

# Entomology

## Information Access Policy

### Clemson University Libraries

Entomology Reference Librarian: [Lois Sill](#)

Policy written by L. Sill, 2007

Revised by L. Sill, March 2012

#### I. General Purpose

To support instruction and research at the M.S., and Ph.D. levels in Entomology. The following text is from the [Entomology Graduate Student Handbook](#).

The mission of the Entomology Graduate Program at Clemson University is to support and encourage graduate students and to provide them with state-of-the-art learning, research, and outreach experiences that will prepare them to become scientific pioneers and leaders in Entomology.

The Entomology Graduate Program, administered through the School of Agricultural, Forest, and Environmental Sciences, offers two research degrees. The MS and PhD degree programs require the student to conduct research leading to a thesis (MS) or dissertation (PhD).

The Entomology faculty are known for their commitment to teaching and working with students. They are nationally and internationally recognized leaders in their research fields, which fall in three focus areas: Applied Agricultural Entomology, Arthropod Biodiversity, and Urban Entomology.

#### Description of the Entomology Program

Graduate Program Coursework - [Graduate Catalog](#)

[MS in Entomology](#)

[PhD in Entomology](#)

#### Entomology Faculty, 2011-2012

- Peter H. Adler: Professor, Entomology
- Eddie Beard: Research Specialist, Aquatic Diptera Internist
- Robert G. (Bob) Bellinger; Professor, Entomology & Extension Pesticide Coordinator
- Eric P. Benson Professor of Entomology and Extension Specialist
- LayLa Burgess: Research Associate
- Gerry Carner: Professor Emeritus
- Jay Chapin: Professor Emeritus, Extension/Research Entomologist
- Juang-Horng "J.C." Chong: Assistant Professor, Entomology
- Jackie Ellis: Instructor/Training Coordinator, PCO Schools and others
- Kelly Gilkerson: Research Associate, Zehnder IPM & Sustainable Ag Program
- Jeremy Greene: Associate Professor, Entomology
- W. M. Hood: Professor
- Shawn Jadrnicek: Student Organic Farm Manager
- John C. Morse: Professor Emeritus, Insect Systematics
- Francis P. F. Reay-Jones: Assistant Professor, Entomology

- Merle Shepard: Director, Archbold Tropical Research Consortium and Professor Emeritus, Entomology
- Matt Turnbull: Associate Professor, Graduate Program Coordinator
- Al Wheeler: Adjunct Professor, Entomology
- Geoff Zehnder: Professor & Coordinator, IPM and Sustainable Agriculture Programs
- Patricia Zungoli: Professor, Urban Entomology

## II. Scope of the Library Collection

- A. The Entomology collections in the Clemson University Libraries primarily support the teaching and research needs of the faculty, students, and staff in Entomology.
- B. The collection is also used by a number of Clemson faculty and students outside Entomology and as well as by members of the community.
- C. Collecting efforts are aimed at maintaining a well rounded collection, with special strengths in the areas of current research at Clemson University and in areas where degrees are given, but which also provides materials for the undergraduate in all areas of Sustainable Agriculture and Biological Science and which will in the future provide an adequate basic collection as research interests change.
- D. The subjects are cataloged in the following Library of Congress call number ranges. There is considerable interdisciplinary coverage with other degree areas in the life science areas.
- E. LC Classification Descriptor in Collecting

### Subject Classifications:

Insects QL461-QL599.82  
 Entomology economic SB 818+  
 Entomophagous arthropods SB 933.33  
 Entomophagous insects SB 933.33

### Related Classifications:

Insect resistance SB 933.2  
 Insecticides, microbial SB 933.34  
 Insects, scale SB 939

## F. Core Entomology Journals

- |  |  |
|--|--|
| • Annals of the Entomological Society of America   | • Insect Molecular Biology   |
| • Annual Review of Entomology  | • Journal of Economic Entomology   |
| • Environmental Entomology   | • Journal of Invertebrate Pathology (formerly Journal of Insect Pathology)                                   |
| • Ecological Entomology (formerly Transactions of the Royal Entomological Society of London) | • Journal of the American Mosquito Control Association (formerly Mosquito News)                              |
| • Entomological News   | • Journal of the Kansas Entomological Society  |
| • Transactions of the American Entomological Society   | • Pan-Pacific Entomologist   |
| • Florida Entomologist   | • Physiological Entomology (formerly Proceedings of the Royal Entomological Society of London parts A and C) |
| • Insect Biochemistry and Molecular Biology (formerly Insect Biochemistry)                   |  |

- Southwestern Entomologist
- The Entomologist
- The Entomologist's Record and Journal of Variation
- African Entomology
- Agricultural and Forest Entomology
- American Bee Journal
- Annales de la Société Entomologique de France
- Applied Entomology and Zoology
- Aquatic Insects: International Journal of Freshwater Entomology
- Archives of Insect Biochemistry and Physiology
- Arthropod Structure & Development (formerly International Journal of Insect Morphology and Embryology)
- Australian Journal of Entomology
- Biocontrol
- Biocontrol Science and Technology
- Bulletin of Entomological Research
- Canadian Entomologist
- Deutsche Entomologische Zeitschrift (formerly Berliner Entomologische Zeitschrift)
- Entomologia Experimentalis et Applicata
- Entomological Science
- Entomologische Zeitschrift
- Entomologist's Monthly Magazine
- Experimental and Applied Acarology
- Insect Biochemistry: see Insect Biochemistry and Molecular Biology
- Insectes Sociaux
- Insect Systematics and Evolution (formerly Entomologica Scandinavica)
- International Journal of Insect Morphology and Embryology: see Arthropod Structure & Development
- Japanese Journal of Applied Entomology and Zoology
- Japanese Journal of Entomology (new series begun in 1999)
- Journal of Applied Entomology (formerly Zeitschrift für Angewandte Entomologie)
- Journal of Arachnology
- Journal of Entomology, Series B: Taxonomy: see Systematic Entomology
- Journal of Hymenoptera Research
- Journal of Insect Behavior
- Journal of Insect Conservation
- Journal of Insect Pathology: see Journal of Invertebrate Pathology
- Journal of Insect Physiology
- Journal of Medical Entomology
- Journal of Vector Ecology
- Medical and Veterinary Entomology
- Mosquito News: see Journal of the American Mosquito Control Association
- Novitates entomologicae
- Pest Management Science
- Proceedings of the Entomological Society of Washington
- Proceedings of the Hawaiian Entomological Society
- Proceedings of the Royal Entomological Society of London, Series A: General Entomology: see Physiological Entomology
- Proceedings of the Royal Entomological Society of London, Series B: Taxonomy: see Systematic Entomology
- Systematic Entomology (formerly Proceedings of the Royal Entomological Society of London, Series B: Taxonomy and Journal of Entomology, Series B: Taxonomy)
- The Coleopterists Bulletin
- Transactions of the Royal Entomological Society of London: see Ecological Entomology
- Zeitschrift für Angewandte Entomologie: see Journal of Applied Entomology
- Zoosystema

#### G. Other Resources Available

1. R.M. Cooper Library also provides free interlibrary loan service (ILL) to students, faculty, and staff. Also, the Libraries will use commercial document suppliers if there is no other option.
2. The PASCAL system allows us to borrow book material from other colleges and universities in South Carolina with courier delivery with 2 or 3 days.

3. Important indexes and abstracts to be retained if financially possible.

- AGRICOLA
- Biological and Agricultural Index Plus
- BIOSIS
- Conference Papers Index
- Current Contents
- Medline (PubMed)
- ProQuest Deep Indexing: Environmental Sciences
- ProQuest Dissertations & Theses - Full Text
- PubMed (Medline)
- Science Citation Index
- SciFinder Scholar
- Toxline
- TOXNET
- Web of Knowledge
- Web of Science
- Zoological Record

III. Collection Management and Parameters

A. Languages

English is the predominant language. If materials in other languages are collected they must generally contain information not readily available in English.

B. Geographic Areas

Some of the material in Entomology describes subjects which are independent of geography. Entomology materials concerning topics in South Carolina, the Southeastern United States, and North America will be emphasized.

C. Chronological Boundaries

Most books considered for purchase are current; materials published prior to the most recent five years are purchased very selectively.

D. Format of Materials Collected

Monographic material purchased will primarily be English language print sources and electronic format, if available. Journals, handbooks, manuals, and encyclopedias will be in electronic format, if available. Materials in languages other than English will be collected only upon specific request. Scholarly, technical and professional treatments are emphasized. DVDs will be purchased as requested by faculty.

E. The following materials will be excluded unless there is an extraordinary need and/or a specific request.

1. Workbooks
2. Computer software
3. Rare materials
4. Textbooks

F. Weeding Guidelines

Monographic material, with an imprint of 1997 or earlier, which has not circulated for the last ten years, will be reviewed for weeding. Statistical reports are available for review of these titles. If a book has not circulated and is historically important, Special Collections will be asked to house it. If Special Collections does not take the item, storage will be considered if the item is rare or unique to Clemson.

#### IV. Selection Tools and Review Sources

- A. List of courses offered each semester.
- B. Major Entomology journals
- C. Publishers websites and catalogs
- D. Entomology society websites and catalogs
- E. GOBI service from YBP if funds are available
- F. The students and faculty are most helpful in suggesting resources to purchase. While working with students at the reference desk or through class contacts, one learns what topics are of interest. Also, by reading current journals and professional magazines in Entomology, the topics of current interest are apparent. Co-workers are also extremely helpful in suggesting areas that may need more coverage. Looking at the ILLs requested also helps in the selection process.
- G. If faculty members fail to recommend material, the librarian will encourage them to take a more active part in selection. If this encouragement fails, the librarian will make the selections.
- H. The librarian is also responsible for the selection of general materials not specifically related to the curriculum and for maintaining a balance between the various subject areas and between standard and current works.

#### IV. Evaluation Tools

- A. "Use studies" involving circulation and browsing data from our online catalog, databases, and journal vendors will show the areas of highest use.
- B. *Journal Citation Reports* purport to pinpoint the most influential journals in any science discipline in several quantitative methods.

#### V. Assessment and Planning

- A. Qualitative Measures
  1. The information access policy for this major will be reviewed every five years.
  2. Appropriate bibliographies will be checked against our holdings.
  3. Benchmarking projects, to be determined.
- B. Quantitative Measures
  1. Interlibrary Loan and PASCAL Activities will be monitored to see what subject areas are lacking and what type materials are being requested most.
  2. Circulation Statistics, both for print and electronic resources, will be reviewed to see which areas of the collection are most heavily used.