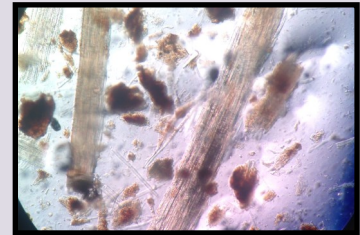


## Jill L. Morgan — BRI Undergraduate Researcher

My name is Jill Morgan, and I am from Camp Wood, Texas. I was home-schooled and raised in the country, where much of my time was spent working outdoors and with our domestic animals. This upbringing gave me an appreciation and passion for nature. I began taking college classes at the Southwest Texas Junior College at the age of 16, and enrolled full-time in the wildlife program the following year. I spent the next 2 ½ years highly involved in the wildlife program and the whitetail deer breeding industry. I graduated with my AS degree in May of 2014, and transferred to Sul Ross State University the following August. Shortly after arriving, I joined the Range and Wildlife Club, and was hired as a research technician on a pronghorn diet, nutrition, and habitat study. Later that semester, I was accepted by the Undergraduate Research/Mentorship Program. I will graduate with my BS degree in May of 2016, after which I intend pursue a MS degree in the field of wildlife.



### **Dietary Overlap among Pronghorn, Cattle, and Prairie Dogs in the Trans-Pecos, Texas**

*1 January — 15 August, 2015*

There is only a fraction of the original pronghorn population remaining in North America, and approximately 3,725 individual across the Trans-Pecos. Cattle ranching is the primary agricultural land use in the area, and prairie dogs inhabit many of these ranches. All three of these species are sympatric; utilizing the same general habitat. As such, it is necessary to understand their dietary similarities, which are an indication of interspecific competition. This study involves using a microhistology method to analyze the dietary components of each species for comparison with each other.



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