

Report of the 2008 BugGuide Gathering

on specimens identified at

University of Tennessee Biological Field Station
Gatlinburg, Tennessee

August 8-10, 2008

Prepared by Michael Boone
February 25, 2009

Introduction

A "gathering" of more than 20 attendees was held by members of the BugGuide entomology community from August 8-10, 2008 in the Smoky Mountains of Tennessee and North Carolina. During this time, members found numerous species of insects and arachnids, and identified many of them through photographs and collaboration on www.bugguide.net.

The group research was conducted in two primary areas: Great Smoky Mountains National Park and the University of Tennessee Biological Field Station located near the park at 198 Tudor Rd., Gatlinburg. This report contains records of specimens identified at the field station site. This report also contains records for species found at a pond just downhill from the field station. All records are from the immediate area of the field station, unless otherwise noted.

This report was prepared by Michael Boone, based on the extensive work of the gathering attendees and numerous members of BugGuide. If you have questions, feel free to contact him at mike@boonedocks.net, or visit the www.bugguide.net website.

Methodology

Data collection at the field station was largely done during the evenings, nights, and early mornings. Mid-days and afternoons were spent inside the national park.

Many methods were used to find specimens at the field station, including:

- Walking the grounds
- Mercury-vapor lamp
- Black light
- Incandescent outdoor lighting
- Netting (at the pond)

Once found, a typical specimen was photographed. These photographs were later published on the BugGuide website for classification, scrutiny, and debate by the photographer and community members. At the time of publication, most of these images have been online for several months, and discussion about identifications has settled down. It should be noted, however, that the identifications in this report are largely the result of dedicated amateur naturalists, and not experts.

Location Details

The University of Tennessee Biological Field Station is located at 198 Tudor Rd., Gatlinburg, Tennessee. The coordinates are approximately: 35° 44.352'N, 83° 25.424'W.

The pond area below the field station is on Old Hils Creek Road, with approximate coordinates of: 35° 44.308'N, 83° 25.095'W.

Specimen Data

This data is presented in the taxonomic order used on BugGuide.net at the time of publication. Please note that the BugGuide website is dynamic, and sometimes discards poor quality images in favor of superior ones. Therefore, the specimen data presented here may not remain permanently on www.bugguide.net. If anyone reviewing this document finds a data record of particular value, it would be helpful to contact the photographer or add a comment to the photo page on BugGuide. Then arrangements can be made to retain that record.

Photographs are the copyrighted property of their respective photographers. They are used in this report with permission. Photographers may be contacted through their photograph pages on BugGuide.

Photographic specimen data begins on the following page. In addition to specimens photographed, these species were also noted:

- *Monochamus notatus*, "northeastern pine sawyer," female, dead and wrapped in spider silk.
- *Vespa crabro*, "European hornet," attracted to lights at night on the building itself.
- *Glenurus gratus*, an ornate species of antlion, family Myrmeleontidae.

[Arachnida](#) » [Araneae](#) » [Araneomorphae](#) » [Entelegynes](#) » [Araneidae](#) » [Acacesia](#) » [Acacesia hamata](#)



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August 9, 2008

This spider was in the vegetation near the pond below the field station.

URL: <http://bugguide.net/node/view/250276>

[Arachnida](#) » [Araneae](#) » [Araneomorphae](#) » [Entelegynes](#) » [Pisauridae](#) » [Dolomedes](#)



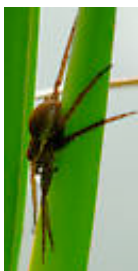
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Found around midnight while photographing moths at the field station. Long legs, mostly cropped out here.

URL: <http://bugguide.net/node/view/218603>

[Arachnida](#) » [Araneae](#) » [Araneomorphae](#) » [Entelegynes](#) » [Pisauridae](#) » [Dolomedes](#) » [fimbriatus group](#) » [fimbriatus group triton](#)



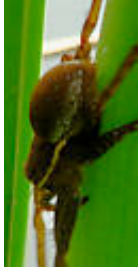
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Large spider hiding in the cattails at the pond near the field station. I couldn't get any other angle since it was out over the water.

URL: <http://bugguide.net/node/view/250478>

[Arachnida](#) » [Araneae](#) » [Araneomorphae](#) » [Entelegynes](#) » [Pisauridae](#) » [Dolomedes](#) » [fimbriatus group](#) » [fimbriatus group triton](#)



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An enlarged version of the previous photo.

URL: <http://bugguide.net/node/view/250479>

[Arachnida](#) » [Acari](#) » [Acariformes](#) » [Actinedida](#) » [Parasitengona](#) » [Trombidioidea](#) » [Trombidiidae](#)



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This was a large individual.

URL: <http://bugguide.net/node/view/238800>

[Insecta](#) » [Microcoryphia](#)



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This large bristletail was running around on the porch wall at the field station at night. I had originally estimated the size as 17 mm, but that, perhaps, was influenced by the appendages--the body was perhaps about 10-12 mm.

URL: <http://bugguide.net/node/view/224507>

[Insecta](#) » [Odonata](#) » [Zygoptera](#) » [Coenagrionidae](#) » [Argia](#) » [Argia fumipennis](#) ♂



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At the pond near the field station.

URL: <http://bugguide.net/node/view/250498>

[Insecta](#) » [Odonata](#) » [Zygoptera](#) » [Coenagrionidae](#) » [Enallagma](#) » [Enallagma signatum](#) ♂



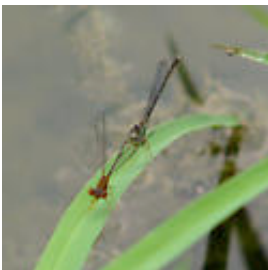
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At the pond near the field station.

URL: <http://bugguide.net/node/view/250278>

[Insecta](#) » [Odonata](#) » [Zygoptera](#) » [Coenagrionidae](#) » [Enallagma](#) » [Enallagma signatum](#) ♂ ♀



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Orange Bluet pair in tandem, at the pond near field station.

URL: <http://bugguide.net/node/view/250279>

[Insecta](#) » [Odonata](#) » [Anisoptera](#) » [Libellulidae](#) » [Pachydiplax](#) » [Pachydiplax longipennis](#) ♀



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At the pond near the field station.

URL: <http://bugguide.net/node/view/250499>

[Insecta](#) » [Plecoptera](#)



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URL: <http://bugguide.net/node/view/234943>

[Insecta](#) » [Plecoptera](#) » [Perlidae](#)



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Attracted to lights--captured. Length measured--to tip of abdomen about 17 mm, to tip of folded wings, about 20 mm.

URL: <http://bugguide.net/node/view/234944>

[Insecta](#) » [Orthoptera](#) » [Caelifera](#) » [Tetrigidae](#) » [Tetriginae](#) » [Neotettix](#) » [Neotettix proavus](#)



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At the pond near the field station.

URL: <http://bugguide.net/node/view/219650>

[Insecta](#) » [Orthoptera](#) » [Ensifera](#) » [Gryllidae](#) » [Oecanthinae](#) » [Neoxabea](#) » [Neoxabea bipunctata](#)

♂



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August 8, 2008

Many of us were amazed to learn how male tree crickets amplify their chirping to attract a female. He chews a hole into the leaf and sticks his head through it, when he rubs his wings below the hole the sound is amplified! Isn't nature fantastic!?

URL: <http://bugguide.net/node/view/212647>

[Insecta](#) » [Orthoptera](#) » [Ensifera](#) » [Gryllidae](#) » [Oecanthinae](#) » [Oecanthus](#) » [Oecanthus pini](#) ♂



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Found on a white sheet under a black light.

URL: <http://bugguide.net/node/view/215156>

[Insecta](#) » [Orthoptera](#) » [Ensifera](#) » [Gryllidae](#) » [Oecanthinae](#) » [Oecanthus](#) » [Oecanthus pini](#) ♂



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Top view. Update: This is definitely a Pine Tree Cricket I've gained more experience with ID's since the gathering. The rusty head, pronotum, antennae and limbs - along with O. pini antennal markings -- all define this as O. pini.

URL: <http://bugguide.net/node/view/215157>

[Insecta](#) » [Orthoptera](#) » [Ensifera](#) » [Gryllidae](#) » [Oecanthinae](#) » [Oecanthus](#) » [Oecanthus pini](#) ♂



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The sheet was placed under an Eastern Hemlock, but there were also White Pines nearby. This photo shows the antennal markings for *O. pini*. Additionally, the reddish brown head separates it from all other tree crickets.

URL: <http://bugguide.net/node/view/215160>

[Insecta](#) » [Orthoptera](#) » [Ensifera](#) » [Gryllidae](#) » [Oecanthinae](#) » [Oecanthus](#) » [Oecanthus niveus](#) ♂



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Several Narrow-winged Tree Crickets were found at the Field Station. This one appeared to be a fifth stage instar.

URL: <http://bugguide.net/node/view/215163>

[Insecta](#) » [Orthoptera](#) » [Ensifera](#) » [Rhaphidophoridae](#) » [Diestrammena](#) » [Diestrammena asynamora](#) ♂



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/238784>

[Insecta](#) » [Orthoptera](#) » [Ensifera](#) » [Tettigoniidae](#) » [Phaneropterinae](#) » [Scudderia](#) » [Scudderia furcata](#) ♂



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This katydid was outside the bunkhouse one morning.

URL: <http://bugguide.net/node/view/249396>

[Insecta](#) » [Orthoptera](#) » [Ensifera](#) » [Tettigoniidae](#) » [Phaneropterinae](#) » [Scudderia](#) » [Scudderia furcata](#) ♂



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A greatly enlarged and cropped view of the abdomen.

URL: <http://bugguide.net/node/view/249397>

[Insecta](#) » [Orthoptera](#) » [Ensifera](#) » [Tettigoniidae](#) » [Pseudophyllinae](#) » [Pterophylla](#) » [Pterophylla camellifolia](#) ♀



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URL: <http://bugguide.net/node/view/227591>

[Insecta](#) » [Dermaptera](#) » [Labiidae](#) » [Vostox](#) » [Vostox brunneipennis](#) ♂



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Earwig attracted to lights at the field station.

URL: <http://bugguide.net/node/view/250269>

[Insecta](#) » [Dermaptera](#) » [Labiidae](#) » [Vostox](#) » [Vostox brunneipennis](#) ♂



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Earwig attracted to lights at the field station.

URL: <http://bugguide.net/node/view/250271>

[Insecta](#) » [Dictyoptera](#) » [Blattaria](#) » [Blattellidae](#)



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URL: <http://bugguide.net/node/view/218866>

[Insecta](#) » [Hemiptera](#) » [Auchenorrhyncha](#) » [Cicadoidea](#) » [Cicadellidae](#) » [Deltocephalinae](#) » [Scaphoideus](#)



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Attracted to lights at the BugGuide gathering.

URL: <http://bugguide.net/node/view/212953>

[Insecta](#) » [Hemiptera](#) » [Auchenorrhyncha](#) » [Cicadoidea](#) » [Cicadellidae](#) » [Deltocephalinae](#) » [Scaphoideus](#)



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URL: <http://bugguide.net/node/view/218860>

[Insecta](#) » [Hemiptera](#) » [Auchenorrhyncha](#) » [Cicadoidea](#) » [Cicadellidae](#) » [Deltocephalinae](#) » [Scaphytopius](#) » [Scaphytopius frontalis](#)

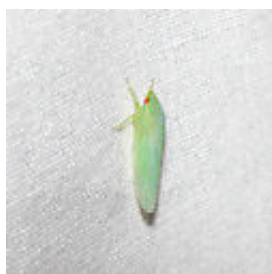


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URL: <http://bugguide.net/node/view/217237>

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A leafhopper attracted to the lights at the field station.

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This, and a couple of others, were found on redbud, *Cercis canadensis*. I measured another individual--it was about 6 mm including the "horn", and about 4 mm along the body. It is thought to be an undescribed species.

URL: <http://bugguide.net/node/view/213464>

[Insecta](#) » [Hemiptera](#) » [Auchenorrhyncha](#) » [Fulgoroidea](#) » [Flatidae](#) » [Metcalfa](#) » [Metcalfa pruinosa](#)



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URL: <http://bugguide.net/node/view/238821>

[Insecta](#) » [Hemiptera](#) » [Auchenorrhyncha](#) » [Fulgoroidea](#) » [Issidae](#) » [Thionia](#) » [Thionia bullata](#)



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Attracted to lights--rather shy. Length to wing tips about 7 mm, based on photographing adjacent to a scale in another frame.

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[Insecta](#) » [Hemiptera](#) » [Heteroptera](#)



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URL: <http://bugguide.net/node/view/218872>

[Insecta](#) » [Hemiptera](#) » [Heteroptera](#) » [Miridae](#) » [Mirinae](#) » [Mirini](#) » [Lygus](#) » [Lygus lineolaris](#)



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URL: <http://bugguide.net/node/view/250497>

[Insecta](#) » [Hemiptera](#) » [Heteroptera](#) » [Reduviidae](#) » [Emesinae](#) » [Emesaya](#) » [Emesaya brevipennis](#)



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This interesting critter was found in the doorway at the University of Tennessee Field Station house during the Bugguide Gathering 2008.

URL: <http://bugguide.net/node/view/214391>

[Insecta](#) » [Hemiptera](#) » [Heteroptera](#) » [Reduviidae](#) » [Emesinae](#) » [Emesaya](#) » [Emesaya brevipennis](#)



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In a spider web against the door to a closet.

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Detail of head.

URL: <http://bugguide.net/node/view/215889>

[Insecta](#) » [Hemiptera](#) » [Heteroptera](#) » [Reduviidae](#) » [Emesinae](#) » [Emesaya](#) » [Emesaya brevipennis](#)



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A nymph, according to Eric Eaton--note the short (or absent) wings. Interesting--this one was about the same size as an adjacent adult.

URL: <http://bugguide.net/node/view/215891>

[Insecta](#) » [Hemiptera](#) » [Heteroptera](#) » [Reduviidae](#) » [Stenopoda](#) » [Stenopoda cinerea](#) ♀



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[Insecta](#) » [Hemiptera](#) » [Heteroptera](#) » [Rhopalidae](#) » [Arhyssus](#)



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I believe this was found on Eastern Hemlock.

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URL: <http://bugguide.net/node/view/222280>

[Insecta](#) » [Hemiptera](#) » [Sternorrhyncha](#) » [Phylloxeroidea](#) » [Adelgidae](#)



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There were dozens of these tiny things in pairs or threes hanging on the tips of White Pine needles.

URL: <http://bugguide.net/node/view/217221>

[Insecta](#) » [Neuroptera](#) » [Mantispidae](#) » [Leptomantispa](#) » [Leptomantispa pulchella](#)



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Is this Dicromantispa sayi?

URL: <http://bugguide.net/node/view/212639>

[Insecta](#) » [Neuroptera](#) » [Mantispidae](#) » [Leptomantispa](#) » [Leptomantispa pulchella](#)



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On the antenna is either an egg or a mite. As for the Mantisfly, *Dicromantispa sayi*?

URL: <http://bugguide.net/node/view/212641>

[Insecta](#) » [Neuroptera](#) » [Mantispidae](#) » [Leptomantispa](#) » [Leptomantispa pulchella](#)



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Dr. Kevin Hoffman, author of genera *Dicromantispa*, *Leptomantispa*, etc., informs me via e-mail (11/21/08) that these are, in fact, *Leptomantispa pulchella*.

URL: <http://bugguide.net/node/view/236589>

[Insecta](#) » [Neuroptera](#) » [Mantispidae](#) » [Leptomantispa](#) » [Leptomantispa pulchella](#)



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Detail of head.

URL: <http://bugguide.net/node/view/236590>

[Insecta](#) » [Neuroptera](#) » [Mantispidae](#) » [Leptomantispa](#) » [Leptomantispa pulchella](#)

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Apparently a different individual from the one Stephen and I posted from 8/10/08. This one was found on a car on 8/9/08, just as the one the next day. Body length was a bit smaller--11 mm. Edit: Dr. Kevin Hoffman, author of genera *Dicromantsispa*, *Leptomantsispa*, etc., informs me via e-mail (11/21/08) that these are, in fact, *Leptomantsispa pulchella*.

URL: <http://bugguide.net/node/view/236593>

[Insecta](#) » [Neuroptera](#) » [Mantispidae](#) » [Leptomantispa](#) » [Leptomantispa pulchella](#)



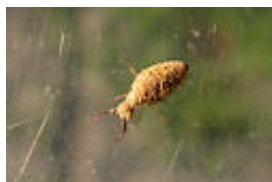
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Moved from the hood of a car to a leaf. Edit: Dr. Kevin Hoffman, author of genera *Dicromantsispa*, *Leptomantsispa*, etc., informs me via e-mail (11/21/08) that these are, in fact, *Leptomantsispa pulchella*.

URL: <http://bugguide.net/node/view/236594>

[Insecta](#) » [Neuroptera](#) » [Myrmeleontidae](#)



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Presumed to be a nymph of *Myrmeleon immaculatus*, since that was the only adult species observed there. A number of conical pits were in the flowerboxes, and this nymph was captured at the bottom of one.

URL: <http://bugguide.net/node/view/214694>

[Insecta](#) » [Neuroptera](#) » [Myrmeleontidae](#) » [Myrmeleon](#) » [Myrmeleon immaculatus](#)



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Flying at night.

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[Insecta](#) » [Neuroptera](#) » [Myrmeleontidae](#) » [Myrmeleon](#) » [Myrmeleon immaculatus](#)



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Composite photo showing wingtips.

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[Insecta](#) » [Coleoptera](#) » [Archostemata](#) » [Cupedidae](#) » [Tenomerga](#) » [Tenomerga cinereus](#)



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Found this between the main building and the bunkhouse.

URL: <http://bugguide.net/node/view/212967>

[Insecta](#) » [Coleoptera](#) » [Adephaga](#) » [Carabidae](#) » [Harpalinae](#) » [Harpalini](#)



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URL: <http://bugguide.net/node/view/234902>

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Found running around under lighted walls. Captured and measured.

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[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Scarabaeoidea](#) » [Scarabaeidae](#) » [Rutelinae](#) » [Rutelini](#) » [Pelidnota](#) » [Pelidnota punctata](#)



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URL: <http://bugguide.net/node/view/249220>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Scarabaeoidea](#) » [Scarabaeidae](#) » [Dynastinae](#) » [Phileurini](#) » [Phileurus](#) » [Phileurus truncatus](#)



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Attracted to lights at the field station.

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[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Scarabaeoidea](#) » [Scarabaeidae](#) » [Dynastinae](#) » [Dynastini](#) » [Dynastes](#) » [Dynastes tityus](#) ♂



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Found August 8, 2008

Specimen found dead at the field station.

URL: <http://bugguide.net/node/view/249217>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Byrrhoidea](#) » [Ptilodactylidae](#) » [Ptilodactyla](#) ♂



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I think this is a male.... Length measured.

URL: <http://bugguide.net/node/view/234947>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Elateroidea](#) » [Throscidae](#) » [Triaxagus](#)

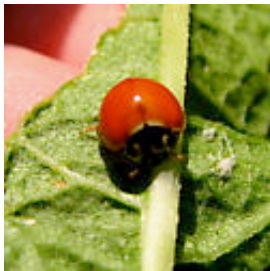


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URL: <http://bugguide.net/node/view/212644>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Cucujoidea](#) » [Coccinellidae](#) » [Cycloneda](#) » [Cycloneda munda](#)



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Found at the pond near field station.

URL: <http://bugguide.net/node/view/249223>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Tenebrionoidea](#) » [Tetratomidae](#) » [Penthe](#) » [Penthe obliquata](#)



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URL: <http://bugguide.net/node/view/214688>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Tenebrionoidea](#) » [Zopheridae](#) » [Colydiinae](#) » [Aulonium](#) » [Aulonium tuberculatum](#)



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Another (different) 4 mm beetle.

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[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Chrysomeloidea](#) » [Cerambycidae](#) » [Parandrinae](#) » [Neandra](#) » [Neandra brunnea](#)



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URL: <http://bugguide.net/node/view/212656>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Chrysomeloidea](#) » [Cerambycidae](#) » [Parandrinae](#) » [Neandra](#) » [Neandra brunnea](#)



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Somebody else posted this one from the gathering, but I got some detail shots that add something to the guide page, I feel. Length measured.

URL: <http://bugguide.net/node/view/234888>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Chrysomeloidea](#) » [Cerambycidae](#) » [Parandrinae](#) » [Neandra](#)
» [Neandra brunnea](#)



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Detail of head, antennae.

URL: <http://bugguide.net/node/view/234889>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Chrysomeloidea](#) » [Cerambycidae](#) » [Parandrinae](#) » [Neandra](#)
» [Neandra brunnea](#)



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Ventral view.

URL: <http://bugguide.net/node/view/234890>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Chrysomeloidea](#) » [Cerambycidae](#) » [Cerambycinae](#) »
[Eburiini](#) » [Eburia](#) » [Eburia quadrigeminata](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/218604>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Chrysomeloidea](#) » [Cerambycidae](#) » [Cerambycinae](#) » [Elaphidiini](#) » [Aneflomorpha](#) » [Aneflomorpha subpubescens](#)



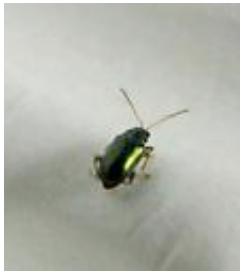
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Attracted to the lights at the field station.

URL: <http://bugguide.net/node/view/238791>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Chrysomeloidea](#) » [Chrysomelidae](#) » [Galerucinae](#) » [Alticini](#) » [Crepidodera](#) » [Crepidodera nana](#)



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URL: <http://bugguide.net/node/view/214832>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Curculionoidea](#) » [Curculionidae](#) » [Molytinae](#) » [Hylobius](#)



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This weevil was found after dark at the Field Station.

URL: <http://bugguide.net/node/view/218851>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Curculionoidea](#) » [Curculionidae](#) » [Molytinae](#) » [Hylobius](#)



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This is a close-up view of the snout and antennae.

URL: <http://bugguide.net/node/view/218852>

[Insecta](#) » [Coleoptera](#) » [Polyphaga](#) » [Curculionoidea](#) » [Curculionidae](#) » [Scolytinae](#) » [Scolytini](#) » [Xylosandrus](#)



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URL: <http://bugguide.net/node/view/214982>

[Insecta](#) » [Hymenoptera](#) » [Sawflies, Horntails, and Wood Wasps](#) » [Tenthredinidae](#)



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Attracted to lighted sheet. Length measured in place--body length 7 mm.

URL: <http://bugguide.net/node/view/234954>

[Insecta](#) » [Hymenoptera](#) » [Sawflies, Horntails, and Wood Wasps](#) » [Tenthredinidae](#)



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Dorsal view, in case that is of help.

URL: <http://bugguide.net/node/view/235020>

[Insecta](#) » [Hymenoptera](#) » [Aculeata - Bees, Ants, and other Stinging Wasps](#) » [Anthophila \(Apoidea\) - Bees](#) » [Apidae](#) » [Apinae](#) » [Bombini](#) » [Bombus](#)



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This large Bumble Bee was on the same plant two days in a row and made very little movements.

URL: <http://bugguide.net/node/view/213655>

[Insecta](#) » [Hymenoptera](#) » [Aculeata - Bees, Ants, and other Stinging Wasps](#) » [Anthophila \(Apoidea\) - Bees](#) » [Halictidae](#) » [Halictinae](#) » [Augochlorini](#)



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URL: <http://bugguide.net/node/view/217252>

[Insecta](#) » [Trichoptera](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/238809>

[Insecta](#) » [Trichoptera](#) » [Leptoceridae](#) » [Triaenodes](#)



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Attracted to lights at the field station. ID based on other BG photos. Has long antennae and 5-segmented maxillary palps as described for the family.

URL: <http://bugguide.net/node/view/219410>

[Insecta](#) » [Lepidoptera](#)



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URL: <http://bugguide.net/node/view/239117>

[Insecta](#) » [Lepidoptera](#) » [Papilionoidea](#) » [Hesperiidae](#) » [Hesperiinae](#) » [Poanes](#) » [Poanes zabulon](#)



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URL: <http://bugguide.net/node/view/214814>

[Insecta](#) » [Lepidoptera](#) » [Papilionoidea](#) » [Hesperiidae](#) » [Pyrginae](#) » [Epargyreus](#) » [Epargyreus clarus](#)



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URL: <http://bugguide.net/node/view/227595>

[Insecta](#) » [Lepidoptera](#) » [Papilionoidea](#) » [Lycaenidae](#) » [Polyommatainae](#) » [Cupido](#) » [Cupido comyntas](#)



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URL: <http://bugguide.net/node/view/221907>

[Insecta](#) » [Lepidoptera](#) » [Papilionoidea](#) » [Nymphalidae](#) » [Satyrinae](#) » [Satyrodes](#) » [Satyrodes appalachia](#)



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In the vegetation on the edge of the pond near the field station. It was ID'd as an Appalachian Brown by Stephen Stedman, state coordinator for Butterflies and Moths of North America, from Ed LeGrand's photo of the same individual.

URL: <http://bugguide.net/node/view/250272>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Gelechioidea](#) » [Xyloryctidae](#) » [Scythris](#) ♂ ♀

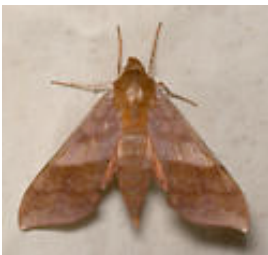


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URL: <http://bugguide.net/node/view/222244>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Bombycoidea](#) » [Sphingidae](#) » [Macroglossinae](#) » [Macroglossini](#) » [Darapsa](#) » [Darapsa choerilus](#)



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Attracted to blacklight at the field station.

URL: <http://bugguide.net/node/view/213309>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Bombycoidea](#) » [Sphingidae](#) » [Macroglossinae](#) » [Macroglossini](#)
» [Darapsa](#) » [Darapsa myron](#)



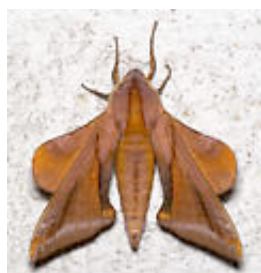
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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/213306>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Bombycoidea](#) » [Sphingidae](#) » [Smerinthinae](#) » [Smerinthini](#) »
[Paonias](#) » [Paonias astylus](#)



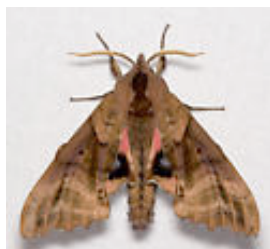
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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/213301>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Bombycoidea](#) » [Sphingidae](#) » [Smerinthinae](#) » [Smerinthini](#) »
[Paonias](#) » [Paonias excaecatus](#)



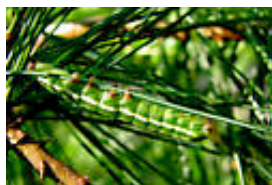
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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/213304>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Bombycoidea](#) » [Sphingidae](#) » [Sphinginae](#) » [Sphingini](#) » [Lapara](#)

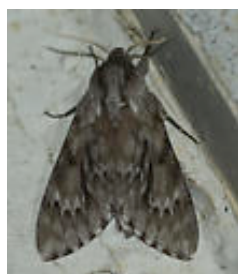


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URL: <http://bugguide.net/node/view/216942>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Bombycoidea](#) » [Sphingidae](#) » [Sphinginae](#) » [Sphingini](#) » [Lapara](#)
» [Lapara bombycoides](#)



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This small sphinx was resting on the window sill.

URL: <http://bugguide.net/node/view/212897>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Bombycoidea](#) » [Saturniidae](#) » [Saturniinae](#) » [Saturniini](#) »
[Antheraea](#) » [Antheraea polyphemus](#) ♂



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Beautiful giant moth, attracted to the lights at the field station.

URL: <http://bugguide.net/node/view/219219>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Gelechioidea](#) » [Elachistidae](#) » [Stenomatinae](#) » [Antaeotricha](#)



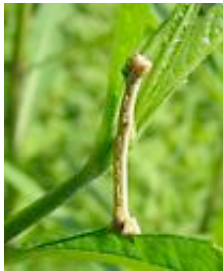
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This is apparently one of two *Antaeotricha* species based on the size, which I didn't get. Bob Patterson likes *Antaeotricha schlaegeri* based on coloration.

URL: <http://bugguide.net/node/view/220080>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#)



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Eye level on a shrub.

URL: <http://bugguide.net/node/view/214413>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Anagolini](#) » [Plagodis](#) » [Plagodis alcoolaria](#)



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Attracted to lights at the field station. ID based on MPG and BugGuide photos, plus the description on BugGuide.

URL: <http://bugguide.net/node/view/216353>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Anagolini](#) » [Probole](#) » [Probole amicaria](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/250490>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Angeronini](#) » [Euchlaena](#) » [Euchlaena amoenaria](#)



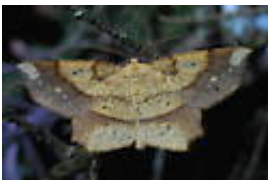
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Attracted to lights at night.

URL: <http://bugguide.net/node/view/211726>

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URL: <http://bugguide.net/node/view/214214>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Azelinini](#) » [Pera](#)
» [Pera ancetaria](#)



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Attracted to lights at the field station. ID based on similar photos.

URL: <http://bugguide.net/node/view/225153>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Bistonini](#) »
[Hypagyrtis](#) » [Hypagyrtis esther](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/217305>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Bistonini](#) »
[Hypagyrtis](#) » [Hypagyrtis unipunctata](#)



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Worn specimen, attracted to lights at the field station. ID via Bob Patterson.

URL: <http://bugguide.net/node/view/243735>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Boarmiini](#) » [Anavitrinella](#) » [Anavitrinella pampinaria](#) ♂



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/239118>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Boarmiini](#) » [Epimecis](#) » [Epimecis hortaria](#)



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URL: <http://bugguide.net/node/view/214208>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Boarmiini](#) » [Iridopsis](#) » [Iridopsis larvaria](#)



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URL: <http://bugguide.net/node/view/213585>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Ourapterygini](#) » [Nematocampa](#) » [Nematocampa resistaria](#)



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[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Semiiothisini](#) » [Macaria](#) » [Macaria bicolorata](#)



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[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Ennominae](#) » [Semiiothisini](#) » [Macaria](#) » [Macaria fissinotata](#)



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Attracted to lights at the field station.

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URL: <http://bugguide.net/node/view/240051>

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Worn specimen. Attracted to lights at the field station. ID via Bob Patterson.

URL: <http://bugguide.net/node/view/243736>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Larentiinae](#) » [Eudulini](#) » [Eubaphe](#) » [Eubaphe mendica](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/213735>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Larentiinae](#) » [Eupitheciini](#) » [Eupithecia](#)



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Attracted to lights at the field station.

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[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Larentiinae](#) » [Xanthorhoini](#) » [Euphyia](#) » [Euphyia intermediata](#)



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Attracted to lights at the field station. ID based on BugGuide and MPG photos. We had a great time mothing that night...this one was taken at 12:37am.

URL: <http://bugguide.net/node/view/215699>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Geometroidea](#) » [Geometridae](#) » [Sterrhinae](#) » [Cosymbiini](#) » [Pleuroprucha](#) » [Pleuroprucha insulsaria](#)



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Wingspan measured at 22 mm or so.

URL: <http://bugguide.net/node/view/234935>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Arctiidae](#) » [Arctiinae](#) » [Arctiini](#) » [Apantesis](#) » [Apantesis phalerata](#)



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URL: <http://bugguide.net/node/view/227589>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Arctiidae](#) » [Arctiinae](#) » [Phaegopterini](#) » [Halysidota](#) » [Halysidota tessellaris](#)



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Attracted to lights at the field station.

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URL: <http://bugguide.net/node/view/238786>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Arctiidae](#) » [Lithosiinae](#) » [Lithosiini](#) » [Crambidia](#) » [Crambidia cephalica](#)



August 8, 2008

Found on a shrub near lights. Estimated wingspan of 27 mm. Covell, p. 60 describes this species, and notes occurrence in Texas in August, saying "Specimens from West Virginia, North Carolina, and Kentucky may belong to this or an unnamed species."

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URL: <http://bugguide.net/node/view/224495>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Erebidae](#) » [Catocalinae](#) » [Catocalini](#) » [Catocala](#) » [Catocala umbrosa](#)



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URL: <http://bugguide.net/node/view/213866>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Erebidae](#) » [Catocalinae](#) » [Catocalini](#) » [Catocala](#) » [Catocala umbrosa](#)



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URL: <http://bugguide.net/node/view/239212>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Erebidae](#) » [Catocalinae](#) » [Panopodini](#) » [Panopoda](#) » [Panopoda carneicosta](#)



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Attracted to lights at field station. ID based on L-shaped reniform spot with orbicular dot.

URL: <http://bugguide.net/node/view/218075>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Erebidae](#) » [Eublemminae](#) » [Araeopteronini](#) » [Sigela](#) » [Sigela penumbrata](#)



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Attracted to lights at the field station. ID via Bob Patterson.

URL: <http://bugguide.net/node/view/243739>

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Presumably attracted to lights at the field station; found in early morning.

URL: <http://bugguide.net/node/view/214453>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Erebidae](#) » [Herminiinae](#) » [Renia](#) » [Renia discoloralis](#)



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Attracted to lights at the field station. ID via Bob Patterson.

URL: <http://bugguide.net/node/view/243738>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Erebidae](#) » [Hypeninae](#) » [Hypena](#) » [Hypena baltimoralis](#)



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Attracted to lights at the field station. ID based on similar images.

URL: <http://bugguide.net/node/view/239198>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Lymantriidae](#) » [Orgyiini](#) » [Dasychira](#) » [Dasychira basiflava](#) ♂



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Attracted to lights at the field station. Bob Patterson provided the ID and noted that it is a male.

URL: <http://bugguide.net/node/view/218596>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Noctuidae](#) » [Acronictinae](#) » [Acronicta](#) » [Acronicta increta](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/224626>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Noctuidae](#) » [Acronictinae](#) » [Acronicta](#) » [Acronicta innotata](#)



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This moth was on a black light sheet at the Bugguide Gathering 2008. I don't know its identity.

URL: <http://bugguide.net/node/view/223200>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Noctuidae](#) » [Acronictinae](#) » [Polygrammate](#) » [Polygrammate hebraeicum](#)



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There were a lot of Hebrew moths at the field station.

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This moth was seen on the patio of the field station.

URL: <http://bugguide.net/node/view/223203>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Noctuidae](#) » [Condicinae](#) » [Leuconyctini](#) » [Leuconycta](#) » [Leuconycta diptheroides](#)



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URL: <http://bugguide.net/node/view/214205>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Noctuidae](#) » [Eustrotiinae](#) » [Eustrotiini](#) » [Cerma](#) » [Cerma cerintha](#)



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URL: <http://bugguide.net/node/view/214215>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Noctuidae](#) » [Heliothinae](#) » [Pyrrhia](#) » [Pyrrhia exprimens](#)



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Attracted to lights at the field station.

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URL: <http://bugguide.net/node/view/218036>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Noctuidae](#) » [Pantheinae](#) » [Colocasia](#) » [Colocasia propinquilinea](#)



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Attracted to lights at the field station. ID from Bob Patterson.

URL: <http://bugguide.net/node/view/241220>

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August 8, 2008

Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/219402>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Noctuidae](#) » [Xyleninae](#) » [Elaphriini](#) » [Elaphria](#) » [Elaphria grata](#)



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Wing chord about 12 mm.

URL: <http://bugguide.net/node/view/234883>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Noctuidae](#) » [Xyleninae](#) » [to be placed](#) » [Chytonix](#) » [Chytonix palliatricula](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/250489>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Notodontidae](#) » [Heterocampinae](#) » [Heterocampa](#) » [Heterocampa umbrata](#)



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Attracted to lights at the field station. It was pretty large, wing chord about 24 mm, giving an estimated 52 mm wingspan.

URL: <http://bugguide.net/node/view/234938>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Notodontidae](#) » [Heterocampinae](#) » [Lochmaeus](#) » [Lochmaeus manteo](#)



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Attracted to lights at the field station. ID via Bob Patterson.

URL: <http://bugguide.net/node/view/243737>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Notodontidae](#) » [Heterocampinae](#) » [Oligocentria](#) » [Oligocentria semirufescens](#)



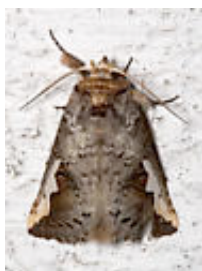
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Found after midnight at lights at the field station.

URL: <http://bugguide.net/node/view/219977>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Notodontidae](#) » [Nystaleinae](#) » [Symmerista](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/238878>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Noctuoidea](#) » [Notodontidae](#) » [Phalerinae](#) » [Nadata](#) » [Nadata gibbosa](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/239115>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Pyraloidea](#) » [Crambidae](#) » [Crambinae](#) » [Argyriini](#) » [Urola](#) » [Urola nivalis](#)



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Wing chord measured at 9 mm, giving about 20 mm as the wingspan.

URL: <http://bugguide.net/node/view/234922>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Pyraloidea](#) » [Crambidae](#) » [Crambinae](#) » [Crambini](#) » [Crambus](#) » [Crambus agitatellus](#)



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I believe this one was attracted to Troy's MV lamp.

URL: <http://bugguide.net/node/view/214644>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Pyraloidea](#) » [Crambidae](#) » [Crambinae](#) » [Crambini](#) » [Microcrambus](#) » [Microcrambus elegans](#)



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Attracted to lights at the field station. ID based on MPG and BugGuide images.

URL: <http://bugguide.net/node/view/214647>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Pyraloidea](#) » [Crambidae](#) » [Pyraustinae](#) » [Spilomelini](#) » [Anageshna](#) » [Anageshna primordialis](#)



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Photographed in early morning near an area that had been lit at night. ID based on other BG and MPG photos.

URL: <http://bugguide.net/node/view/224042>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Pyraloidea](#) » [Crambidae](#) » [Pyraustinae](#) » [Spilomelini](#) » [Desmia](#)



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URL: <http://bugguide.net/node/view/234916>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Pyraloidea](#) » [Crambidae](#) » [Pyraustinae](#) » [Pyraustini](#) » [Hahncappsia](#) » [Hahncappsia mancalis](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/215193>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Pyraloidea](#) » [Pyralidae](#) » [Chrysauginae](#) » [Arta](#) » [Arta statalis](#)



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Attracted to the lights at the field station.

URL: <http://bugguide.net/node/view/239119>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Sesioidea](#) » [Sesiidae](#) » [Sesiinae](#) » [Synanthedonini](#) » [Carmenta](#)
♂ ♀



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At the pond near the field station.

URL: <http://bugguide.net/node/view/217234>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Tortricoidea](#) » [Tortricidae](#) » [Olethreutinae](#) » [Olethreutini](#) » [Endopiza](#) » [Endopiza liriodendrana](#)



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Attracted to lights at field station.

URL: <http://bugguide.net/node/view/214742>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Tortricoidea](#) » [Tortricidae](#) » [Tortricinae](#) » [Sparganothidini](#) » [Platynota](#) » [Platynota idaeusalis](#)



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Attracted to lights at field station. ID based on similar photos on MPG. There seems to be a lot of variability in this species.

URL: <http://bugguide.net/node/view/215652>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Zygaenoidea](#) » [Limacodidae](#) » [Adoneta](#) » [Adoneta spinuloides](#)



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Appears to be *Adoneta spinuloides*. This was on the wall of the field station, attracted to lights.

URL: <http://bugguide.net/node/view/234927>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Zygaenoidea](#) » [Limacodidae](#) » [Apoda](#) » [Apoda y-inversum](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/218874>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Zygaenoidea](#) » [Limaconidae](#) » [Parasa](#) » [Parasa chloris](#)

August 10, 2008



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Wing chord was just over 10 mm, giving a wingspan of about 23 mm, so that makes it *Parasa chloris*, as far as I can tell. I think the blue background somehow messed up the white balance on the camera. I could not take out the odd color cast--I think the problem is that there is so much blue reflected up onto the moth that it really did change the apparent color. I corrected this as best as I could, but the colors still don't look quite right.

URL: <http://bugguide.net/node/view/234899>

[Insecta](#) » [Lepidoptera](#) » [Moths](#) » [Zygaenoidea](#) » [Limaconidae](#) » [Parasa](#) » [Parasa indetermina](#)



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URL: <http://bugguide.net/node/view/244074>

[Insecta](#) » [Diptera](#) » ["Nematocera" \(Non-Brachycera\)](#) » [Culicomorpha](#) » [Ceratopogonidae](#)



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URL: <http://bugguide.net/node/view/234919>

[Insecta](#) » [Diptera](#) » ["Nematocera" \(Non-Brachycera\)](#) » [Culicomorpha](#) » [Chaoboridae](#) » [Chaoborus](#)



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URL: <http://bugguide.net/node/view/234915>

[Insecta](#) » [Diptera](#) » ["Nematocera" \(Non-Brachycera\)](#) » [Culicomorpha](#) » [Culicidae](#) » [Ochlerotatus](#) » [Ochlerotatus canadensis](#) ♂



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URL: <http://bugguide.net/node/view/234921>

[Insecta](#) » [Diptera](#) » [Calypttratae](#) » [Oestroidea](#) » [Tachinidae](#) » [Phasiinae](#) » [Xanthomelanodes](#)



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Found at a lighted wall.

URL: <http://bugguide.net/node/view/233533>

[Insecta](#) » [Diptera](#) » [Acalyptratae](#) » [Heleomyzidae](#) » [Suillia](#)



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Attracted to lights.

URL: <http://bugguide.net/node/view/234948>

[Insecta](#) » [Diptera](#) » [Acalyptratae](#) » [Tephritoidea](#) » [Ulidiidae](#) » [Pseudotephritis](#) » [Pseudotephritis](#)
[vau](#)



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Attracted to lights at field station. A short video of its wing-waving can be seen at <http://www.flickr.com/photos/8343980@N06/2776068664>.

URL: <http://bugguide.net/node/view/215562>

[Insecta](#) » [Diptera](#) » [Acalyptratae](#) » [Tephritoidea](#) » [Ulidiidae](#) » [Pseudotephritis](#) » [Pseudotephritis](#)
[vau](#)



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Attracted to lights at the field station.

URL: <http://bugguide.net/node/view/215563>

[Insecta](#) » [Diptera](#) » [Acalyptratae](#) » [Tephritoidea](#) » [Ulidiidae](#) » [Pseudotephritis](#) » [Pseudotephritis vau](#)



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I believe this is the same individual fly [as the previous images].

URL: <http://bugguide.net/node/view/220281>

[Insecta](#) » [Diptera](#) » [Acalyptratae](#) » [Tephritoidea](#) » [Ulidiidae](#) » [Pseudotephritis](#) » [Pseudotephritis vau](#)



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I believe this is the same individual fly [as the previous images].

URL: <http://bugguide.net/node/view/220283>

Summary and Acknowledgements

The BugGuide community hopes that this information is useful to area researchers, and welcomes feedback on any of the specimens identified in this report, or general participation on the website, www.bugguide.net.

The attendees of the gathering wish to thank the University of Tennessee and Great Smoky Mountains National Park for the opportunity to explore their grounds.