

Record of Albinism in a Tillack's Kukri (Oligodon tillacki) from Kamshet, Maval Taluka, Pune, Maharashtra, India

Jigar Solanki¹ and Rounak Khare²

¹Department of Zoology, Modern Education Society's Nowrosjee Wadia College Pune (MS), India (jigarsolanki889@gmail.com)

²Be Wild Forum, Talegaon Dabhade, Mawal, Pune (MS), India

Albinism is an inherited condition documented in all major vertebrate groups that is expressed as a conspicuous phenotype arising from the absence of melanin, resulting in animals with pinkish-yellow skin and red eyes (Fertl and Rosel 2009; Stephenson et al. 2022). Albinism in snakes in nature is rare, especially in adults, presumably due to an increased risk of predation (Thakur and Trivedi 2018).

Thirty-six species of snakes have been recorded in Maval taluka, Pune District, Maharashtra, India, including Tillack's Kukri (*Oligodon tillacki*) (Jigar et al. 2023). At about 0900 h on 14 May 2023, Mr. Ganesh Phalke received a distress call from Kamshet, Maval, Pune District, India (18.763298 N, 73.556728 E; elev. 622 m asl) regarding a snake. When he reached the site, he encountered an albino snake (total length ~23 cm) in a human settlement. The snake was identified as a Tillack's Kukri using taxonomic keys in Whitaker (2006) and Bandara et al. (2022). After taking photographs (Fig. 1), the snake was relocated into suitable habitat nearby.

Acknowledgements

We thank Mr. Ganesh Phalke for making this natural history observation while rescuing this snake, Mr. Anil Andre for

the photographs, and Altaf Bangi and Riyaj Shaikh for conducting wildlife-awareness camps in the area with the team of Wildlife Rescuers of the Maval NGO and the latter for their contributions to conservation and awareness. We also thank the Forest Department, Vadgaon Maval, Pune.

Literature Cited

Bandara, S.K., S.R. Ganesh, A.S. Kanishka, A.D. Danushka, V.R. Sharma, P.D. Campbell, I. Ineich, G. Vogel, and A.A.T. Amarasinghe. 2022. Taxonomic composition of the *Oligodon arnensis* (Shaw 1802) species complex (Squamata: Colubridae) with the description of a new species from India. *Herpetologica* 78: 51–73. https://doi.org/10.1655/Herpetologica-D-21-00026.1.

Fertl, D. and P.E. Rosel. 2009. Albinism, pp. 24–26. In: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of Marine Mammals*. Second edition. Academic Press, London, UK. https://doi.org/10.1016/B978-0-12-373553-9.00006-7.

Jigar, S., K. Rounak, and A.A. Vitthal. 2023. Checklist of snakes found in Maval Taluka, Pune, Maharashtra, India. CIBtech Journal of Zoology 11: 182–192.

Stephenson, B.P., Z. Velani, and N. Ihász. 2022. The effect of albinism on avian predator attack rates in Eastern Garter Snakes. Zoology 150: 125987. https://doi.org/10.1016/j.zool.2021.125987.

Thakur, M. and K. Trivedi. 2018. Albinism in snakes rescued in Surat, India. *Reptiles & Amphibians* 25: 63–67. https://doi.org/10.17161/randa.v25i1.14245.

Whitaker, R. 2006. Common Indian Snakes. A Field Guide. Macmillan, New Dehli, India.







Figure 1. An albino Tillack's Kukri (Oligodon tillacki) (left), showing the red eye (center), and a conspecific with typical coloration (right). Photographs by Anil Andre.