

ASHLEA RIVES FRANK
Ecological Research Scientist/Project Coordinator
Compliance Services International

SUMMARY OF EXPERIENCE

PROFESSIONAL EXPERIENCE

Over four years experience in ecological and entomological research and application including insect behavior, vector ecology and control, agricultural pesticides and biopesticides, regulatory issues and endangered species. Work in coordinating roles directing field and laboratory research, managing regulatory projects, budgets, and personnel.

CREDENTIALS

M.Ent. 2004 University of Queensland, Australia (Entomology)
B.A. 2002 Southwestern University, Texas (Physical Anthropology)

PROFESSIONAL AFFILIATIONS

Member, Entomological Society of America (2006- present)
Member, Society of Environmental Toxicology and Chemistry (2006-present)

PROJECT EXPERIENCE

- Contribute to the interpretation and application of federal regulations and policies as they pertain to environmental projects
- Experience with endangered species issues including analyzing best available data, developing and reviewing species exclusions and protections for various pesticide uses, and contributing to the development of an industry standard for endangered species-pesticide assessments
- Provide technical feedback to improve applications used to provide data on pesticide use and endangered species locations on a county level
- Laboratory and field work
 - Collected and analyzed field samples to understand the transmission and control of Pierce's Disease in grapevines. Samples included: leafhoppers, insect eggs, predators, parasitoids, and plants
 - Reared and maintained several insect and plant cultures in the field and in quarantine regulated laboratories
 - Designed, implemented, and analyzed several experimental studies to understand life history and ecology of economically and medically important insect pests

- Project coordination from beginning to completion, developing scopes of work, managing budgets and personnel

PROFESSIONAL EMPLOYMENT

Technical Editor/Project Analyst (2005)

Ecological Research Scientist/Project Coordinator (2006 – present)

Compliance Services International

Lakewood, WA

Responsible for the coordination of projects for a multi-disciplinary team of scientists, experts, and developers. This includes developing scope of work, managing budgets and personnel, performing scientific research and analysis, ensuring consistent science, and interaction with environmental regulators, public, and private sector clients. Projects include ecological risk assessments, endangered species assessments, and other environmental and ecological projects to address federal regulations, mitigations, and other concerns of clients. Also provide support for the development of the continuing process for an industry standard endangered species assessment to satisfy EPA pesticide registrations. Includes analyzing best available data on endangered species and providing technical feedback on applications used to develop, assess, and submit endangered species assessments to the EPA. Other responsibilities include technical scientific support, corresponding with data providers and data users, and mentoring junior scientific staff.

Research Assistant (2005)

Texas A&M University

Agricultural Experiment Station

Fredericksburg, Texas

Responsible for directing and conducting field observations, samples, and surveys to understand the transmission and control of Pierce's Disease in grapevines. Collected, processed, and analyzed samples including: leafhoppers, insect predators and parasitoids, plants, as well as other ecological and meteorological data. Reared and maintained several insect and plant cultures. Also responsible for maintaining numerous databases and supervising research and technical staff.

Visiting Scientist/Scholar (2004)

Queensland Institute of Medical Research

Herston, Queensland

Conducted various laboratory bioassays with *Culex annulirostris* and *Bacillus sphaericus* to determine recycling ability. Responsible for experimental design, interpretation, and analysis. Research was presented at the 9th Arbovirus Research in Australia/ 6th National Conference of the Mosquito Control Association of Australia Symposium.

Research Assistant (2003-2004)

Department of Zoology and Entomology

University of Queensland, St Lucia, Australia

Reared *Danaus plexippus* and *Danaus chrysippus* cultures in the laboratory and maintained them in the field. Maintained *Plutella xylostella* and *Crociodomia pavonana* cultures in quarantine regulated insectary. Conducted experimental studies to understand ecology and life history.

Responsible for insect diet preparation, experimental design, implementation, and analysis. Also developed PowerPoint and slide presentations for entomology lectures.

Project Assistant (2003-2004)
Mosquito Consulting Services Pty.
Brisbane, Queensland

Assisted in the planning and implementation of a biting midge (Diptera: Ceratopogonidae) control program in residential canal areas. Required insect identification skills, integrated pest management knowledge, and interaction with local council officials, residents and professionals.

PRESENTATIONS

Rives, A, Breitfuss, M (2004). Recycling of *Bacillus sphaericus* in *Culex annulirostris* cadavers. 9th Arbovirus Research in Australia and 6th Mosquito Control Assoc of Australia Symposiums, Noosa Lakes Resort, Australia. August 2004.

ADDITIONAL TRAINING

2006 **Database Training:** DialogClassic Course
2006 **Invasive Plant Workshop:** US Forest Service, WA
2005 **Data Sensitivity Training:** NatureServe