



Newsletter of the Michigan Entomological Society

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Breaking Diapause 2022

The 2022 Breaking Diapause meeting will be held on Saturday, March 19, 10 am to noon, as a live Zoom teleconference. I encourage you to prepare short presentations on collecting trips, insect rearing projects, taxonomic challenges, etc. that we can show to all participants. If you do create a presentation, send me (Duke Elsner at elsner@msu.edu) information on the topic and length of time needed by March 12 so I can organize the day and announce a presentation schedule before the meeting.

The Zoom link is

<https://us02web.zoom.us/j/82140989624?pwd=WmlldWc1cydHU4VlkrR0ZmdkZjZUT09>

Meeting ID: 821 4098 9624

Passcode: MESspring

68th Annual Meeting Update and Survey

Brian Scholtens, MES President-Elect

I am currently considering holding an in-person annual meeting at the North Central Michigan Community College in Petoskey on June 10-11. NCMCC has a nice meeting room that is pretty reasonable in price and we could schedule field trips at Wilderness State Park and even some night-time light sheet collecting for anyone is interested.

Annual Meeting Survey – please respond

It would be quite useful to know what the wishes of the MES membership are regarding an in-person Annual Meeting for 2022. Please let me know if you would likely attend an in-person meeting or if you think the Annual Meeting should be held virtually this year. Contact me at ScholtensB@cofc.edu to express your opinion.

Updating the MES Constitution and Bylaws

Robert Haack

The MES Constitution and Bylaws (C&B) were last updated in 2018. At that time many changes were made to allow online voting and related activities. However, in recent months, it was noted that many other aspects of our C&B require updating as well. So we (Bob Haack and John Douglass), are slowly working with the MES Governing Board (GB) to approve various changes that will later this spring be put to a vote by all MES members. Some of the proposed changes will deal with better descriptions of GB member duties, broadening the MES “non-discriminatory clause,” dropping references to MES Branches (we used to have 4 active Branches), and many more topics.

Honorarium Approved for the MES Journal Editors

Robert Haack & Mark VanderWerp

Back in mid-2021, our lead Scientific Editor of The Great Lakes Entomologist (TGLE), Kristi Bugajski, informed the MES Governing Board (GB) that she wished to step down from that position. An invitation to the MES membership was made soon thereafter to see if anyone would step forward and volunteer for the position. Unfortunately, no one came forward. Given that situation, Alicia Bray, our current Lead Production Editor for TGLE stepped forward and volunteered to take on both editorial positions at least through 2022.

In autumn 2021, a committee was formed to look into the possibility of having MES provide an annual honorarium to the two Lead Journal Editors. The thinking was that an honorarium might encourage more members to step forward into these roles, as well as to compensate them for the large amount of time and effort required to successfully discharge these duties. Three of the committee members (John Douglass, Bob

Haack, and Ron Priest) contacted other professional entomological and botanical societies to see if they provided an honorarium to their lead journal editors. They found that some organizations provided no financial incentive to their editors, whereas others did, from a low of \$500 a year to a high of \$5000 a year. Given these details, the MES GB approved an annual honorarium of \$1000 per year to the two lead editors of TGLE. The first honorarium was paid to both editors in 2021.

Announcements

Alicia Bray to Serve as Lead Production Editor & Lead Scientific Editor for the Great Lakes Entomologist

For at least 2022, Alicia has agreed to serve in both of these important roles. Thanks to dedicated folks like Alicia, the MES is in good hands to continue to serve its members.



Beetles of Michigan - Project Update

Bill Ruesink

As announced at the 2021 Annual Meeting and in the August 2021 Newsletter, Bob Haack, Gary Parsons, and I have begun compiling a list of Coleoptera known to occur in Michigan. Results are beginning to appear on the Beetles of Michigan website (<http://beetlesofmichigan.org/>).

To date 32 of the 113 families have been posted. Most of these are tiny families with only one to ten species occurring in the state. Larger families that are currently posted include Anthicidae, Buprestidae, Cantharidae, Cerambycidae, Cleridae and Coccinellidae. Anyone who knows of a species record that we have missed is encouraged to contact me at the email address wruessink@att.net. The goal is to have all 113 families online by the end of 2023.

Call for New State Species Records

Please consider preparing reports on any new Michigan species records from 2021 (and previous years) and submitting them for the next issue of the newsletter.

Please send your reports to Ron Priest at priest@msu.edu or 243 Natural Science Bldg., Michigan State University, East Lansing, MI 48824-1115.

Michigan State University Department of Entomology Loses Three Great Faculty Members in 2021

Last year saw the passing of two MSU professor emeriti, Frederick Stehr and Roger Hoopingarner, and professor Larry Gut. I knew them all fairly well.

Fred Stehr's great claim to fame was the two volume work "Immature Insects." I first met Fred around 1976 while this work was a long way from reality. I was fortunate enough to be working in the MSU Department of Entomology's graphics laboratory, where the line drawings for the book were being created. I saw the intense attention to detail and numerous revisions to each illustration. I have an original print of one figure: an illustration of a full-grown *Papilio cresphontes* larva.

Fred and I became good friends while I was a student in his insect systematics course. This led to me being a teaching assistant for the course for a couple of years. Our favorite part of this course was setting up the lab quizzes and exams, which was our opportunity to vex students with interesting specimens. After setting up the specimens and scopes we would lock the lab doors and dash off to a bagel shop in East Lansing for a quick lunch. The very best of all quiz days occurred when we found an antenna baked onto the surface of the top half of a bagel. We bolted back to the lab and added the bagel to the quiz. As I recall, nobody was able to identify that specimen beyond the Phylum Arthropoda. Fred and I were pretty certain it was from a house centipede.



Roger Hoopingarner was the Department's apicultural specialist for many decades. I never had a class from Roger, but we became friends in the classroom- we were both enrolled in the same class on modeling biological systems in the late 1970's. This was a relatively new field at the time, and it interested Roger enough to



sign up for the class. We ended up in the same student team, creating a model for nectar production and replenishment in relation to honey bee visitation in Michigan apple orchards. We had a darn good team. Another member, Gloria Degrandi-Hoffman, is now the Research Leader at the Carl Hayden Bee Research Center, USDA-ARS, Tucson, AZ.

In his later years, he created the Roger and Barbara Hoopingarner Endowed Graduate Fellowship in Entomology to fund graduate assistants and, most recently, the Roger Hoopingarner Endowed Professorship in Apiculture and Entomology.

Larry J. Gut was the tree fruit entomologist in the Department since 1997, with an international reputation for world class research and extension. It was my great pleasure to work with Larry on tree fruit arthropod issues in the Traverse City area while I was an Extension Educator with MSU.



MSU's Department of Entomology is raising funds to establish the Larry Gut Memorial Endowed Scholarship Fund. With a goal of raising a minimum of \$50,000, this fund will support undergraduate and graduate students in the Department. The Larry Gut Memorial Endowed Scholarship Fund will honor Larry's love of scientific exchange and

build new research collaborations, continuing his legacy as a professor who supported his students. The goal is to establish an endowment that will continue in perpetuity to provide scholarships from the accrued interest. If you are interested in donating, please visit <https://givingto.msu.edu/gift/?sid=12779>

MES Historical Notes for 2021

Robert A. Haack

1996 – 25 years ago. In 1996, Cathy Bristow was President; Dan Herms was President-Elect; Richard Roeper was immediate Past-President; Mo Nielsen was Treasurer, Ned Walker was Secretary; Karen Grimmes, George Balogh, and Tom Wallenmaier were the three Members-at-Large; Mark O'Brien was Journal Editor; and Bob Haack and George Heaton were the Newsletter Editors. The 42nd MES Annual Meeting was held at MSU's Kellogg Biological Station on May 17, 1996. There were 15 contributed talks and two invited talks, one by Steve Malcolm, Western Michigan University, on monarch butterfly migration, and the other by Carl Wilson, USFWS, on laws affecting collecting and transporting insects and other wildlife. The contributed talks covered topics such as the Allegheny mound ant, beetle predation on Homoptera, using leaf packs to collect macroinvertebrates, mosquito attractants, fungal associates of ambrosia beetles, reproductive systems, fruit flies, indirect effects of insect herbivory, new moths of Ohio, midge behavior, status of the endangered American burying beetle, bark beetle outbreaks in Guatemala, evaluating a European clerid for release in USA, weevil feeding on milkweed, and an update on the Michigan Lepidoptera Survey. Some of the stories contributed by members that appeared in the 1996 MES Newsletters dealt with Research Natural Areas on US Forest Service land, prairie insects, discovery of Asian longhorned beetle in New York, fall monarch migration counts in the UP, restoration activities for the endangered three staff underwing and Mitchell's satyr butterfly, formation of the Michigan Odonata Survey, and the pine shoot beetle compliance program for nursery and Christmas tree managers. At the beginning of 1996, MES had 440 members and 177 journal subscriptions. MES annual dues increased in 1996 to \$15 per year for active

members, with students staying the same at \$5 for students and \$35 for libraries. Journal page charges were \$35 per published page.

1971 – 50 years ago. In 1971, Richard Snider was President; Dean Dillery was President-Elect; Julian Donahue was immediate Past-President; Mo Nielsen was Executive-Secretary as well as Editor of the MES Newsletter; and Irving Cantrall became the new journal editor for *The Michigan Entomologist*. The 17th annual MES meeting was held at Albion College on May 21st with about 40 members present. Some of the contributed talks covered Michigan Membracidae; wing-folding patterns in staphylinid beetles; famous entomologists; life histories of Michigan grasshoppers, bumblebees, spiders, and leaf-mining flies; and collecting in South Africa. A name change to the journal (*The Michigan Entomologist*) was voted on in 1971, and in 1972 the journal was renamed to *The Great Lakes Entomologist*. Some items discussed in the 1971 MES Newsletters included the discovery of the western corn rootworm and how to make a portable cage for studying insects in the field. Dues in 1971 were \$4 per year for active members \$2 for students, and \$6 for library subscriptions. As of early 1971, MES had 517 active members and an additional 192 library subscriptions for the journal. Page charges to publish in *The Michigan Entomologist* began in 1971 (with volume 4) at a rate of \$18/page.



2021 MES Officers and Governing Board

President - Mark VanderWerp
President-Elect - Brian Scholtens
Immediate Past President - Duke Elsner
Secretary - Adrienne O'Brien
Treasurer - Angie Pytel
Member-at-Large - William Ruesink
Member-at-Large - Robert Haack
Member-at-Large - Crystal Dailey
Member-at-Large - Ralph Gorton
Newsletter Editors - Crystal Dailey and Duke Elsner
Webmaster - Mark O'Brien

The Great Lakes Entomologist Team

Lead Journal Scientific Editor - Alicia Bray
Associate Journal Editor - Kristi Bugajski
Associate Journal Editor - Anthony Cognato
Associate Journal Editor - Julie Craves
Associate Journal Editor - David Houghton
Associate Journal Editor - William Ruesink
Associate Journal Editor - William Scharf
Associate Journal Editor - Daniel Swanson

MES 2022 Dues Schedule

Active Member	\$ 25
Sustaining Member	\$ 35
Student Member	\$ 12
Lifetime Member	\$ 500

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We would love to include MES member photos in future newsletters or on the MES Facebook page.

Submit your favorite images to the MES Newsletter Editors:

Duke Elsner: elsner@msu.edu or

Crystal Dailey: daileybugologist@gmail.com.