1 NEXT FIELD TRIPS
Field Trips are free and open to the public.
Mark your calendar!

BUTTERFLIES AND WILDFLOWERS OF
PLEASANT VALLEY CONSERVANCY
Saturday, June 17, 2017
10 a.m.– Noon.

Pleasant Valley Conservancy is a beautiful state natural area situated in the Driftless Area, with steep goat prairies, oak savanna, and a large, high quality marsh. This time of year we expect to see Baltimore Checkerspots and perhaps some wetland skippers. Other possible butterfly species include swallowtails, Silvery Checkerspot, fritillaries, and blues. All of these butterflies will have many wonderful native plants to nectar on this time of year. Led by Dr. Douglas Buege and Tom and Kathy Brock. Long pants, a hat, water, and hiking shoes are recommended. Bring binoculars—the closer they focus, the better! (We have a few extra binoculars.) If you would like, bring along a bag lunch for after the field trip; dessert will be provided! (This is a joint trip of SWBA with Madison Audubon and The Prairie Enthusiasts.) Contact leaders only if you have a question about the trip: Douglas at (608) 441-9833 or Tom at (608) 238-5050 or tdbrock@charter.net

DIRECTIONS: (4554 Pleasant Valley Road, Black Earth) Heading south into downtown Black Earth follow County Hwy F as it turns right (west). After a mile or so, F turns left (south). Continue on F for another 3 3/4 miles turning left onto Pleasant Valley Road. Drive 3/4 mile (past the buildings on the right) to the state natural area sign. Park off the road.

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BUTTERFLIES OF CHEROKEE MARSH
Saturday, June 24
10:00 a.m. to Noon

On this morning walk we’ll observe and learn about butterflies, those small but exquisitely beautiful creatures that dance around us in summer. Karl and Dorothy Legler and Jan Axelson will lead this 2 hour walk at Cherokee Marsh on the northeast side of Madison. We will observe a variety of butterflies as they take nectar from wildflowers, and learn about their identification, behavior, and lifestyle. Bring binoculars if you have them — close-focusing ones work best. We have a few extra pairs of binoculars. It’s best to wear long pants and a hat for protection from the sun.
This is a joint trip of the Southern Wisconsin Butterfly Association, with Madison Audubon Society, and Friends of Cherokee Marsh. 
Meet at 10:00 a.m.  

**DIRECTIO**

NS:  
On the north side of Madison take Northport Drive (Highway 113) then turn north on Sherman Ave. Meet at the Cherokee Marsh parking lot at the north end of Sherman Ave. (6098 N Sherman Ave, Madison, WI.) Call Karl at (608) 643-4926 or email karlndot@charter.net, only if you have a question about the trip.

Butterflies of Rocky Run Oak Savanna State Natural Area

NEW!
Saturday, July 1
9:00 a.m. - noon

This is a new one-time field trip. Rocky Run Fishery Area and Oak Savanna State Natural Area is an extensive 737 acre area in Columbia County. It was designated in 1988, and the following year leaders Karl and Dorothy Legler began an annual NABA butterfly survey here which has been conducted for 28 years. The area has Oak forest and savanna, trout stream, shrub wetland, sedge meadow, grassland, remnant and restored prairie and a conifer plantation. We will stay mostly on trails and expect to find American Coppers, Banded Hairstreaks, Delaware Skippers, Mulberry Wing, and many others. Long pants, a hat, water, and hiking shoes are recommended. Bring binoculars—the closer they focus, the better! (We have a few extra binoculars.) Call Karl at (608) 643-4926 only if you have a question about the trip.

**DIRECTIO**

NS: Meet at 9:00 a.m. Taking Hwy 51 north from Madison, continue straight north on Hwy 22. Go 1.3 miles past the intersection of Hwy 22 with County B. The parking lot is on the left.

Butterflies and Dragonflies of Swamp-Lovers Preserve

Tuesday, July 4
9:30 a.m. to 1:00 p.m.

Celebrate July 4th at this beautiful private preserve that consists of remnant and restored wetlands, remnant bluff prairie, restored tall grass prairie, and dry hilly oak-hickory woodland. In past years, we have observed an impressive variety of dragonflies and butterflies as we explored the different habitats. Bring binoculars (close-focusing ones work best). (We will have a few extra binoculars.) Bring your own lunch and beverages to enjoy when we finish the trip by driving up to the bluff-top picnic shelter. Leaders are Tod Highsmith, Karl and Dorothy Legler. This is a joint trip of SWBA and The Prairie Enthusiasts.

**DIRECTIO**

NS: Meet at 9:30 a.m. Travel west from Cross Plains on Hwy 14. Just outside town take County KP to the right (north), go about 1.3 miles and turn left at the Swamp Lovers sign. Call Karl Legler at (608) 643-4926 or cell (608) 228-0743 only if you have a question about the trip or if the weather is questionable.
Madison Butterfly Count
Saturday, July 8
9:00 - Noon
LEADERS: Karl and Dorothy Legler

This is our 27th annual Madison butterfly count! Each year, butterfly enthusiasts all over North America participate in more than 450 censuses of butterfly species. Each count is similar to a Christmas Bird Count. These censuses help to monitor the health of our butterfly populations and the results are published in an annual report for North America. If you can identify butterflies, or can help spot butterflies, or just want to see and learn about butterflies, join us on this 3 hour count/field trip. Bring binoculars, the closer they focus the better. (We have a few extra binoculars.) Dress for protection from the heat and sun, a hat is recommended. The North American Butterfly Association (NABA) requires a $3.00 fee from each participant to help cover publishing costs.

Meet at 9 a.m. at the parking lot for the Grady Tract in the UW Arboretum.

DIRECTIONS: Heading west on the Beltline (Hwy 12), take the Seminole Hwy exit and then turn left (south) on Seminole Hwy driving across the bridge over the Beltline, turning immediately into the parking lot for the Grady Tract. If you have a question about the butterfly count, contact leaders Karl and Dorothy Legler at (608) 643-4926 or karlndot@charter.net

2 HIGHLIGHTS OF RECENT FIELD TRIPS

HIGHLIGHTS FROM BAUER-BROCKWAY BARRENS (Jackson Co.)

Led by Mike Reese. Originally scheduled for Saturday, May 20, a weather forecast of chilly weather, overcast and rain forced the field trip to be postponed to Thursday, May 25. Six of us were able to make it, the weather was excellent, and the butterflies were good! This was our 11th annual Jackson County field trip. We found 29 species which is 2nd only to the outstanding butterfly year 2012. Four species were seen in the highest numbers of the 11 years (Clouded Sulphur 24, Wild Indigo Duskywing 6, and American Copper 33). Three species were seen for the first time in the 11 years (Giant Swallowtail, Pink-edged Sulphur and Funereal Duskywing -- which is a very rare stray from the South, seen by Dan Sonnenberg.)

Here are the results of the day's butterflying (bold type indicates the best sightings):

- Giant Swallowtail 1
- Eastern Tiger Swallowtail 4
- Canadian Tiger Swallowtail 4
- Olympia Marble 30
- Clouded Sulphur 24
- Pink-edged Sulphur 1
- American Copper 33
- Hoary Elfin 1
- Frosted Elfin 1
- Henry's Elfin 1

- Eastern Pine Elfin 20
- Eastern Tailed-Blue 9
- Spring Azure 6
- Silvery Blue 4
- Karner Blue 1
- Gorgone Checkerspot 98
- Mourning Cloak 1
- American Lady 20
- Common Ringlet 4
- Monarch 3

Northern Cloudywing 6
Dreamy Duskywing 8
Sleepy Duskywing 4
Juvenal's Duskywing 39
Funereal Duskywing 1
Wild Indigo Duskywing 3
Persius Duskywing 21
Hobomok Skipper 1
Dusted Skipper 39
HIGHLIGHTS OF TOUR OF PAGE CREEK MARSH (AND OBSERVATORY HILL)
Led by Dan Sonnenberg on June 4. There was a good turn-out which divided into two groups, one for prairie plants and one for butterflies. The butterfly group had 12 people. In the afternoon we hiked to the top of Observatory Hill and additional butterflies were seen. We found 20 species. The best sighting was a few **Indian Skippers** which have an L-shaped array of faint yellow spots on the underside of the hindwing. We also enjoyed the many Red-spotted Purples and numerous Little Wood-Satyrs.
Here are the 20 species seen:

<table>
<thead>
<tr>
<th>Species</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Swallowtail</td>
<td>5</td>
</tr>
<tr>
<td><strong>Giant Swallowtail</strong></td>
<td>17</td>
</tr>
<tr>
<td>Eastern Tiger Swallowtail</td>
<td>19</td>
</tr>
<tr>
<td>Clouded Sulphur</td>
<td>1</td>
</tr>
<tr>
<td><strong>American Copper</strong></td>
<td>17</td>
</tr>
<tr>
<td>Eastern Tailed-Blue</td>
<td>2</td>
</tr>
<tr>
<td>Spring Azure</td>
<td>3</td>
</tr>
<tr>
<td>Pearl Crescent</td>
<td>12</td>
</tr>
<tr>
<td>Question Mark</td>
<td>1</td>
</tr>
<tr>
<td>American Lady</td>
<td>1</td>
</tr>
<tr>
<td>Red Admiral</td>
<td>2</td>
</tr>
<tr>
<td><strong>Common Buckeye</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Red-spotted Purple</strong></td>
<td>19</td>
</tr>
<tr>
<td>Little Wood-Satyr</td>
<td>46</td>
</tr>
<tr>
<td>Monarch</td>
<td>4</td>
</tr>
<tr>
<td>Silver-spotted Skipper</td>
<td>16</td>
</tr>
<tr>
<td><strong>Northern Cloudywing</strong></td>
<td>22</td>
</tr>
<tr>
<td>Juvenal's Duskywing</td>
<td>3</td>
</tr>
<tr>
<td><strong>Indian Skipper</strong></td>
<td>4</td>
</tr>
<tr>
<td>Hobomok Skipper</td>
<td>25</td>
</tr>
</tbody>
</table>

3   SWBA VOLUNTEER OPPORTUNITY

Our long-time Treasurer, **Ginny Nelson**, will be retiring from this position later in this year so we are calling on our members for someone to volunteer to be Treasurer for SWBA. Ginny will help explain the duties of the Treasurer -- they are light. If you can help out, or need more information, contact the Nominating Committee Chairperson Tod Highsmith at (608) 242-1168 or at todhighsmith@me.com

4   SPOTLIGHT ON BUTTERFLIES: Red-spotted Purple

The Red-spotted Purple is a beautiful butterfly. It's found along open trails in woods and along wood edges. The caterpillar feeds principally on Wild Black Cherry trees, but can use various other trees, including Poplars, Aspen, Birch and others. It often sips nutrients from the ground. It has two broods per year, the first in June and the second in late July and August.
The Red-spotted Purple is a mimic of the toxic Pipevine Swallowtail which is black with iridescent blue along the trailing edge of the hindwings. Birds that have sampled the distasteful Pipevine Swallowtail learn to avoid black and blue butterflies! This mimicry protects the palatable Red-spotted Purple from avian predators. The red spots on the underside of the hindwing also mimic the Pipevine Swallowtail. (Two other butterflies that mimic the Pipevine Swallowtail are female Black Swallowtail and black form female Eastern Tiger Swallowtail.) Farther north in Wisconsin the Red-spotted Purple is far from the range of Pipevine Swallowtail so mimicry is no longer genetically favored by strong advantage and its appearance is dramatically different! It takes on the distinctive appearance of

![Red-spotted Purple (upperside). Mimic of the toxic Pipevine Swallowtail.](image)

![Red-spotted Purple (underside).](image)

![White Admiral](image)
the White Admiral with prominent white bands on the forewings! The White Admiral is very common in northern Wisconsin. The White Admiral and the Red-spotted Purple are one and the same species but look and behave sufficiently differently to constitute two subspecies. There is a broad zone in central Wisconsin which has hybrids of intermediate appearance.

The young caterpillar overwinters in a rolled up dead leaf.

5 Jeffrey Glassberg’s A SWIFT GUIDE TO BUTTERFLIES OF NORTH AMERICA has new, improved 2nd Edition!

Jeffrey Glassberg is NABA’s founder and President, and authority on field identification of butterflies. This 5 1/4” X 8 1/4” X 1” book is the ultimate Guide to Butterflies of North America! It has more than 3,600 color photographs! It covers all known species for North America (north of Mexico). (If you need a guide to Mexican butterflies, that’s a separate book Glassberg has written!)

Revised from the 1st Edition with 650 new photos, updated text, maps and species’ names. The photos are mostly large in size and include views of topsides and undersides, males and females, and variants, for most species. Detailed range maps. Color text boxes highlight information about habitat, food plants, abundance and flight period, and other interesting facts. The term “Swift” refers to the description of field marks, which are embedded in the photographs for “swift access” and the book is billed as “the most user-friendly butterfly field guide ever created.” It has an index of 150 thumbnail photos to take you to the most common butterflies and groups. A complete index to English and scientific names is also provided.

Although Kenn Kaufman’s guide is useful and I’d definitely recommend it as a 2nd guide, the distinct advantage of this Swift Guide is the comparatively large photos (spread over 420 pages!) They simply show butterflies in more detail than in the smaller-sized images in Kaufman.

There have been two important improvements in this 2nd Edition. Some reviews complained about the binding wearing out in the first edition but the 2nd edition has a new publisher and it has an obviously improved binding! The 2nd weakness in the 1st edition was that the butterfly name was small and inconspicuous. In the new edition the names are in a little larger type and in bold face which makes the name stand out. The price on Amazon is $23.40.

To make the guide easier to use for Wisconsin I will put a new Quick Index to Wisconsin Species for this 2nd Edition, on the SWBA website within a few days. It can be downloaded and taped into the book.

6 BUTTERFLY REPORTS FROM wisconsinbutterflies.org

May was cool and rainy. The Swengels described the effect as “many cloudy and rainy days are simply making there be shorter, smaller flights.” May had fewer reports this year than last. That typically indicates that butterflies were under the weather!

Two records stand out: Mike Reese found the first record of Common Ringlet in Waushara County on June 4. The Common Ringlet has spread south from Canada and was first seen in northern Wisconsin in Burnett County in 1961. It has been gradually spreading southward in Wisconsin ever since. It has taken 56 years to get to Mike Reese! Who will it get to next?!

Another interesting photo record was a White Admiral photographed in Sauk County on June 2 by Muffy Barrett. White Admirals seldom get very far south of their northern Wisconsin range.

Keep sending reports to wisconsinbutterflies.org
7  **UPCOMING SWBA FIELD TRIP SCHEDULE FOR JULY AND AUGUST.**  (mark these on your calendar!)
These field trips are free and open to the public.

<table>
<thead>
<tr>
<th>DAY</th>
<th>DATE</th>
<th>TRIP TITLE</th>
<th>LEADER(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday</td>
<td>July 15</td>
<td>Butterflies and Flowers of Schurch-Thomson</td>
<td>Dr. Douglas Buege</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Rich Henderson</td>
</tr>
<tr>
<td>Saturday</td>
<td>July 29</td>
<td><strong>NEW</strong> Butterflies of Kalscheur Oak Savanna</td>
<td>Dan Sonnenberg</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Rich Henderson</td>
</tr>
<tr>
<td>Saturday</td>
<td>August 5</td>
<td>Butterflies of Avoca/Blue River Area</td>
<td>Dan Sonnenberg</td>
</tr>
</tbody>
</table>

8  **2017 NABA BUTTERFLY COUNT SCHEDULE**
This is a good way to gain more experience with a range of butterflies. Whether experienced or novice, you are always welcome to participate. To join in, or if you have a question, contact the coordinators (Karl and Dorothy Legler, karlndot@charter.net, (608) 643-4926).
(NABA charges a $3 fee to participate in a count, to help defray the cost of publication.)
(For a list of additional Butterfly Counts in Wisconsin and elsewhere, visit NABA’s Web site at [www.naba.org/counts/us_mx_map.html](http://www.naba.org/counts/us_mx_map.html) Contacts are Listed.)

<table>
<thead>
<tr>
<th>COUNT NAME</th>
<th>DAY</th>
<th>DATE</th>
<th>COUNTY</th>
<th>THIS YEAR WILL BE THE</th>
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<tbody>
<tr>
<td>Mud Lake</td>
<td>Saturday</td>
<td>July 1</td>
<td>Columbia Co.</td>
<td>29th year</td>
</tr>
<tr>
<td>Oconto</td>
<td>Friday</td>
<td>July 7</td>
<td>Oconto Co.</td>
<td>3rd year</td>
</tr>
<tr>
<td>Madison</td>
<td>Saturday</td>
<td>July 8</td>
<td>Dane Co.</td>
<td>27th year</td>
</tr>
<tr>
<td>Dubuque (Wis. portion)</td>
<td>Sunday</td>
<td>July 9</td>
<td>Grant Co.</td>
<td>15th year</td>
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<tr>
<td>Trempealeau</td>
<td>Tuesday</td>
<td>July 11</td>
<td>Trempealeau Co.</td>
<td>28th year</td>
</tr>
<tr>
<td>Northern Kettle Moraine</td>
<td>Friday</td>
<td>July 14</td>
<td>Fond du Lac Co.</td>
<td>21st year</td>
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</table>

The **ButterFlyer** flits to you every month in summer. The next issue will be in July.