in Korea 17, Econature Publishing, Seoul, South Korea. 248 pp.). Upon contact, the observed individual lifted and arched its tail to the left while simultaneously bending it downward (Fig. 1). While the defensive behaviors of *H. notialis* have not been previously documented, our observation suggests a close similarity to other congeneric species with similar ecologies (Lee and Park 2016, *op. cit.*). The observation made in this study was conducted under strict compliance with all relevant regulations.

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**LISSOTRITON HELVETICUS (Palmate Newt). TAIL BIFURCATION.** *Lissotriton helveticus* is a widespread newt species in Western Europe, distributed from the Iberian Peninsula to as far north as Scotland (Speybroeck et al. 2016. Field Guide to the Reptiles and Amphibians of Britain and Europe. Bloomsbury Publishing, London, UK. 432 pp.). It is known to inhabit soft water ponds with abundant vegetation and is often found in anthropogenic environments such as golf courses and farms (Cooke and Frazer 1976. J. Zool. 178:223–236; James and Gardner 2009. Stud. Fen. Hist. 16:161–170; Boissinot et al. 2019 Agri. Ecosyst. Environ. 269:51–61).

On 7 February 2022 at 2103 h, we found an adult *L. helveticus* in a golf course pond in Three Crosses, Gower Peninsula, South Wales (51.63309°S, 4.06695°W; WGS 84). Upon capture, we noticed that the individual's tail was evenly bifurcated ca. 3 mm from the tip (Fig. 1). There was no sign of blood or other attributes that would suggest a fresh wound. We believe our observation is only the second published record of tail bifurcation in adult *L. helveticus* and the first such report from Britain.



FIG. 1. A bifurcated tail on an adult *Lissotriton helveticus* from Three Crosses, United Kingdom.