

Project Information for the ATBI Xeric Cliffs Flora Project

Project Details

Principal Investigator: Dr. Gary Walker

Project Description: ATBI of vascular and nonvascular plants and lichens for the xeric cliff systems along the newly acquired lands of the Highway 129 corridor in Tennessee for the Great Smokey Mountains National Park.

Project Dates: **Start Date:** 3/3/2010 **End Date:** 10/22/2011

Protocol: A survey was conducted of vascular and nonvascular plants and lichens for the xeric cliff systems along the newly acquired lands of the Highway 129 corridor in Tennessee for the Great Smokey Mountains National Park. We used a systematic survey using 1 m² quadrants spaced 3 meters apart along randomly placed vertical transects on these xeric cliff faces extending across the cliff edge in areas where bare rock is exposed and across the talus at the foot of the cliff system.

Project Notes:

Summary:

Data Summary

Data Collection Year(s): 2009 to 2011

Number of Sites Sampled:	2
Number of Samplings:	84
Number of Orders Identified:	34
Number of Families Identified:	58
Number of Genera Identified:	94
Number of Species Identified:	104
Number of Specimens Identified to Species:	127
Number of Specimens not Identified to Species:	3
Total Number of Individuals Counted (actual or estimated):	159
Percentage of Major Watersheds Sampled:	2 %