

Anurophagy by an Aloysi Skipper Frog, Euphlyctis aloysii (Dicroglossidae), from Goa, India

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Anurans play important roles in ecosystems due to their complex life histories and generalist diets (Measey et al. 2015; Caicedo-Martínez et al. 2021). They feed on a wide range of prey items, and also engage in interspecific and intraspecific anurophagy (Caicedo-Martínez et al. 2021). Herein we describe anurophagy by an Aloysi Skipper Frog, *Euphlyctis aloysii* Joshy, Alam, Kurabayashi, Sumida, and Kuramoto 2009, an aquatic frog found in stagnant bodies of water, ponds, and tanks (Gururaja 2012).



Figure 1. An Aloysi Skipper Frog (*Euphlyctis aloysii*) feeding on another anuran. Photograph by Saheel Maulingkar.

At about 2000 h, during an anuran survey on 15 August 2023, in Poriem Village, North Goa, India (15.582706, 74.021464), we observed an adult Aloysi Skipper Frog feeding on another anuran (Fig. 1). The frogs were not captured. Only the hindlimbs and a small portion of the abdomen of the prey were visible, which made identification impossible. Although struggling to escape, the prey was completely ingested in about 15 minutes. The habitat was a mixed plantation of *Anacardium occidentale* (Cashew) and *Artocarpus heterophyllus* (Jackfruit) with small puddles on the ground and a stream about 200 m away, from where we made the observation. To the best of our knowledge, this is the first observation of anurophagy in *E. aloysii*.

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Literature Cited

Caicedo-Martínez, L.S., S. Escobar-Lasso, J.C. Zuluaga-Isaza, C. Londoño-Quiceno, J.G. Orrego-Meza, and J.M. Rivera-Pérez. 2021. Review of post-metamorphic frog-eat-frog predation, with a description of a new cases of anurophagy. Food Webs 27: e00191. https://doi.org/10.1016/j.fooweb.2021.e0019.

Gururaja, K.V. 2012. Pictorial Guide to Frogs and Toads of the Western Ghats. Gubbi Labs LLP, Gubbi, Karnataka, India.

Measey, G.J., G. Vimercati, F.A. De Villiers, M.M. Mokhatla, S.J. Davies, S. Edwards, and R. Altwegg. 2015. Frog eat frog: exploring variables influencing anurophagy. *PeerJ* 3: e1204. https://doi.org/10.7717/peerj.1204.