Death-feigning or thanatosis (tonic immobility; TI) is one of the lesser-recognized defensive strategies of prey species following detection or physical contact with potential predators (Humphreys and Ruxton 2018). The first observation of death-feigning behavior by snakes in Nepal was documented by Bhattarai et al. (2017) in the Burmese Python (Python bivittatus) from Chitwan Park in central Nepal. Subsequently, observations of such behavior were reported in the Copper-headed Trinket Snake for the first time (on three distinct occasions) from Kaski District by Giri et al. (2020). Herein, we report an observation of death-feigning in the Twin-spotted Wolfsnake (Lycodon jara) from Nepal, which is the first documentation of this behavior in the species and the genus Lycodon from Nepal and the third documentation from the ophidiofauna of Nepal.

An observation of death-feigning in this species was reported in a juvenile from West Bengal, India, by Mahapatra et al. (2021). Displays of such behavior in other species of the genus Lycodon across Asia include the Common Wolfsnake (Lycodon aulicus) (Mirza et al. 2011; Deshmukh et al. 2020), Oriental Wolfsnake (Lycodon capucinus) (Mirza et al. 2011), and Yellow-collared Wolfsnake (Lycodon flavicollis) (Muliya et al. 2018).

The Twin-spotted Wolfsnake is a small, non-venomous, slender-bodied snake often found around forests and farmland. It is endemic to Asia with a wide distribution from India to Nepal, Bangladesh, Bhutan, and Myanmar (Uetz et al. 2022). In Nepal, the species was formerly described as rare in the Terai lowlands (Schleich and Kästle 2002). However, widespread observations from the Protected Areas network have been reported: Chitwan National Park (NP) and its vicinity (Pandey et al. 2018), Parsa NP (Bhattarai et al. 2018), Bardiya NP (Lohani et al. 2022), and Shukla Phanta NP (Rawat et al. 2020). Outside the PA network, few sightings have been reported, although reports exist for Sarlahi District (Chettri and Thapa Chhetry 2014) and Kaski District (Baral et al. 2020). The first report of the species in Parsa National Park was from the Amlekhgunj-Hattisar area, 6.6 km north of the present observation (Bhattarai et al. 2018).

At about 0940 h on 3 May 2022, a juvenile Twin-spotted Wolfsnake was observed under a concrete block inside the Parsa NP office complex (27.2302 N, 84.9874 E). The snake became aggressive in the presence of humans. After nearly a minute, it tried to escape by moving under other blocks. To prevent escape and ensure relocation into natural habitat, the authors tried handling it with a snake hook. On physical con-
tact with the hook, the snake became immobile and rolled upside down, exposing the venter with mouth and the eyes fully closed (Fig. 1). No other behaviors were observed. After 4–5 minutes, the snake was inverted manually, but it did not respond. The snake was then relocated into nearby undergrowth, where it remained immobile for a minute before moving into the brush.

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Literature Cited


