

Release trial of captive-bred *Atelopus varius* shows that frogs disperse rapidly, are difficult to recapture, and do not readily regain skin toxicity

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SUPPLEMENTARY MATERIAL 1 Geographical coordinates of flags demarcating control (i.e., stream only) and release (i.e., stream and two terrestrial 10 m away) transects. This is a comma separated data file available in the Supplementary Materials section at doi.org/10.1017/S0030605323001254.

SUPPLEMENTARY MATERIAL 2 TTX-producing bacteria 16S rRNA gene sequences assembled from Vaelli et al. (2020) in FASTA format, used to match sequences obtained from *A. varius* skin bacteria. This is a comma separated data file available in the Supplementary Materials section at doi.org/10.1017/S0030605323001254.

SUPPLEMENTARY MATERIAL 3 Read counts of TTX-producing bacteria found on *A. varius* individuals maintained inside mesocosms in the wild. This is a comma separated data file available in the Supplementary Materials section at doi.org/10.1017/S0030605323001254.

SUPPLEMENTARY MATERIAL 4 Radiotracking data on *A. varius* individuals. NR = not recorded. This is a comma separated data file available in the Supplementary Materials section at doi.org/10.1017/S0030605323001254.

SUPPLEMENTARY MATERIAL 5 Bd data from skin swabs from released *A. varius* individuals. This is a comma separated data file available in the Supplementary Materials section at doi.org/10.1017/S0030605323001254.

SUPPLEMENTARY MATERIAL 6 Bd data from skin swabs of amphibian community at the control and release stream transects, obtained during 6 monthly occasions. NA = not applicable. This is a comma separated data file available in the Supplementary Materials section at doi.org/10.1017/S0030605323001254.