

MINUTES FOR FISCAL YEAR 2014

The following are brief synopses of the minutes of the meetings of the Hawaiian Entomological Society for the fiscal year 2014. The HES fiscal year runs from March 1 to the end of February of the following year. More detailed minutes are kept with the Secretary of the Society.

July

The 1115th meeting of the Hawaiian Entomological Society was held at the Department of Plant and Environmental Protection Sciences, University of Hawaii at Manoa, Honolulu, on Friday, 11 July 2014, with Helen Spafford presiding. Seventeen members and seven guests were present.

Program: Guest speaker Dr. Nicholas Porch, Deakin University, Australia, presented “Fossil-based insights into human moderated insect diversity decline on eastern Polynesian Islands (Hawaii, French Polynesia, Cook Islands)”.

Reports of Committees:

Science Fair: The 57th Hawaii State Science and Engineering Fair was held at the Hawaii Convention Center from 31 March through 2 April. The Chair reported that while entomology focused projects were at an all-time low, all but one project had an HES member serving as a mentor. The following students were selected as winners of The Kanjyo and Bertha Sakimura Awards:

Senior Research Division

First Place: Ms. Gabrielle Beniga (St. Andrew’s Priory): “The Effects of Pure Tea on the Longevity and Reproductive Cycle of *Drosophila melanogaster*.” Ms. Beniga looked at the effects of tea on *Drosophila*.

Junior Research Division

First Place: Ms. Aliyah Abanes (St. Andrew’s Priory): “What Effect Does Pesticide Treated Papaya Have on Oriental Fruit Fly Rearing and Mortality Rates?” Ms. Abanes compared rearing and mortality rates of the Oriental fruit fly with both commercially bought organic papaya and conventionally grown papaya. Dr. Ming-yi Chou and Dr. Luc Leblanc served as Ms. Abanes’ mentors.

Second Place: Ms. Anne Nakamoto (Waiakea Intermediate School): “A Study of the Food Preferences of the Recent Invader, *Cardiocondyla kagutsuchi* in Hale Pohaku.” Ms. Nakamoto once again partnered with Dr. Jesse Eiben to produce a great research project. This year Ms. Nakamoto’s project looked at the attractiveness of different baits (jam, peanutbutter or Spam) to *C. kagutsuchi* (Formicidae).

September

The 1116th meeting of the Hawaiian Entomological Society was held at the Department of Plant and Environmental Protection Sciences, University of Hawaii at Manoa, Honolulu, on Friday, 26 September 2014. Helen Spafford called the meeting to order at 4:30 pm. Twenty-two members were present.

Program: Guest speaker Patrick McPherrin, Colorado State Plant Health Director, spoke about “The Taxonomy of an Emergency Response.”

Reports of Committees:

Awards: President-Elect and Awards Committee Chair William Haines announced that the call for nominations sent out in June for the HES Awards FY 2014 produced no nominations to date. According to the HES By-Laws (1995; Article VI Section 10) award nominations require the following: (1) letter of nomination, (2) the nominee’s curriculum

vitae, and (3) one or more letters from peers. During an Executive Committee meeting, HES President Helen Spafford presented a motion to change the Constitution By-Laws award nomination process by making it simpler for members to nominate colleagues, with the updating of the HES By-Laws soon thereafter. Treasurer and Business Manager Darcy Oishi seconded the motion, the motion was carried. To encourage nominations of colleagues and to simplify the nomination process, an online form for submitting nominations was created. The form requires the nominee's name, affiliation, and a brief justification for the nomination. Additional information would be requested upon selection.

Notes and Exhibitions: Ms. Janis Matsunaga presented live specimens of *Secusio extensa* (Butler) (Lepidoptera: Arctiidae), the biological control agent released by the Hawaii Department of Agriculture targetting *Senecio madagascariensis* Poir (Asteraceae) in Hawaii. In light of many people not recognizing this biocontrol agent, Ms. Matsunaga wanted to familiarize members with this new moth and larvae, which many misidentify as stinging nettle caterpillars.

April

The Pacific Entomology Conference, the 1117th meeting of the Hawaiian Entomological Society.

The XV Pacific Entomology Conference (PEC) returned to the Hilton Waikiki Beach Hotel from 1 April through 3 April, 2015 with the additional celebration of the 110th anniversary of The Society. This PEC had record-breaking attendance with over 150 registered attendees. The program included the following symposia:

Pacific Biosecurity: Protecting What Matters Most

Organizer and Moderator: Darcy Oishi

Current Research on Fruit Flies in Hawaii

Organizer and Moderator: Roger Vargas

Here Today, Here Tomorrow: Persistent Pests in the Pacific

Organizer and Moderator: Mark Wright

International Pacific Invasive Ant Workshop III

Organizers, Cas Vanderwoude and Paul Krushelnycky

Moderator: Paul Krushelnycky

Native Arthropod Diversity: Expanding Frontiers

Organizers: Jesse Eiben, Karl Magnacca, and Daniel Rubinoff

Moderators: Karl Magnacca, and Daniel Rubinoff

Pollinator Health

Organizers: Ethel Villalobos and Danielle Downey

Moderator: Danielle Downey

Submitted Papers: Pest Management

Moderator: Zhiqiang Cheng

The XV PEC included the addition of several which encouraged active discussions in a working group setting. The **Biosecurity Forum** included attendees from various stakeholders and agencies around the State of Hawaii and the Pacific. This forum touched on measures the group could take to improve current biosecurity issues throughout the Pacific, and to be proactive on possible future problems. The **Biocontrol Forum** was a discussion on current research into prospective biological control agents for Hawaii invasive pest species. It also touched on various ideas for funding and collaboration with outside groups and agencies. The **Citizen Science Forum** presented past and on-going citizen science projects in Hawaii and one in Florida, and how more researchers can use citizen science in their work.

Awards:

The **Hawaiian Entomological Society 2014 Awards** were presented to the following members:

Lifetime Excellence in Entomology: **Francis G. Howarth**

Recognition for Outstanding Service to HES: **Darcy E. Oishi**

HES Student Excellence Award: **Jess R. Inskeep**

A post-conference field trip was organized by William Haines and Cynthia King, comprised a bioblitz of the Kulanaahane Trail in Moanalua Valley, Oahu. Five members and two guests participated, collecting and recording at least 58 arthropod species, five vertebrate species, and 21 plant species (for a list of species, contact the Secretary). Of particular note was finding the highly invasive lobate lac scale (*Paratachardina pseudolobata*: Kerriidae) on at least five native Hawaiian plant species in the area.

Many thanks are given to the PEC planning committee who worked hard on ensuring that conference attendees had an excellent experience, and to our volunteers who made sure all operations ran smoothly.

Planning Committee: William Haines, Paul Krushelnycky, Darcy Oishi, Helen Spafford, and Dick Tsuda.

Volunteers: Sayaka Aoki, Bishnu Bandari, Jerry Crank, Chelsea Hardin, Jess Inskeep, Christine Lynch, Sumiko Ogura-Yamada, Mike San Jose, and Amber Tateno.

Additional thanks are given to Cynthia King and David Sischo (DLNR-DOFAW) for their assistance in making the post-conference field trip possible and to Luc Leblanc for producing the anniversary slideshow.

Darcy Oishi produced a website dedicated to the Pacific Entomology Conference. You can find more information on the PEC (and for future conferences) at: <http://www.pacificentconf.org/>

MEMBERSHIP 2014

HONORARY MEMBERS

Balock, J.W.	Harris, Ernest J.	Mau, R.F.L.	Shiroma, E.
Conant, Patrick	Howarth, F.G.	Morrill, A.W.	Tamashiro, M.
Haramoto, F.H.	Look, W.C.	Samuelson, G.A.	Tanada, Y.

RETIRED MEMBERS

Andrews, W.B.	Heu, R.	McCombs, S.D.	Pinter, L.
Armstrong, J.W.	Higa, S.	McInnis, D.	Rutschky, C.W.
Brennan, B.M.	Hinkley, A.D.	McMahan, E.	Schaefer, P.W.
Brown, W.	Jamieson, D.	Nagamine, W.	Shimoda, L.
Early-Chun, M.	Kaya, H.	Nakahara, L.	Swift, S.F.
Easton, E.	Kohn, M.A.	Nakahara, S.	Tanabe, A.
Fujii, J.	Kunishi, R.K.	Nampompeth, B.	Teramoto, K.
Funasaki, G.Y.	Markin, G.P.	Oatman, E.R.	Thompson, F.C.
Haverty, M.	Matayoshi, S.	Pierce, L.	Yano, K.
			Yoshioka, E.

ACTIVE MEMBERS

Adkins, P.	Hasty, J.	Martin, C.	Richardson, M.
Bautista, R.	Hauff, R.	Matsunaga, J.	Rubinoff, D.
Bhandari, B.	Henne, D.	McHugh, J., Jr.	San Jose, M.
Burnett, E.	Hight, S.	McQuate, G.	Smith, C.
Burnham-Larish, L.	Inskeep, J.	Medeiros, M.	Snook, K.
Bushe, B.C.	Jameson, M.	Meyers, K.	Spafford, H.
Campora, C.	Joe, S.	Miller, S.	Starr, F.
Cheng, Z.	Johnson, M.T.	Montgomery, S.L.	Starr, K.
Craddock, E.	Kaholoaa, R.	Moore, A.	Strazanac, J.S.
Culliney, T.W.	Koga, R.	Nagamine, W.	Tateno, A.
Davenport, C.	Kruschelnicky, P.	Nisihida, G.	Taylor, A.
Dunlap, J.	Kumashiro, B.	Nisson, J.N.	Tornel, M.
Eiben, J.	Lance, D.	Ogura-Yamada, C.	Tsuda, D.M.
Evenhuis, N.L.	Leblanc, L.	Oi, D.H.	Urabec, J.
Follett, P.	Lee, S.	Oi, F.M.	Vargas, R.I.
Fukada, M.	Leong, M.	Oishi, D.	Vorsino, A.
Gagné, B.H.	Liebherr, J.	Peck, R.	Walguanery, J.
Gayle, S.	Liquido, N.J.	Perreira, W.D.	Wright, M.
Giffin, J.	Loechelt-Yoshioka, H.	Prestes, A.	Yalemar, J.
Grace, J.K.	Lynch, C.	Puliafico, K.	Yang, P-J.
Haines, W.	Magnacca, K.	Ramadan, M.	Yates III, J.R.
Hara, A.H.	Manoukils, N.	Reimer, N.J.	Yuen, N.

EXECUTIVE COMMITTEE

President.....	Dr. Helen Spafford
President-Elect	Dr. William Haines
Secretary	Ms. Janis Matsunaga
Treasurer	Mr. Darcy Oishi
Advisor	Mr. Dick Tsuda

