

Summer Field Biology Research Opportunities Cedarville University

Bikeway Prairie Remnants – Restoration and Historical Roots

- Goal #1: To continue field botany research to locate remnant prairie plant species that have survived along the former railroad, now a bikeway named “The Prairie Grass Path” between Cedarville and South Charleston.
- Goal #2: To determine the land use history and its influence on the prairie remnant, and to assess current landowner perceptions of the prairie and the bikeway with the following aims:
- Uncover ecological history of the prairie remnants as part of the heritage of SW Ohio
 - Elevate the importance of the prairie remnants and bikeway in the eyes of local residents.



Opportunities:

- ✿ Acquire field botany/ecology techniques:
 - plant identification
 - Cover mapping techniques and GPS
 - plant collecting/herbarium techniques
 - prairie community restoration
- ✿ Surveying landowners to identify historical records of pre-settlement prairie
- ✿ BIO 3800 Biological Research credit
- ✿ Possible stipend to help tuition/housing costs

Qualifications (Introductory):

- ✿ At least one course in college biology, or permission of instructor
- ✿ Residency in Cedarville during Summer, 2003 for at least one week during July 1 to August 10
- ✿ Flexible hours will be arranged to allow you to learn while exploring the area of field botany/ecology

Qualifications (Advanced):

- ✿ At least one course in general botany or general ecology, or permission of instructor
- ✿ Residency in Cedarville during Summer, 2003 for at least two weeks during July 1 to August 10
- ✿ Enrollment for 2 semester hours in BIO 3800 Biological Research I.

Contact:

- ✿ Dr. John E. Silvius, Professor of Biology
- ✿ E-mail: silviusj@cedarville.edu or 937-766-7948