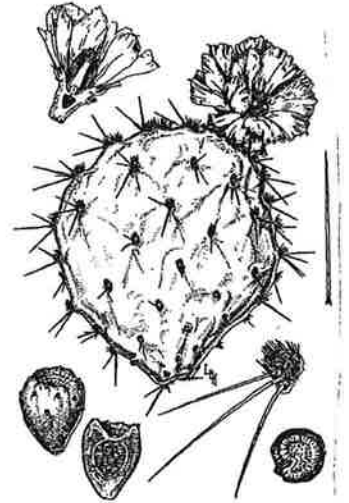




**Biology 3343  
Field Botany  
Biology 3347  
Systematic Botany**

June/August terms SMU in Taos, 2013

Instructor John E. Ubelaker  
Professor of Biological Sciences  
Office hours: by appointment,  
Email: [Ubelaker@mail.smu.edu](mailto:Ubelaker@mail.smu.edu)



**Note:** In order to enroll in these courses you must have taken Biology 3342 Plant Kingdom on the main campus and have the approval of Dr. Ubelaker.

**Mission Statement:** 3343. An intense course involving the identification of vascular plants with emphasis on the collection, pressing and mounting herbarium specimens on the campus of SMU in Taos in the northcentral region of New Mexico. Students will also learn standard herbarium techniques of storing specimens.

**Objective:** This is a field laboratory research course. The objective of the course is to select plants in a particular ecological zone and by microscopic study and library references examine plant specimens from throughout the northcentral region of the state. Students will also learn proper herbarium techniques for long term storing of specimens. Students must be co-enrolled in Biology 3343.

**Mission Statement:** 3347. An intense course involving the identification of vascular plants with emphasis on ecological indicators on the campus of SMU in Taos in the northcentral region of New Mexico. In order to enroll in this course you must have taken Biology 3342 Plant Kingdom on the main campus.

**Objective:** This is a classroom/ library research course. The objective of the course is to select a particular plant family and by using specimens from the herbarium write a scientific monograph on the plant family including all recorded species from the North central region of New Mexico.. Students must be co-enrolled in Biology 3347.

Students will find the experience from this course useful in hands on research methodologies involving field collected plants. Students will be able to use the experience when entering careers in medicine and research careers in wildlife biology, ecology, environmental science, botany or other medical careers.