



PLANT SYSTEMS



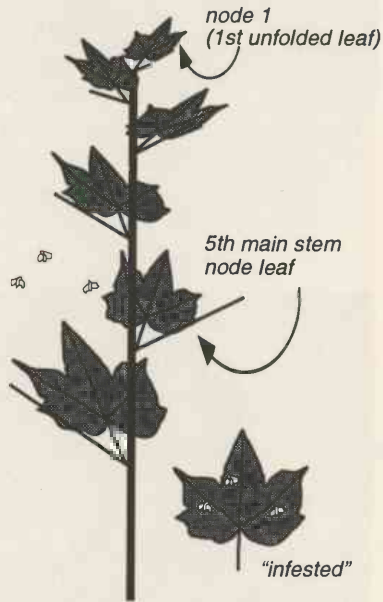
ANIMAL SYSTEMS



ENVIRONMENT & NATURAL RESOURCES

"Entomology uses all the disciplines of biology. This allows one to specialize in an academically diverse environment. I came to the U of A because it has the highest concentration of world class insect scientists of any university. The opportunities for insect research and collaboration are unparalleled."

Marten Edwards
Entomology, Ph.D. candidate



P. Elsworth



John Norman, Texas A&M



Entomology Department

This department offers programs leading to the M.S. and Ph.D. degrees in **Entomology**. Courses of study emphasize independent thought and scholarly endeavor in both basic and applied areas of insect science. Departmental strengths include behavior; chemical ecology and natural products chemistry; ecology; insect physiology; integrated pest management; medical and veterinary entomology; molecular biology; social insect biology; systematics; and toxicology. Interdisciplinary studies involving other graduate programs are strongly encouraged.

The Center for Insect Science is a statewide program integrating various facets of research and instruction in insect biology. An **Interdisciplinary Graduate Program in Insect Science** provides opportunities for students who desire to emphasize an interdisciplinary approach in their graduate degree program.

Insect-rearing facilities and greenhouse space and a containment facility for rearing exotic insects are also available. The department maintains the largest regional collection of insects and other arthropods in the Southwest. Field and laboratory facilities for integrated pest management research are available at the University Farm in Tucson and at major agricultural research centers in Yuma and Maricopa.

College of Agriculture researchers may also pursue studies off campus at the USDA-ARS Carl Hayden Bee Research Unit in Tucson. Career opportunities in the entomological sciences are diverse and span research, teaching, and public service through a variety of government agencies, institutions of higher learning, and industry.

Program Spotlight

CENTER FOR INSECT SCIENCE (CIS)

The Center for Insect Science is a multicampus, multidisciplinary program that fosters collaborative research and education in a broad array of topics dealing with insect science. The research program incorporates faculty and student investigations in insect behavior and ecology, neurobiology, social insects, insect molecular science, agricultural insect science, and insect vectors. The Center is organized as a Division of the Arizona Research Laboratories at The University of Arizona.

The Center's goal is to produce well-trained, interactive, and independent scientists who are capable of working in a variety of areas in the biological sciences and excelling in university, industrial, or governmental laboratories.

College of Agriculture scientists involved in the Center are exploring pest management strategies. Some of these scientists are based on campus while others work at experiment stations located in Yuma, Maricopa and Safford, Arizona. Basic research on agriculturally important insects at the Center focuses on insecticide resistance and migration of insect pests.