

# PACIFIC INSECTS

Vol. 7, no. 1

April 10, 1965

---

Organ of the program "Zoogeography and Evolution of Pacific Insects." Published by Entomology Department, Bishop Museum, Honolulu, Hawaii, U. S. A. Editorial committee: J. L. Gressitt (editor), S. Asahina, R. A. Harrison, K. H. K. Key, T. C. Maa, C. W. Sabrosky, R. W. Strandtmann, R. L. Usinger, J. van der Vecht and K. Yasumatsu. Devoted to studies of insects and other terrestrial arthropods from the Pacific area, including eastern Asia, Australia and Antarctica.

---

## SYMPOSIUM COMMEMORATING THE DEDICATION OF PAUAHI HALL, BISHOP MUSEUM

This symposium, concerned mainly with problems and opportunities facing a growing department of entomology, was organized to celebrate the completion of Pauahi Hall, Bishop Museum, Honolulu. The symposium was held on the afternoon of 22 June 1964 on the second floor of the new hall. Pauahi Hall consists of four floors, three of which are devoted to the Entomology Department, which organized the symposium. The fourth floor is devoted to Botany.

The symposium was opened by Dr Roland W. Force, Director of Bishop Museum. Dr Force described the background and setting for the new building, and introduced Dr Frank E. Midkiff who represented the Museum Trustees, and Dr J. Linsley Gressitt, Chairman of the Entomology Department, who chaired the scientific portion of the program.

---

### Program

- A. C. Smith (Director of Research, University of Hawaii)  
Interaction between museums and universities
  - J. R. Hendrickson (Vice-chancellor, East-West Center)  
The relationship of ecology to systematics
  - C. W. Sabrosky (U. S. Department of Agriculture)  
The objectives of a museum entomology department
  - R. Traub (University of Maryland School of Medicine)  
Opportunities in medical entomology research in the Pacific
  - C. E. Pemberton (Hawaiian Sugar Planters' Association Experiment Station)  
Highlights in the history of biological control in Hawaii
  - J. W. Beardsley (Department of Entomology, University of Hawaii)  
Systematics, quarantine, and biological control
  - R. T. Holway (U. S. Navy Preventive Medicine Unit 6)  
Information technology and entomology
-

**Dr Force:** Members of the Board of Trustees, participants in the program, distinguished visitors and guests, and members of the staff of the Museum: It is my very pleasant duty to welcome you to this dedicatory symposium which marks the opening of Pauahi Hall, the first new research building at Bishop Museum in nearly 40 years. 1964 marks the Museum's 75th anniversary and it is particularly significant in this anniversary year, which also marks three quarters of a century of service to the scientific community, that the Museum should open a new research facility. I would like to share some details about the building with you a bit later before we turn to the program for this afternoon, but before doing so I would like at this time to introduce Dr Frank E. Midkiff, Vice-President of the Board of Trustees of Bishop Museum. Dr Midkiff.

**Dr Midkiff:** Thank you very much. Mr John Waterhouse, President of the Board is very sorry that he could not be present for this very important meeting today and has asked me to represent him and the other trustees in extending to you a very cordial welcome. The trustees are most happy to have this new building which will serve the expanding program of the Museum. They are grateful to the National Science Foundation for its assistance in the continuing program of the Museum, and for its recognition of the competence of the Museum to carry on important research projects. This competence has developed through growth for many decades; for 75 years as Dr Force has noted, and we are grateful indeed that the Foundation has seen fit on many occasions to assist us and in particular to aid in the provision of support for this beautiful and greatly needed building.

The growth of the Entomology Department under Dr Gressitt has caused the Museum to be entrusted with more and more responsibility in the field. Our consequent need for additional space was recognized by the Foundation. We are grateful to Dr Gressitt, to his predecessors who have contributed much in this field throughout the many years, and to the present staff whose contribution is of the greatest significance.

This building is named Pauahi Hall. It is very fitting that the name of the Princess in whose memory the Museum was founded should be used for this building. The two adjacent buildings are named Paki and Konia Halls, the names of the father and mother of Princess Bernice Pauahi Bishop. This is the first new research building we have had for many years. It is symbolic of the development and the progress of the Museum and of its contribution to scientific research which has contributed to many phases of our life including the part that insects play in matters of health and agriculture.

I think it would be proper for me to note, in closing, the interest of the friends of the Museum in this building. The Bishop Museum Association has been impressed with the needs of the Museum for additional space and has undertaken to raise funds for the fourth floor to this building; the lower three floors having been made possible by the National Science Foundation grant. The trustees wish Dr Force and his staff the very best in the use of this new facility. We are particularly happy that so many distinguished scientists have assembled to participate in this symposium. Unfortunately, through no fault of ours, the building is not quite completed. A concrete strike and bad weather, have caused delays, but today's events are certainly a portion of the dedication of this wonderful facility. Very best wishes to you in your deliberations this afternoon.

**Dr Force:** Thank you Dr Midkiff. We are very pleased indeed to have with us this afternoon not only many local friends and affiliates of the Museum but also some guests



Fig. 1. Pauahi Hall, Bishop Museum, Honolulu; largely devoted to entomology.

who have come from far away—some from as far away as Manoa Valley, some from Waikiki, and others who have come from the east coast of the United States. I would like to call attention particularly to the presence of Dr J. Frances Allen of the National Science Foundation, Mr C. W. Sabrosky of the U. S. Department of Agriculture in Washington D. C., Col. Robert Traub of the University of Maryland School of Medicine, and Dr Elwood C. Zimmerman, long-time member of the Museum staff in entomology who has come today from his home in New Hampshire. It is to Dr Zimmerman that we are indebted for the series of engravings that you may see on the wall of the main office of the Entomology Department. These are ancient prints of famous entomologists of yesteryear (John Curtis, George R. Waterhouse, Edward Doubleday, William Spence, and William Kirby). We are indeed grateful to him for his thoughtfulness in making this fine addition to this new facility.

You may be interested in a few facts and figures in relation to this new building. Ground-breaking was on July 1 1963. For some of us this seems a long time ago indeed. This has been a long year, fraught with some difficulties, as Dr Midkiff has mentioned, but I suspect that this is the rule rather than the exception with any new construction. Our time schedule has been delayed a bit but we now look forward to completion of the build-

ing within the next two or three weeks. This floor represents the most completed portion of the building. This new facility will allow something over 27,500 square feet of additional space, well over 6,000 square feet of space on each floor. It is primarily uninhibited space, based on the principal of the storage of study collections in an easily accessible fashion, with study and work areas along the north wall. All of the facilities for the new building, rest rooms, janitorial rooms, stairways, elevators, and so on are located in the link which joins this building to Paki Hall. We feel it is not only a very beautiful building, but a very functional one also. The lower three floors will be devoted to entomological collections and laboratory space. The fourth floor will be the new location for the Department of Botany.

Virtually every department in the Museum has been affected positively by the addition of this new building to our complex. Space that has been vacated by the Entomology and Botany Departments will be utilized by a number of other divisions and departments of the Museum. There probably is no better time to express some views in respect to the patience of the members of the Department of Entomology. They have been working under extremely crowded conditions and in this they have had company in other departments of the Museum. We hope that this new facility will begin a move toward even more expansion in the future. The program of the Department of Entomology is one that has expanded greatly in recent years and we look forward to a continuation of this expansion. We feel that this expansion is only possible through cooperation, not only between staff members here at the Museum but also between the staff and professionals in related institutions. I think that there is little virtue in a statement of pride in the accomplishments of this department over the past years unless we also recognize the collaborative role that has been played by so many people from other institutions. The University of Hawaii, and many institutions on the mainland, both universities and museums, have been valuable associates through the years and the Museum's position has traditionally been one of close collaboration with professionals in fields that complement, not to say duplicate, fields that are emphasized here. We look forward to a continuation of this close cooperation.

I believe that the next few years can result in a general efflorescence at Bishop Museum, the like of which this institution has not yet seen. We look forward to the challenges that are involved in this growth and we hope that one day before too much longer we may assemble again in another building similar to this, honoring the achievements and accomplishments of another department. With these preliminary remarks I would like to turn the program over to Dr Gressitt who will chair this afternoon's symposium. Dr Gressitt.

**Dr Gressitt:** We are very grateful indeed to the seven speakers who have found it possible to come here and participate. They include some of the visitors from the east coast of the United States mentioned already by Dr Force. A discussant has been asked to comment on the remarks of each speaker. We are sorry to crowd so many speakers into one afternoon but we felt that in this busy age perhaps it wasn't fair to ask you to spend the whole day here. I shall not further diminish their time and will now introduce the first speaker who is Dr A. C. Smith, Director of Research, University of Hawaii. Dr Smith.