



# Newsletter of the Michigan Entomological Society

Volume 59, Numbers 1 & 2

June 2014

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## MES Will Soon Have a New Treasurer

**T**ina Ciaramitaro has been the MES Treasurer since 2010 but later this summer she will be leaving Michigan and moving to Mississippi. Tina will hopefully retain her membership in MES in years to come, but she plans to resign as Treasurer. At the recent MES Annual Meeting, Dave Houghton from Hillsdale College, stepped forward and volunteered to be the next Treasurer of MES. Thank you Tina for serving as Treasurer these past four years, and especially for setting up the MES paypal account and working with the IRS to get our non-profit status back. And many thanks to Dave for taking on this important responsibility.

## 60<sup>th</sup> Michigan Entomological Society's Annual Meeting 13-14 June 2014 -- Saginaw Valley State University, Saginaw, MI

**T**he 2014 MES Annual Meeting was held at Saginaw Valley State University (SVSU), in Saginaw, MI on Saturday, 14 June 2014. The guest speaker was Dr. Eric Benbow, who is the new aquatic entomologist at Michigan State University. The meeting was a great success. Abstracts of the talks will be printed in the fall 2014 MES Newsletter. Thanks to (then) President-Elect Dave Stanton for organizing a great meeting.

## Sphingid Records: Old and New

**Erwin 'Duke' Elsner**  
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**A**lthough I am more known for working with butterflies, I have long been fascinated with the wonderful family of hawk moths and hornworms -- Sphingidae. As a young boy working on my uncle's farm I would come back in from the tomato patch with a dozen or so tomato and tobacco hornworms clinging to my clothes, hoping to take as many home as my parents could stand so I could raise them to adults.

In the early 1970s I had the pleasurable duty of operating a blacklight trap for Michigan State University's pest survey program. This was a great experience, and I got to keep all of the interesting insects that were trapped. I ran the trap at my home in Stevensville (Berrien County, MI), which turned out to have a good diversity of sphingids. I recorded 20 night-flying species in the trap and five more species as day-flying adults or by finding larvae before I started living near Michigan State University year-round.

My proudest capture was an adult female specimen of *Eumorpha fasciatus*, the banded sphinx, on 28 August 1973.



*Eumorpha fasciatus* (Sulzer)

This was the first recorded capture of this southern species in Michigan. It was still alive in the trap when I opened it -- I greatly regret my failure to think of photographing it before I put it into the killing jar. I cherished this specimen and held it in my personal collection until well into the 1990s before I decided it was more appropriate for it to be housed in the A. J. Cook Arthropod Collection at MSU. *Continued on page 2*

## 2014 Election Results

**T**he results of the 2014 MES elections were announced at the recent MES Annual Meeting in Saginaw. The voting was extremely close for both positions, but when the counting was done **Angie Pytel (Hillsdale College)** was elected as the new President-Elect, and **Mark Vanderwerp (Rose Pest Solutions)** was elected as the new Member-at-Large. We thank the other two members who entered the elections this year (**Mark O'Brien** for President-Elect and **Ted Herig** for Member-at-Large) and hope that other members will be willing to run for office in MES.

## 2014-2015 Officers of MES

President .....	David Stanton
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### Current Annual Dues Schedule

Student (through Graduate School) ....	\$12.00
Active .....	\$25.00
Sustaining .....	\$35.00
Institutional .....	\$45.00
Life .....	\$500.00

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*Aellopos titan*, Keweenaw County, 29 June 2013. Photo by Jim Hay.

Continued from page 1

My second lucky take of a state-record sphinx moth came in 2005, this time it was a western species. I had been living in the Traverse City area for 15 years by then, but doing very little light trapping due to family commitments, work, and living in a very residential area. In 2004 I moved to a home in the open spaces west of Traverse City and I started sampling the night air again. In addition to my blacklight trap that was operated in the back yard, I made frequent trips to a very brightly lighted gas station/party store about one mile from my home. On 12 June 2005, I took a male *Sphinx vashti* at the party store lights, and another male was taken at home in the blacklight trap on 14 June 2005. One specimen would have been exciting enough, but two! The nearest known records for this moth were in the Dakotas. Just to be sure I had Mo Nielsen verify my determination. Over the next two years four more specimens were taken in my home light trap, including one female. I was ready to believe that there may be a local population of the species, but I have been unable to locate any of the known food plants (snowberry, *Symphoricarpos albus* and coralberry, *S. orbiculatus*) in northwest Michigan. No further specimens have been seen since 2007.

My most recent state-record sphinx story is one I'm not so proud of, as I really did not demonstrate keen powers of observation in the process. On 10 June 2013, I took one very worn sphinx moth specimen out of my blacklight trap, declared it to be a *Hyles gallii* and stuffed it into my bug room freezer. On 16 July, a person from Leelanau County sent me a photograph of a hornworm caterpillar that they could not identify. I determined it as *Hyles euphorbiae*, the spurge hawk moth, a new species for Michigan. *Hyles euphorbiae* is a European species that was released in several western states in the 1960s and New York in 1976 for biological control of leafy spurge, an invasive weed that is native to Europe. I immediately walked to the back edge of my property where I knew I had a good patch of leafy spurge, and behold, not a spurge leaf was in sight! I probably had a good number of larvae working on my very own spurge for the last few weeks.

Then it occurred to me, *was I sure* that worn sphingid from 10 June 2013 was *H. gallii*? A fast search through the

refrigerator turned up the specimen, and to my chagrin, it was indeed a very beaten individual of *H. euphorbiae*. In late July a nice series of very good condition *H. euphorbiae* adults started arriving at lights at my home. In total, 11 adults were taken in 2013, as well as two larval specimens from nearby sites.

2013 turned out to be a very interesting year for sphinx moth finds in Michigan. A titan sphinx, *Aellopos titan*, was photographed nectaring on vetch in Keweenaw County on 29 June. The nearest breeding range of this species is in Mexico. This species has been taken in the Upper Peninsula on seven prior occasions, but only twice in the Lower Peninsula. On 10 September an adult *Eumorpha fasciatus* was found resting on a soft drink can in Marquette County. This is a fair bit farther north than my 1973 Berrien County record.

## 2014 New State Reports

**E**rwin “Duke” Elsner submitted two sphingid moths as new state records for Michigan this year. It is interesting to note that one of these species was collected over 9 years ago. Another example of a persistent enthusiast! In fact this writer knows that Duke has been in the field for over 40 years searching for specimens! Great work, Duke! If you cite these records in any publication, please use the scientific name as the title and the collector as the author of the submission.

**Ronald J. Priest:** Michigan State University, Department of Entomology, East Lansing, MI 48824. Email: priest@msu.edu



*Sphinx vashti* Strecker, male  
(Lepidoptera: Sphingidae)

Submitted by Erwin A. Elsner

Location: Michigan, Leelanau Co.,  
Traverse City (N 44.775 W 85.753)

Date: 12 June 2005

Taken at light

Collector: Erwin A. Elsner

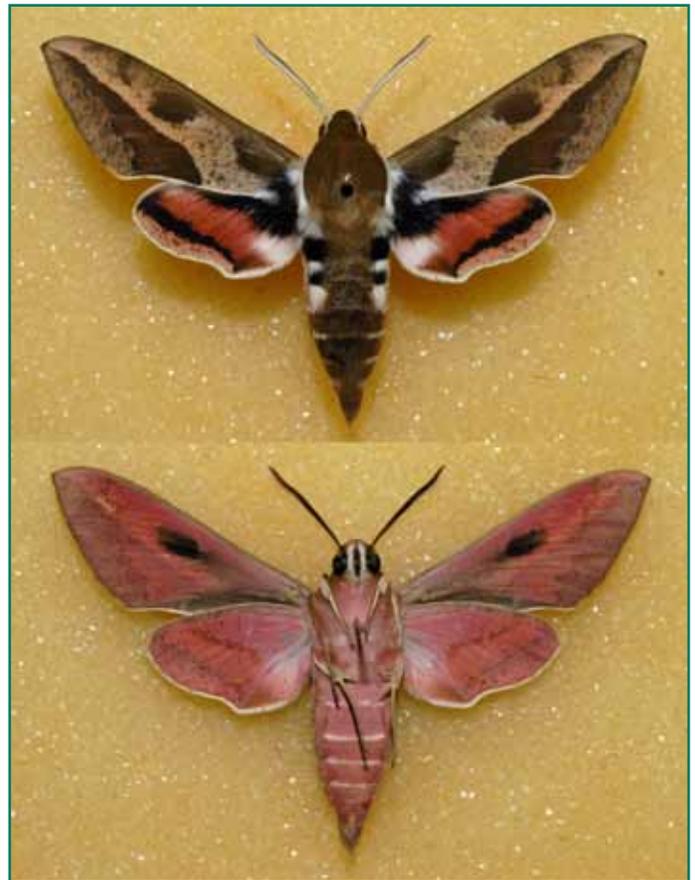
Identifier: Mogens C. Nielsen

Photo by: Erwin A. Elsner

Specimen deposited in MSU A. J. Cook Research  
Collection

If one considers the Upper Peninsula to be a separate US state, this could be a new state record! Yet another valid reason for secession.

*Eumorpha fasciatus*,  
Marquette County,  
10 September 2013.  
Photo by Rose Sunne.



*Hyles euphorbiae* (Linnaeus), male  
(Lepidoptera: Sphingidae)

Submitted by Erwin A. Elsner

Location: Michigan, Grand Traverse Co.,  
Traverse City (N 44.763 W 85.737)

Date: 31 July 2013

Taken at MV light

Collector: Erwin A. Elsner

Identifier: Erwin A. Elsner

Photo by: Erwin A. Elsner

Specimen deposited in collection of Erwin A. Elsner

## The Society Honors Eight Charter Members

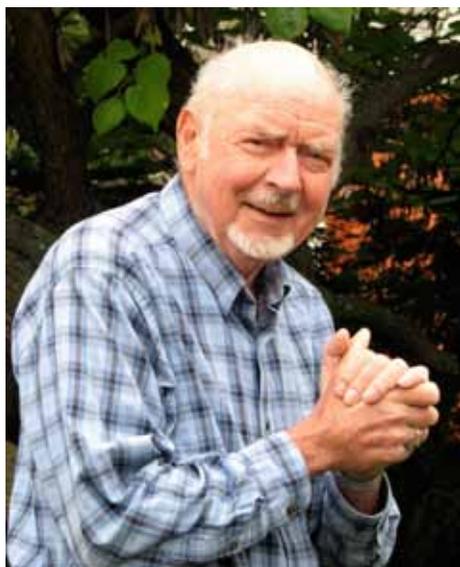
### David L. Wagner

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(The following text was republished from a 2011 tribute to eight Charter Members of “The Lepidopterists’ Society,” including Mo, under the above title and author. Source: *News of The Lepidopterists’ Society* 53(1): 8-14.)

**M**ogens C. “Mo” Nielsen (b. 9 April 1926, Dianalund, Denmark). Mo’s family moved to Detroit when he was three. From his earliest recollections, Mo was curious about all aspects of natural history—amphibians, birds, insects, plants, and rocks. It was a grade school teacher, Mrs. French, who sparked his early interest in Lepidoptera, by exposing her students to cocoons and caterpillars as part of their nature studies. Many of his projects in the Boy Scouts involved entomology and various aspects of natural history. Mo enlisted in the Army Air Corps right out of school; after WWII he entered Michigan State University where he studied forest management. It was at MSU that he met John Newman, one of



Mo in his Lansing backyard in 2007



the state’s premier lepidopterists, who mentored Mo, and helped him to engage in more serious studies of butterflies and moths. After graduation, he worked with the U.S. Forest Service for two years, then took a job with the Michigan Department of Natural Resources where he worked for 37 years as a forester, land appraiser, and head of the Great Lakes Submerged Lands Program. The butterfly and moth fauna of Michigan has been a lifelong interest of Mo’s. And while butterflies, especially Lycaenidae and HesperIIDae, have held preeminence, *Catocala*, *Papaipema*, and other noctuoids remained a close second. In addition to his 1999 book on Michigan Butterflies and Skippers, Mo has authored a dozen papers on Lepidoptera. Other life-long interests include life history studies, bogs, Michigan floristics, and biogeography. Over the past four decades, he played a central role in the Michigan Entomological Society, serving as the president (1964-1965), chair of the editorial board (1966-1967), executive secretary (1968-1991), and treasurer (1964-2005). His private collection, which numbers in excess of 20,000 specimens, is housed at his home in Lansing. He still works two days a week as an Adjunct Curator in the entomology collection at his alma mater MSU, an effort to which he has been steadfastly committed for some 40 years. This coming field season he will again be headed up to his Quonset hut-bug hunting camp in Otsego County, near Gaylord, Michigan, like so many summers before, to collect and enjoy the northern Michigan summer with friends and colleagues.

**MOGENS C. “MO”NIELSEN**  
Age 87

**April 9, 1926**  
**February 25, 2014**



**Left: John Newman on a collecting trip with Mo and others in the UP. John mentored Mo on many aspects of collecting Lepidoptera. John’s personal collection of over 10,000 specimens of Lepidoptera was donated to MSU and largely curated by Mo. Above. Sorting insects from the previous night’s trapping efforts in 1970. L to R, Bill Taft, Mo, Glenn Belyea.**

### Mo’s Service to MES

**M**o Nielsen served MES in many capacities over the past several decades, and in fact, Mo served longer on the MES Governing Board than any other member to date. Although Mo did not attend the organizational meeting of MES in 1954, he was present at the 1st Annual Meeting of the Society on the MSU campus in 1955 (see photo on p. 11). Mo first joined the MES Governing Board in 1963 as President-Elect, and then served as President in 1964-65. Mo took on the role of MES Executive Secretary in 1968, which included the responsibilities of both the Secretary and Treasurer, and held that position until 1992, a total of 25 years. In 1993, the Executive Secretary position was split into Secretary and Treasurer, and Mo then served as MES Treasurer through 2004, another 12 years of service. Overall, Mo served on the MES Governing Board for over 40 years, which equates to two-thirds of MES’ current 60-year lifespan (1954-2014). That record of service will likely never be broken. On the next several pages are stories that various MES members submitted as remembrances of Mo, as well as a story by one of Mo’s daughters on the history of “The Hut” (p. 5) and another of Mo’s work with the State of Michigan by two of his former co-workers (p. 8). If others have stories they would like to share, please send them to me and I will print them in the Fall 2014 issue of the MES Newsletter.

**Robert A. Haack, Newsletter Editor**

## The Hut

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In the beginning, it was “the 40.” The name was simple enough, but eventually became “the HUT.” That name has endured and means more than ever now, as our attachments to it age and its legends grow -- year by year, inch by inch -- like the

pine seedlings that were first planted as the first bloom of love.

The “HUT” came to be when my grandfather, Gunnar Claudius Nielsen, an immigrant from Denmark, purchased the 40, lush, treed acres from Lew Smith, a former DNR man, in 1955. The silver building, affectionately called, “The HUT,” was bought from the city of Detroit for about \$175. The original hut was twice the length of that which rests on the “40” today. A labor of love, the HUT was dismantled and reassembled on the “40” during the summer of 1956.

About 50 years ago, during the fun, careless time of yester-year, over 15,000 red pine seedlings were eased into the ground by family eager to see the fruits of their labor grow. Additional bundles of mixed trees and shrubs were added a few years later.

Today, those majestic pines, along with aspens and cedars, stand guard against man, nature and the elements.

The “HUT” was a favorite spot for family gatherings in the 1950s and 60s, when life was slower, simpler. As the years marched on, deer and bird hunting brought family and friends to gather and then came the entomologists! Who knew that finding a rare species of moth or butterfly would become more productive than sitting in a blind patiently scouring the horizon for deer!

It is hard to define what makes the “HUT” so special, even after 50+ years! Few words can actually describe the calming effect the “40” and the “HUT” have on a tired, weary soul. The drive to the “HUT” itself, gives one cause to reflect on life. Once there, the outhouse provides yet another secluded area to pause and regroup! No one can escape conversations and snoring due to the curved walls! The hum of the refrigerator is as calming as



Sandy and Karen (Mo's daughters) holding Mo's bounty, 1958



Mo and family at the Hut in 1958

a mother's heartbeat to her unborn child. The gurgling of water in the pump is an exciting sound, bringing forth cold, pure water from the depths of the earth. The grumpiest of souls are healed with the fragrance of the pines and the bracken in the early morning dew.



Mo (pictured) assembling the Hut with help from brother Bendt and Bendt's brother-in-law Don White during 23-29 June 1956.

Five generations of our family and countless friends have grown to love the “40” and the “HUT”. It is a reminder of the good old days and it **will** continue to be a source of many, happy memories for years to come.



Mo at the Hut in February 1980

# Martinoptera

Mo

**Martin J. Andree**

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**G**ood brands often consist of signature items, convincing backgrounds and consistency of the message. Good brands are hard to come by. Good brands, really good brands last for a long, long time. Good brands are built around a brand promise.

Think of Levis, their signature 501 blue denim jeans, their convincing story of how they cut their teeth with the miners and tough guys of the wild west, their consistent brand message of durable quality and their brand promise that you are somehow transformed into something just a little bit better, a little bit cooler, and maybe even just a little bit smarter, when you wear them.

The best brands are those that we interact with, embrace and most importantly, believe in. We actually use these brands to help define ourselves, to show to others who we are, what we believe in, and what is important to us. The examples are everywhere: Marlboro Man, Harley riders, Apple aficionados, Ford truck guys, LL Beaners, Starbucks drinkers, Rolex wearers, and Nike runners. The list is long and our allegiances often stay with us for life.

Most can be bought, but the more rare brands, the truer, most coveted ones, are personal brands. They are more experiential and less tangible, appear ephemeral, but can endure in our spirits and memories forever. These brands are personal, the personal brands of some of our best friends. To have the opportunity to experience and be a part of the Mogens Claudius Nielsen Brand has been the pleasure of all who have met him.

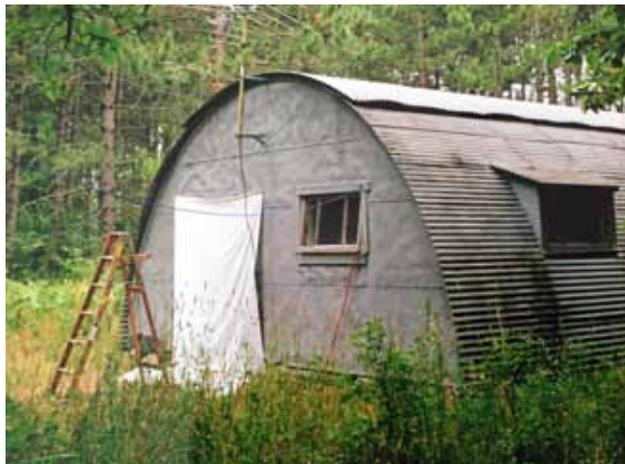
Let's start with his signature item. He had several; from his battered old white field hat to his well worn collecting gear, but perhaps, in it is his beloved "Hut" in Otsego County that was his most memorable signature item. Even now, while on a flight to Hong Kong, I can plainly see the details of Mo's moth base camp. Every part of the Hut was part of Mo. He found

the land while looking for property, while employed by the State of Michigan. He and his brother bought the army surplus Quonset hut in Detroit and moved it up to Otsego County.

Like Mo, the building was strong and serviceable and didn't have any unnecessary trifles. The building was there for a singular purpose: to enjoy the outdoors, and enjoy Michigan. This was one of the most singular tenets of Mo's brand: to enjoy Michigan, and with him as our fearless leader, our excursions too many to list, we did.

Mo was at the Hut often. In the autumn with family and friend for deer season, then again with a different set of friends and more family for one of his favorite events, the snowshoe hare season. Ultimately the rest of the year was devoted to Mo's real passion: Michigan Lepidoptera. Another signature of Mo's brand: friends and family are everything. "Take time to enjoy them," he'd say, and we did.

The hut was not without many labors of love. I was glad I was there to help when we replaced the original red pitcher pump that sat above the sink. I had to bring an acetylene torch and a pair of 36-inch pipe wrenches to remove the old one. We had fire and we had smoke and I must admit language was getting bit on the salty side when I scorched the counter and set a stack of paper plates stored below the sink ablaze. After a few trips to Gaylord for parts and more than a few beers, we had water coming from the new pump. Mo laughed through it all, patient as ever. Another time the mission was to tear out the old oil heater and replace it with a new wood burner. Again there were many trips to Gaylord, truckloads of tools and beer. The temperature inside the Hut had already dropped to 40 when we fired up the new stove for the first time. We got heat, but along with it came the unbearable stench of the new stove paint burning off and filling the Hut with acrid smoke and haze. We tumbled out into the frosty night hooting and



hollering with tears of laughter in our eyes. Mo's brand of handling adversity always involved a lot of mirth and laughter. Mo's brand was serious about many things, but he always enjoyed playing the jester and making us laugh, and while with him, we did.

Other than necessary replacements, the Hut never changed much, neither did Mo. He was constant. The ritual of eggs in the morning, fried up in that battered old frying pan with a mended handle. Served up piping hot on paper plates, eaten with gusto at the kitchen table, covered with oilcloth that might have even been original equipment when they bought the place. The fold-up bed in the corner that no one slept on because the old couch in front of it was infinitely more comfortable. The red stag antler rack hanging above the door that his father had shot in Denmark, the odd collections of TV trays, board games and classic woolen hunting jackets were all part of the aura of constancy. Mo was an inspiration to be content with small means, to learn to enjoy what you have, and we did.



Martin and Mo at the Hut, June 2012



When it came to collecting at the Hut, nothing could have been more memorable or enjoyable. To collect with the Master in his home range, it was always an honor. If you got there early, it was a quick turn around to get your UV traps out on a stump in the ferns and your bait traps slathered in gooey bait and hung up appropriately, then it was back to the Hut to get out the sheet that hung on the back wall and set up a sun lamp on an old rickety step ladder. It didn't matter that it was 1 in the afternoon; the idea was to be tactical and be prepared. If you happened to get there late, Mo would always cry out, "Welcome my Friend! We have 26 bait traps and 9 UV traps all over Otsego County! Where have you been? Come on in and have beer and some of Ginny's cookies! Skol my friend!" Be tactical and be prepared he taught us, and we were.

We would stay out to all hours, dozing here and there, but always someone was out every hour or so to "check the sheet." It was infectious when you were there. The idea was to collect moths and that's what we did. We were not there to sleep. Not with Mo. Even after staying up half the night, it was de rigor



Mo in his office at MSU

that Mo was out of bed and moving about early, I mean black morning early. Always the joker, he would be banging around the kitchen making coffee while wearing his Rudolf the Rednosed Reindeer boxers in July and crying out some old Danish proverb about "Pouring the water off the potatoes." It was time to get out and start seeing what treasures the UV and bait traps held and there was no time to waste. Time is precious, live to the limit, and we did.

My memories of Mo are really the story of the Mo Brand attributes. He had everything it took to have a classic brand. The Hut was a wonderful signature item, his background of honesty and friendship were enviable, and his consistent brand message of spending time in, as he used to say, "This Great State of Michigan," with friend and family, doing what you love were lessons of life well taken.

Like Levis, the brand of Mo, of having the privilege of knowing Mo, of being his friend, somehow made me just a little bit better and a little bit cooler and a just a little bit smarter when I was with him. To collect with Mo was to embrace what Mo believed in, his land ethic, his never-ending enthusiasm to discover, and his unquenchable thirst to learn more. These traits helped to define Mo and by association define his friends. It helped to show others who we were, what we believed and what was important to us. He wanted to teach us that, and he did.



## Mo Nielsen and Michigan's Lakes and Rivers

John R. Halsey and Thomas P. Graf

**M**o Nielsen's impact on the use, understanding, and protection of Michigan's Great Lakes and their connecting rivers cannot be overstated, although Mo would deny it. As head of Michigan's Submerged Great Lakes program in the mid-1970s, Mo inherited the ethos of protection of state-owned shipwrecks on Great Lakes bottomlands handed on to him by predecessors like James Bryant and George Bruso. Mo's friendliness, yet seriousness, his background and experience on a variety of early forerunners of what would later become Michigan's "Underwater Salvage and Preserve Committee," gave those of us who served in those early days, a template of what a "state official" should be. Even after his retirement, Mo would periodically "check in" to find out what was going on. When Tom Graf took over some of Mo's myriad responsibilities upon his retirement, Tom was able to move seamlessly into the shipwreck realm. This background allowed us to develop a meaningful state shipwreck management program that would ultimately strongly support the establishment of the Thunder Bay National Marine Sanctuary in Alpena, the first freshwater national marine sanctuary



Mo presenting the Executive Secretary's report at the 1983 MES Annual Meeting

in the United States and the first devoted entirely to shipwrecks. All of this can be traced back to Mo's early level-headed support in preserving Michigan's shipwreck heritage.

Mo's dedication and commitment over 35 years to protecting Michigan's water resources rubbed off on his fellow workers, the general public and even those he faced in the numerous court cases in which he participated. Everyone came away with much respect for his efforts. Mo referred to himself as a "curbstone attorney" since his testimony in those court decisions was key to establishing the legal framework for the State of Michigan's management of the Great Lakes which continues to this day. Mo was famous for training new staff members by drawing out situations involving Great Lakes shorelines on the back of napkins during cafeteria coffee breaks. He even came back willingly after his retirement to record much of his knowledge on over 1,000 files dealing with Great Lakes shoreline real estate issues and property rights. That was far too much knowledge to let fade away. As we all know, Mo was a true gentleman. He always said, "Fight the Good Fight—Keep the Great Lakes Great!"

**John R. Halsey (jrhalsey1943@gmail.com)** was Michigan's State Archaeologist from 4 April 1976 to 31 December 2010. Early in his career, Halsey met Nielsen at an "Underwater Salvage Committee" meeting. It was through their shared "maritime" responsibilities, Nielsen's through the Department of Natural Resources and Halsey's, originally through the Department of State where the state's historical agency was then housed, that they established a career-long mutual relationship focused on preserving Michigan's underwater cultural heritage.



Mo in 1968 as the new MES Executive Secretary

**Tom Graf (Graft@michigan.gov)** is an Environmental Quality Specialist with the Water Resources Division in the Michigan Department of Environmental Quality (DEQ). Tom has been with the Department of Natural Resources and DEQ since 1986. Tom is responsible for administering the State of Michigan's Great Lakes submerged lands management program which includes construction permitting, leasing of Great Lakes bottomlands for commercial and private purposes, and administering the state's shipwreck management program. Mo developed Michigan's Great Lakes submerged lands program from its beginnings in the late 1950s. Mo hired Tom a year before he retired and passed on much of his knowledge regarding Great Lakes shoreline and bottomlands issues that has made Tom's job much easier through the years.



Three famous Michigan lepidopterists on a collecting trip in 1966: Virgil Warczynski (1924-1982), Wilbur S. McAlpine (1888-1977) and Mo

## Collecting with Mo in Wisconsin

Les Ferge

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I was fortunate to meet up twice with Mo to collect in Wisconsin. The purpose of the second trip was to acquaint Mo with the Northern Blue (*Plebejus idas nabokovi*), which was known from just two small areas in Wisconsin since the early 1950s. This species was not known from Michigan's Upper Peninsula until 1979, when Jim Parkinson collected a specimen just north of the state line in Dickinson County near Iron Mountain. On 4 July 1980, Mo, Jim and I met up. After searching near Iron Mountain, we proceeded to Florence County, Wisconsin, where a thriving colony of Northern Blue was located. We had great timing, with the flight near its peak and Northern Blues flying in abundance. It was always a great mystery why the Northern Blue was not much more widespread in dry, sandy barrens habitats like the area we were in. The larval host was not known, but we speculated that legumes were a possibility, given that legumes are larval hosts of some of its near relatives. However, the only legume in the area was White Clover, which couldn't possibly be a limiting factor in the Northern Blue's distribution. Later in the day the excitement began. Mo had discovered females laying eggs on a small, low blueberry-like plant, which was not quite like the usual suspects found in such habitats. After we witnessed numerous instances of oviposition, I picked a sample of the plant to take to the University of Wisconsin Botany Department for identification. The plant turned out to be Dwarf Bilberry (*Vaccinium caespitosum*), which got the botanists really excited as the plant was believed to be extinct in Wisconsin.



Mo collecting his first Northern Blue



Mo instructing Les Ferge on the finer points of insect collecting at the MES Annual Meeting in Midland, MI, 1982

I was able to inform them of a second Wisconsin site where the Blues occurred. I was privileged to be Mo's co-author on a paper reporting this discovery, which was published in the Journal of The Lepidopterists' Society in 1982.

Nielsen, M.C. and L. A. Ferge. 1982. Observations of *Lycaeides argyrognomon* Nabokov in the Great Lakes Region (Lycaenidae). Journal of The Lepidopterists' Society. 36(3): 233-234.

## Collecting with Mo in the Big Lake Area, Baraga County, Michigan

Harry King

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We had been on a spring collecting trip in Michigan's western Upper Peninsula, looking for new locations for the bog-obligate lepidopteran species when the weather turned sour. On such occasions, Mo and I would use the time to look for other locations to return to later on when the weather would cooperate and this time was no different.

We finished sampling at the Mastodon Bog Area in Iron County when Mo said there was an area further north in Baraga County called Big Lake Campground where he remembered camping some time earlier, but all he could remember was it was a place that he had wanted to return to. So we headed north to Big Lake. In

the rain and cold we looked over the entire Big Lake area. Mo believed it to be right for several of the species we were looking for and decided to return to it at a later date when the weather would be better.

It was getting late in the day so we decided to camp there. The rain had now stopped and it had even warmed up a bit so we planned on baiting a trail we had driven by on the way into the campground. Once the trail was baited, we had a little something to eat and waited for dark. On our first trip down the trail we knew things were not good. Buzzing around us were the largest mosquitoes either one of us had seen and never have we seen anything like them since. Our lightweight jackets were no match for these blood suckers of the air who pierced through our clothing, nailing us over and over again despite our hollers of pain. Neither one of us could tolerate their relentless attack as they followed us back to the station wagon where we had planned on sleeping, but we just had to get out of there. Mo said that was the only time he could remember the mosquitoes being so bad that he had to leave without even checking the bait.

Over the next several seasons Mo's keen sense of the area paid off. He discovered and vouchered *Boloria freija*, *Boloria frigga*, *Boloria eunomia*, *Oeneis chryxus* and *Oeneis jutta* all in the Big Lake Campground area that we had explored that day.

## Some Memories of Mo Nielsen

### Mark F. O'Brien

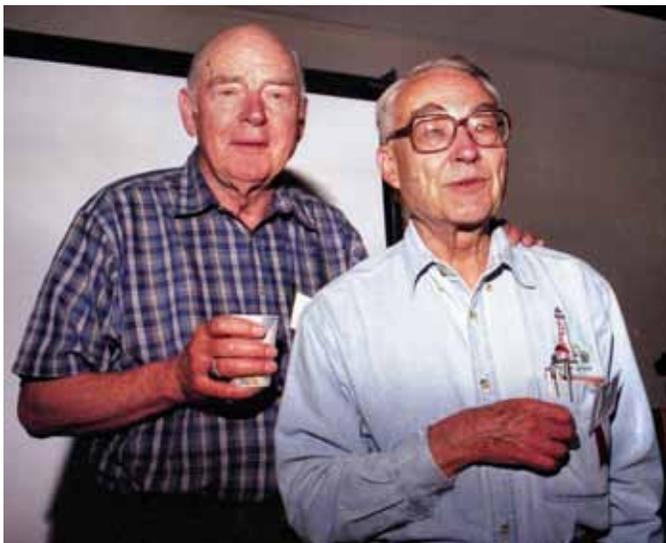
Museum of Zoology, University of Michigan, Ann Arbor, MI. Email: mfobrien@umich.edu

I arrived in Ann Arbor in 1981, a fresh-faced recent graduate from Syracuse, NY. I joined MES that year, and attended my first MES meeting in 1982, which was held at the Chippewa Nature Center in Midland. Mo Nielsen immediately made me feel at home, with his genuine enthusiasm to see a new person, a welcoming smile and a pat on the back. That is one of the things I will always remember about Mo -- he genuinely loved what he did, and was always willing to share his knowledge and time with others. He was the face of the MES for many years, and a stalwart board member that worked selflessly as the Executive Secretary. I am not sure how it happened, but I became President-elect in 1986, and I am sure Mo and Louis Wilson talked me into running. He probably bribed me with those cookies from Ginny he always brought to the board meetings.

Mo was a lot of fun in the field, too. Though I never was on a Lepidoptera hunting party with him, we sat and talked when he was running bait traps and lights at the annual meetings. The 50th anniversary meeting in 2004 was held at the RAM Center at Higgins Lake. A bunch of us were sitting around and passing the bottle, and we somehow convinced Mo to put a baseball cap on backwards like the young kids were doing. Somewhere, I have that photo, which is hilarious, but I am thinking that I gave it to Mo and he buried it somewhere.

Whenever I visited the MSU collection, I would see if Mo was in. He put in many hours at the museum, and the breadth and beauty of the Lepidoptera collection there is a testament to his skill and dedication.

Mo always liked to exchange barbs about the UM vs MSU sports teams -- always in good humor, and knowing that each university has its ups and downs, but that in the end, we

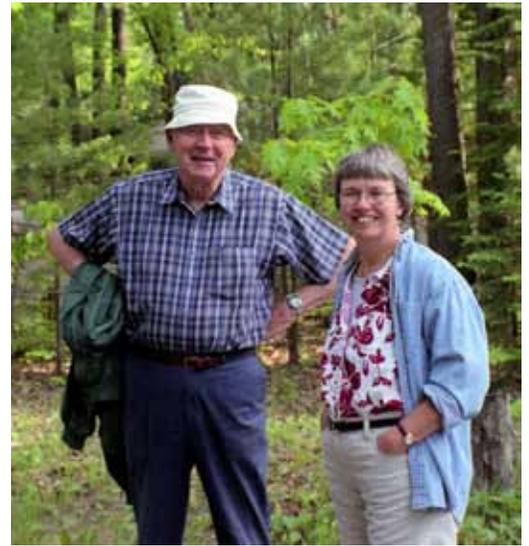


Mo and Ed Voss

were on the same team of entomology. One year at Breaking Diapause I surprised him with a green hat emblazoned with a block "M" on the front. That was sure to confuse those Sparty people! Mo got a big laugh from that.

I think of Mo's generosity with his time and knowledge and his general good humor as defining

a genuinely good person. He was passionate about the environment and about Lepidoptera. You knew that he was your friend, and as the tallest man in the room, he was a great Dane, for sure - in so many ways.



Mo and Adrienne O'Brien

## Remembrances of Mo

### Ronald W. Hodges

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Email: rhodges@rhodges.net

I first met Mo Nielsen in late winter 1953. He had recently moved to Lansing and invited me to visit. Thus began his strong influence on me. Through his position with the Department of Natural Resources he traveled widely in Michigan. Thus, on his lunch breaks he collected butterflies and skippers in many out-of-the-way sites. Through his knowledge of flora and fauna, he located many uncommon and new species in the state. That spring he invited me to join him on a collecting/camping trip to a location where he had found the skipper *Amblyscirtes vialis*. It was on that outing that we chanced upon an emergence of *Actias luna*. We saw 17 that evening. At that time early spring species of *Incisalia*, *Carterocephalus*, and *Oeneis* loomed high in his interests. One early May day we went to an area where he thought *Archiearis infans* might occur, and although it was cool, adults were flying. Through his knowledge of larval hosts and their occurrence in Michigan, he discovered a thriving colony of *Lycaeides melissa*. Similarly, he found cocoons of *Hyalophora columbia* in Montcalm County. Later, his interests turned to moths, particularly *Catocala*.

Mo was always extremely friendly and helpful to anyone interested in leps. His enthusiasm was remarkable. One evening he showed a series of Kodachrome slides from a summer spent as a fire watcher in the Cascades of Oregon east of Glide. Although he was highly impressed with Oregon, his main interests centered on Michigan. Curiously, the area is fairly near my current home.

Mo introduced me to Jack Newman, a very serious and knowledgeable lepidopterist who had a outstanding collection and library. Both of them strongly encouraged my developing interest in moths.

## Mo Nielsen: Friend, Colleague, and Mentor

### Julian P. Donahue

Natural History Museum, 900 Exposition Blvd, Los Angeles, CA 90007  
Email: julian.donahue@gmail.com

As an Honors College student in the late 1950s, majoring in Resource Development at Michigan State University, I had the freedom to identify and curate a small collection of Indian butterflies I had donated to the Entomology Museum. It was there that I first met Mo, and for 12 years we collaborated on numerous projects in the Museum, in the field, and with the Michigan Entomological Society. Because of Mo's influence, and that of John Newman, my post-graduate years at MSU were devoted to working on Lepidoptera taxonomy—first on a much larger collection of Indian butterflies, and then on to moths.

When I resigned as Executive Secretary and *Newsletter* Editor of the Michigan Entomological Society in 1968 (I just HAD to spend more time on my dissertation research!), Mo ran unopposed (and somewhat unwillingly) to replace me as Executive Secretary—a position he retained for well over a decade in service to the Society.

Mo was a Charter Member of The Lepidopterists' Society (joining in 1947), and in 2012 the Society granted Honorary Life Membership to the five living Charter Members—now only three remain. It's important to remember that the study of Lepidoptera was Mo's avocation—his paid career was with the Submerged Lands Division of the Michigan Department of Natural Resources. This makes his contributions to lepidopterology even more remarkable: besides authoring *Michigan Butterflies and Skippers: A Field Guide and Reference* (1999), and his

service to the Michigan Entomological Society, Mo held several important positions with The Lepidopterists' Society: Vice President (1997-1998), three 3-year terms as a Member-at-Large of the Executive Council (1972-1975, 1978-1981, 1988-1991), and twice as a member of the nominating committee (1972, 1991).

Mo shared with me his vast knowledge and curiosity about Michigan's Lepidoptera and plants, especially the wonders of bogs and their inhabitants. Besides occasional trips to his Otsego Co. "Hut," my fondest field memories are of our Memorial Day "spring" collecting trips to the Upper Peninsula, at a time of year when weather was a crap shoot and, more often than not, snow put a damper on our collecting.



Mo baiting trees

Mo played a significant role in altering the trajectory of my career, and for that I shall be forever grateful.



Group picture of most attendees at the First Annual Meeting of MES, 7 May 1955. Front Row (left to right): Ron W. Hodges, Nancy Gosling, F. A. Leonard, and Irv J. Cantrall. Back Row (L to R): (?), R. W. Goyer, Ray Hutson, (?), George C. Steyskal, David C. L. Gosling, Ted H. Hubbell, Mogens C. Nielsen, Frank. E. Ammerman. The photo was taken by W. E. Houk.

## My Memories of Mo

### Fred Stehr

Dept. of Entomology, 243 Natural Science Bldg., East Lansing, MI 48824. Email: [stehr@msu.edu](mailto:stehr@msu.edu)

I was hired in 1965 by the Entomology Department at Michigan State University for research and teaching on Systematics and Biological Control. I grew up in Athens, Ohio (75 miles SE of Columbus) where my father was a professor of Zoology and taught Entomology at Ohio University. Hence, I did a lot of collecting and had a lot of field experience, just like Mo did, except that he had to do much of it on his own with some help from others like John Newman and Roland Fischer. He learned very well since all of his 20,000+ specimens are correctly mounted and labeled.

I first met Mo at MSU in the late 1960s when he was still employed by the DNR. He would come in evenings and weekends to work on his specimens and the MSU collection at the same time I was putting the Immature Insect books together. Mo would use the collection to confirm or help identify his specimens, he donated many specimens, and he has willed his entire collection to MSU. He had curated and continually improved the Lepidoptera Collection right up to the last time he came in (October 2012) to such high quality that it was named in his honor the Mogens C. Nielsen Lepidoptera Collection in October 2011.

In Michigan I have been collecting with him many times in places like the Rose Lake Wildlife Research Station, a few miles from MSU, Bill Westrate's farm in SW Michigan, near his "HUT" in Otsego Co., near my place in Antrim Co., and memorably in some bog areas in the Upper Peninsula. These are memorable because there were always more than

enough mosquitoes, black flies and deer flies to make collectors wear repellent, but not Mo..... most of the time he just said "they don't eat much."

My most memorable collecting with Mo was in Brazil in 1996 where I was spending a sabbatical leave with Vitor Becker working on moths and collecting other specimens for the collection (before taking specimens out of Brazil was highly restricted). At that time Vitor and I convinced Mo he should come down and go on a collecting trip with us across Brazil from Brasilia to Puerto Velho on the Madeira River, a tributary of the Amazon, where Mo and I would board a river boat and go down stream to the Amazon and up to Manaus where we would fly back to Brasilia (while Vitor went back to take a couple of friends on a tour of the Pantanal, the very large and interesting swampland south of Cuiaba).

Mo arrived on 3 April in time to spend the evening having dinner and a Cerveja grande Antarctica (beer) on a restaurant patio in Brasilia while watching a Total Eclipse of the Moon on his 70<sup>th</sup> birthday (actually on the 9<sup>th</sup>, but the Total Eclipse made it much better to celebrate it on the 3rd). Mo and I spent the next day collecting at Vitor's "Ranch," a small stream in a wooded valley accessed via a private road for some small cottages and farms where we caught Morphos decoyed to a small piece of bright blue cloth tied on a stick stuck in the middle of the road. Morphos would normally fly up or down the stream or road or would come out of openings in the forest at the end of the road. When they saw the blue decoy many would immediately come in to check it out and provide us with an excellent chance to net them if we stood quietly near the flag.

The next day the three of us drove (with Vitor at the wheel) at fairly high speed until we came to a place that Vitor knew was good collecting or because it just looked good. We spent 3 days near Cuiaba, 5 days near Vilhena where we celebrated Mo's actual 70<sup>th</sup> birthday by having a great dinner and another Cerveja grande Antarctica. Next we spent nearly a week at the Schmitz Fazenda Rancho Grande resort in Rondonia. At one of these places we had set up some bait and a sheet and propped our nets up against trees,



Mo and Vitor Becker

only to find out later that some leaf-cutter ants had decided the net material was leaves and had been cutting out pieces.

As some of you may know, many Brazilian roads have potholes that are as big as cars, and even bigger than what we found this spring in Michigan in 2014. We also drove off on side "roads" where the forest had been logged off and logging trucks, etc. had been using the "road." At one place we were heading in on the "road" to find a place to set up a sheet over a ravine that had not been logged. We bounced along faster than advisable, and coming back out we saw a bumper lying in the "road." "That's my bumper" said Vitor, so we picked it up and took it to town where a shop welded and bolted it back on for something like \$5.00. Another time we were coming back in the pouring rain after a night collecting trip when Vitor hit a pothole a little too fast and blew a tire, so we held umbrellas for Vitor while he changed it.

We had a great collecting trip and caught many beautiful butterflies and moths and many other interesting insects, and whenever we stopped at a Churrascaria (roadside restaurant) where they had lots of roasted meats and beans and rice Mo would always have a Cerveja grande with his meal. He would also have one after we had been out in the sweaty rainforest all day, and it was always a late afternoon pleasure at Rancho Grande (above photo), which was one of the best collecting places, with everything from Army Ants to Morphos, but never a Black Witch since it was the wrong time of year for them. If Mo had a motto for collecting in Brazil it would probably have been "chasing Morphos till we stop or drop, and at the end of the day have a good meal and a Cerveja grande".

As Vitor said in his last e-mail to Mo..... "Well, be sure: Heaven is a Tropical Forest, crossed by a clear stream, along which Morphos and Heliconius flutter up and down. Wishing you have your last days in peace, I send a warm hug." Vitor



Mo holding a Morpho.

## Ice Cream

### Ted Herig

603 Franklin St, St. Johns, MI 48879

Email: herigs@aol.com

This is a “Mo story -- short and sweet! It was a typical trip up to the Quonset Hut on a Friday for another 3-day foray for moths and butterflies. Very warm temperatures had prompted Mo to call me and see if I would be available that weekend for some hopefully great collecting, and maybe catching a female pine imperial moth (*Eacles imperialis pini*) to obtain ova. That was Mo’s carrot on the stick, as he would always say. After a good night of collecting with temperatures only

we needed ice cream, and he knew a short cut to get us back to the main road. The two track road he choose did not look good to me, and I told Mo that we should stay on the same trail we entered on, but Mo said we were fine. About one mile down this two track we were suddenly stuck in sand. The more Mo gave the van gas the deeper down into the sand the tires went. Anyway after an hour or so and a lot of digging and placing



Mo surveying the UP landscape on a spring collecting trip in 1965.

logs that I had collected in the nearby woods in the 90 degree temps, we finally were able to get moving again but going back the way we originally came in. We now headed to Waters, MI, the closest place with a McDonalds and ice cream only to find out that

wanted ice cream that day because of the exceptionally hot weather. Now what? So over to Burger King, across the road, and yes the same scenario, out of order! By now Mo and I were perspiring heavily and contemplating the hot temperatures back inside the hut. But my friend Mo then had another idea. The supermarket just down the street had an Ice Cream Deli, so off we went and soon were enjoying a triple dip cone of real ice cream.

In my 30-plus years of collecting with Mo and sharing many great experiences with him, he will never be forgotten by me and many others, and I’m sure Mo has already talked to the Creator about good collecting sites and is already off chasing moths and butterflies that we can only dream about. You will be missed My Friend!



Glenn Belyea and Mo setting up traps at the 1975 MES Annual Meeting

dropping to 58 degrees F on Friday night, Mo and I had our standard sensational Ted Herig breakfast of eggs, sausage, and toast with of course peanut butter! After breakfast we took care of the specimens collected the previous night at the UV sheet which hangs behind the hut, and then we headed down the road to pick up our other UV traps that we hoped were full of moths. By the time we were finished putting specimens away and putting away breakfast dishes it was 11:30 am and the temperature now was a very warm 82 degrees and sunny. So we sat outside and had a cold beer (a Mo specialty), and finally decided where down the road to go – “reconnoiter” as Mo always put it.

So off we went driving many back trails looking for butterflies and chasing ones of interest. After an hour or so Mo decided

their ice cream machine was broken down. Now what? Mo then decided we would go to the McDonalds in Gaylord, MI, about 16 miles north of Waters. So off we went, and after getting inside this McDonalds, yes you guessed it, their machine was also out of order. It seemed that everyone



## Update on Mo Nielsen's Collection and Documents

### Erwin 'Duke' Elsner

Michigan State University Extension,  
520 W. Front St, Suite A, Traverse  
City, MI 49684

Email: elsner@msu.edu

On 2 April 2014 a team of MES members packed and transported Mo's personal insect collection to the A. J. Cook Arthropod Research Collection at Michigan State University. Currently, the plan is to keep the collection intact as a special collection, available for viewing and study, for a significant length of time before incorporating the specimens into the main collection. It may take some time to get it organized and properly stored, so if anyone wishes to see the Nielsen collection soon, they should contact Gary Parsons (parsonsg@msu.edu) first to check on the status of the collection.

The next important task is to gather, inventory and curate the large amount of reference materials, publications, correspondence and notes at Mo's home office. By prior arrangements with Mo and his family, I have been given permission to take this on, enlisting the help of other MES members for assistance when and where needed. Once this is completed, I will work with the leadership of MES to develop a plan for the best final disposition of the materials.



Gary Parsons and Ron Priest unloading Mo's Lepidoptera collection at the MSU Natural Science Building on 2 April 2014

## MES Governing Board Minutes

15 March 2014 at Breaking Diapause.  
Michigan State University  
Natural Science Building / Room 401.  
Entomology Departmental Library

Present: Martin Andree, Robert Haack,  
Dave Cuthrell, Julie Craves, Tina Ciaramitaro, and Ron Priest

**President Martin Andree** called the meeting to order at approximately 1145AM

**Secretary's Report:** Noted that minutes from the previous meeting have been approved and published in The MES Newsletter. Secretary A. O'Brien was absent and therefore no new report was given.

**Treasurer's Report:** Tina Ciaramitaro said she would prepare a report for the board. Generally the MES finances are looking good and steady.

There was discussion regarding a check for \$420.00 from the Copyright Center. Tina asked the board if they were aware that we were apparently getting funds for copyright use of published MES materials. The board agreed to cash the check and ask for clarification on what the Copyright Center does.

Tina also mentioned that she was contacted by a bee keeping group that wanted to pay MES to use Entomology Note No. 29 in a presentation. The board agreed unanimously to allow them to reprint and use this Entomology Note for free as it would increase awareness of MES and all MES Entomology Notes are already available online as PDFs for free.

**Journal Editor's Report:** Therese Poland was absent but had prepared notes that Bob Haack presented. The spring issue of the Great Lakes Entomologist is nearing completion, but several more papers are needed to fill upcoming issues of the journal. To attract more contributions, page charges for MES members will be reduced to \$25 per page plus a free PDF.

**Newsletter Editor's Report:** Bob Haack hopes to publish the next newsletter in

May, but as usual, final publication will depend on how quickly promised submissions come in and Bob's work schedule. Bob is planning that the focus of this Newsletter will be a remembrance of Mo Nielsen.

**Web Master's Report:** Mark O'Brien is planning to move the MES webpage from the University of Michigan Museum of Zoology server to a Google server. Most of the early MES Newsletters have been added to the MES webpage, and soon the newer issues will be added.

**New Business:** There was much discussion about the 2014 Annual Meeting and many suggestions were given as to guest speakers, dinner options, and field trips ideas.

**Elections:** Bob Haack noted that Angie Pytal and Mark O'Brien are the two candidates for MES President-Elect, and that Ted Herig and Mark Vanderwerp would run for Member at Large. Adrienne O'Brien will mail the ballots soon and will include Annual Meeting documents as well.

There was much discussion about the disposition of Mo's collection and his correspondence. It was noted that MES might make a donation in Mo's name to the MSU Collection. Gary Parsons has indicated that they always are in need of more insect drawers.

Annual Meeting posters. Martin Andree spoke about the possibility of crafting an Annual Meeting poster that we could sell as a way to make money for MES. All agreed it was a good idea. If Martin has time, he will design a poster for the 2014 meeting and also see if he can get last year's design printed and available for sale as well.

Bob Haack made the motion to adjourn, seconded by Ron Priest. Minutes submitted by MES President Martin Andree.

**crawling off  
the edge of winter –  
a dragonfly nymph**

Ken Tennesen  
ktennessen@centurytel.net

## First record of *Picromerus bidens* (Heteroptera: Pentatomidae: Asopinae) from the Upper Peninsula of Michigan

Edwin L. Freese

33493 "S" Avenue, Adel, Iowa 50003  
Email: freeseedwin@yahoo.com

One specimen of *Picromerus bidens* (Linnaeus, 1758) was collected at Halfway Lake Resort, Luce County, Michigan, 2 October 2013. The author collected the stink bug specimen by hand from a bracken fern leaf (*Pteridium aquilinum* (Linnaeus) Kuhn) about 9:30 am while searching fall flowering asters and gold-enrods for insects. Daniel R. Swanson (pers. comm.) verified identification of the female specimen.

This species was first reported as a new Michigan state record from the "Thumb" area of Lower Michigan (Swanson et al. 2013) by one female specimen collected 21 August 2011 in Huron County by Oliver Keller. The article by Swanson et al. (2013) also covers the recent range extension history of this Palearctic predatory stink bug in North America.

**Acknowledgements.** Thanks to Daniel R. Swanson for identification services and providing literature.

### References

Swanson DR, O Keller, and JD Rowley. 2013. First record of the Palearctic predatory stink bug, *Picromerus bidens* (Heteroptera: Pentatomidae: Asopinae), in Michigan. The Great Lakes Entomologist 46: 231-234.

## New and Revised Michigan Forest Pest Alerts

The Michigan Department of Agriculture & Rural Development (MDARD) and Michigan Department of Natural Resources have newly prepared or revised several of their forest pest alerts. They have been posted at <[www.michigan.gov/exoticpests](http://www.michigan.gov/exoticpests)>. There are alerts for the Asian Longhorned Beetle, Balsam Woolly Adelgid, Beech Bark Disease, Hemlock Woolly Adelgid, Thousand Cankers Disease, and Oak Wilt. Contact: John Bedford (Email: [bedfordj@michigan.gov](mailto:bedfordj@michigan.gov)).

## Proposed Changes to the MES Constitution and Bylaws

At the recent MES Annual Meeting John Douglass initiated a discussion on the MES Governing Board position of "Member-at-Large." He wondered if the duties were well enough defined for the position. He also wondered if more members would be willing to serve on the Governing Board if the term was shortened from 3 to 2 years, and if we did that to then elect two members to this position each year instead of one, which would result in having four Members-at-Large at any one time. John felt that such a change would result in getting more members involved in MES and that some of these members would then be willing to run or volunteer for other Governing Board positions in the future. So a motion was put forward to change the term of Member-at-Large from 3 years to 2 years, and to elect two Members-at-Large each year instead of one.

Also, while reading the current Constitution and Bylaws, a few inconsistencies were noted between the actual wording and what has been common practice in MES for the past several years. Below are the suggested changes. If you would like to comment, please contact any MES Governing Board member.

1. CONSTITUTION, Article V (Governing Board), Section 1:

Change "three" elected Members-at-Large to "four" in the following section: Section 1. The Board shall consist of the following members: President, President-Elect, Past President, one of the most recent available Past-Presidents, Secretary, Treasurer, three elected Members-at-Large, Associate & Journal Editors, Associate & Newsletter Editors, and Webmaster.

2. BY-LAWS, Article VI, Section 3 (Voting Procedure):

Change "three" Members-at-Large shall be staggered over "three" years to "four" Members at Large shall be staggered over "two" years "by filling two positions per year" in the following section. Section 3. Terms of service of the three members-at-large shall be staggered over three years.

3. Constitution, Article IV (OFFICERS), Section 3 (Secretary and Treasurer).

Change "election" to "appointment or sooner if the position is vacant" in the following section. The Secretary and Treasurer shall be appointed by the Board and shall serve for three years. They shall assume office at the close of the annual meeting next following his/her election.

4. BY-LAWS, Article III (Governing Board Duties), Section 5:

Delete "until the next regular election" in this section. Section 5. Shall, in the event the Secretary or Treasurer cannot continue duties, fill that vacancy by appointment until the next regular election.

5. BY-LAWS, Article VI (Voting Procedure), Section 2:

Delete "Secretary, Treasurer" in the following section. Section 2. The President-Elect, Secretary, Treasurer, and Members-at-Large shall be elected by mail ballot by the following procedure:

### MES Governing Board

spring peepers  
announce  
the dragonfly

Ken Tennesen  
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## Should The Great Lakes Entomologist Go Digital?

The number of manuscript submissions to TGLE is falling. Is this because our general membership is falling, or our page charge schedule is too high (which was just reduced from \$42 to \$25 per page for MES members), or the fact that there are so many other outlets of which many are free to authors to publish in.

Should MES consider going strictly on-line for the journal and possibly dropping page charges as well? We would have to find out how to publish on-line and assign an official DOI number. If we publish only on-line, we would not have to worry about page length for book-style printing (which now requires about 100 pages). We could upload each paper as it is ready and assign it a DOI number. Then when we reach the cutoff date for a particular issue, we can start assigning the next volume and issue number to the subsequent papers. We need to do more research into the procedures and logistics

of on-line publishing, the pros and cons, and ramifications of dropping the print publication before taking the leap to on-line printing, but it is definitely something for us to consider as we face diminishing submissions for print publishing. If you have any thoughts on this topic, please send them to me, **Therese Poland** Journal Editor ([tpoland@fs.fed.us](mailto:tpoland@fs.fed.us)).

**Southeast Michigan Butterfly Association (SEMBA)** has their next meeting 16 July 2014 at 7:00 p.m. at Nankin Mills, 33175 Ann Arbor Trail, Westland, MI 48185. The topic will be "Outdoor Photography" with Cindy Oleszkowicz, Professional Photographer. For more details call 734-223-5510 or view the SEMBA website <[www.semba-butterfly.com](http://www.semba-butterfly.com)>.

**2014 Monarch Migration.** The 2014 monarch migration and milkweed phenology can be followed at <[http://www.learner.org/jnorth/maps/monarch\\_spring2014.html](http://www.learner.org/jnorth/maps/monarch_spring2014.html)>.

**West Michigan Butterfly Association (WMBA)** has several field trips and workshops planned for 2014. In July, the Rogue River Butterfly Count is scheduled in Kent City, MI on July 5 (9:00 AM – 4:00 PM), and the Newaygo Butterfly Count in Newaygo, MI, is scheduled on July 11 (9:00 AM – 4:00 PM). Contact Ranger Steve (Mueller), President at [odybrook@chartermi.net](mailto:odybrook@chartermi.net) or 616-696-1753. The WMBA website has more details: <<http://www.glsqa.org/wmba.htm>>.

**concentric ripples  
in the middle of a pond –  
dragonfly tapping**

Ken Tennesen  
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