



# First Record of Salazar's Pitviper (*Trimeresurus salazar*) from Nagaland, India

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The genus *Trimeresurus* Lacépède 1804 comprises nine species that occur in northeastern India (Mirza et al. 2020). Salazar's Pitviper (*Trimeresurus salazar*) has been recorded from Arunachal Pradesh, Assam, Meghalaya, and Tripura (Rathee et al. 2021; Chowdhury et al. 2024). At 1500 h on 20 September 2021, we encountered a *T. salazar* (Fig. 1) in the Rangapahar Reserve Forest, near Dimapur, Nagaland, India (25.858030, 93.707726; elev. 250 m asl), basking on a Teak (*Tectona grandis*).

The snake (ca. 90 cm in total length), identified by its characteristic yellowish-green dorsal color with orange stripes extending from behind the eyes to the nape, closely matched the diagnostic features in the original description by Mirza et al. (2020). A photographic voucher has been deposited in the *Reptiles & Amphibians* Specify Digital Repository (RAJ 00011). The identity of the species was confirmed by independent herpetologist Manmath Bharali.

This first record from Nagaland extends the known range of *T. salazar* about 180 km east of the nearest previously known locality in Umroi Ri-Bhoi, Meghalaya. The presence

of *T. salazar* in Nagaland adds to the known herpetofaunal diversity in the state and underscores the importance of continued exploration and conservation efforts in this region.

## Acknowledgements

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## Literature Cited

- Chowdhury, A., A. Deb, and J. Purkayastha. 2024. First record of Salazar's Pitviper (*Trimeresurus salazar*) from Tripura, India. *Reptiles & Amphibians* 31: e20654. <https://doi.org/10.17161/randa.v31i1.20654>.
- Mirza, Z.A., H.S. Bhosale, P.U. Phansalkar, M. Sawant, G.G. Gowande, and H. Patel. 2020. A new species of green pit vipers of the genus *Trimeresurus* Lacépède, 1804 (Reptilia, Serpentes, Viperidae) from western Arunachal Pradesh, India. *Zoosystematics and Evolution* 96: 123–138. <https://doi.org/10.3897/zse.96.48431>.
- Rathee, Y.S., J. Purkayastha, S. Dalal, and H.T. Lalremnga. 2021. First record of Salazar's Pitviper (*Trimeresurus salazar*) from Meghalaya, India, with comments on hemipenes. *Reptiles & Amphibians* 28: 131–136. <https://doi.org/10.17161/randa.v28i1.15369>.



**Figure 1.** A Salazar's Pitviper (*Trimeresurus salazar*) from Rangapahar Reserve Forest in Dimapur, Nagaland, India (RAJ 00011). Photograph by Lalit Budhani.