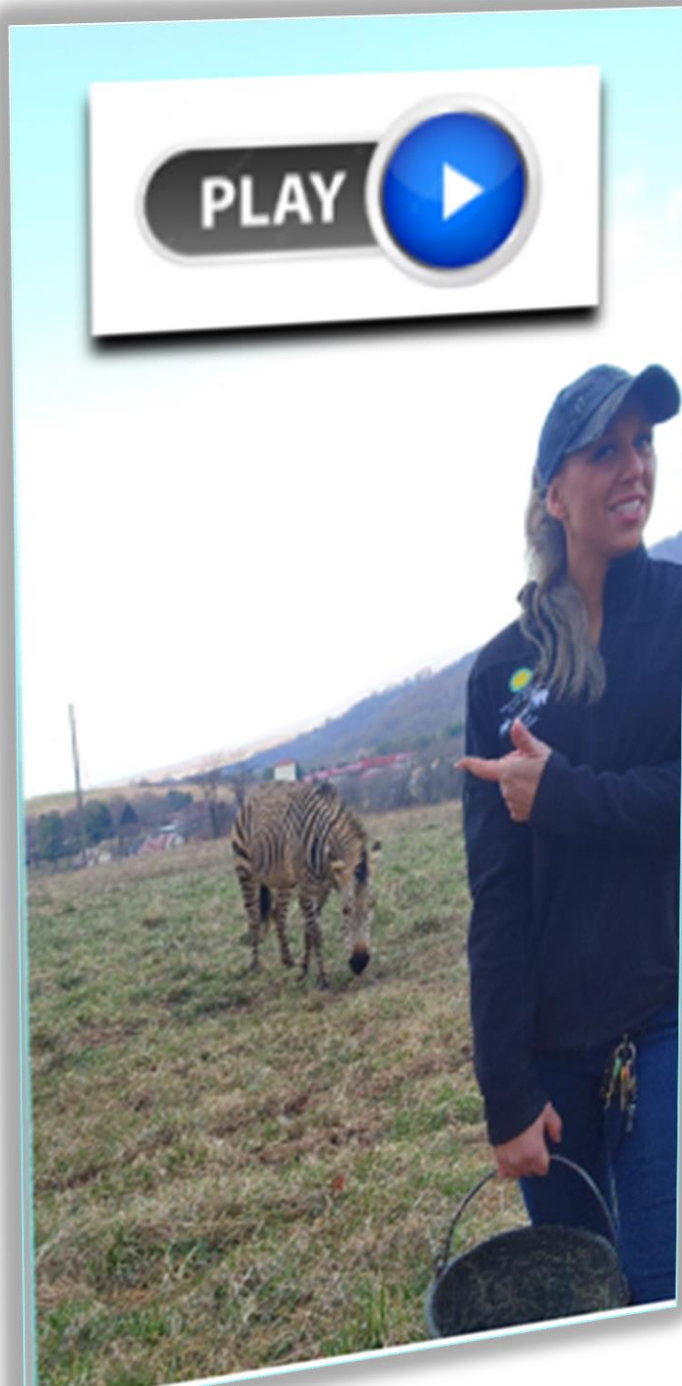




**Improving Hartmann's Mountain  
Zebra Hoof Health with Substrate  
Modification, Topical Treatment and  
Dietary Supplements  
at  
Smithsonian's National Zoo and  
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Presented By: Tara Buk





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[Link to Video if file is too Large](#)





# SMITHSONIAN'S NATIONAL ZOO & CONSERVATION BIOLOGY INSTITUTE

Additional resources are available for those interested. Please send an email to [bukr@si.edu](mailto:bukr@si.edu) for drop box folder access to more detailed photos of hoof progression and the substrate installation process.

**Tara Buk, M.Sc.**  
Safety Committee Liaison, Ungulate Team  
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Photos of Hooves Prior to June 2017  
-June 2016- Arrival  
-June 2017- full time pasture access  
-Aug 2017- given access to modified substrate



June 2016- Arrival at SCBI  
June 2017- full time pasture access  
Aug 2017- given access to modified substrate river rock and Lighthouse mud management yard  
Nov 2017 – given access to modified substrate stall (textured abrasive concrete)

0.1 HM Zebra  
"Xolani"  
February 2023

Photo taken  
October 8, 2018





C O N S E R V A T I O N  
t h r o u g h  
C O L L A B O R A T I O N