

# Massachusetts Butterflies



Spring 2013, No. 40

*Massachusetts Butterflies* is the semiannual publication of the Massachusetts Butterfly Club, a chapter of the North American Butterfly Association. Membership in NABA-MBC brings you *American Butterflies*, *Butterfly Gardener*, *Massachusetts Butterflies*, and our spring mailing of field trips, meetings, and NABA Counts in Massachusetts. Regular NABA dues are \$30 for an individual, \$40 for a family, and \$60 outside the United States. Send a check made out to NABA to: NABA, 4 Delaware Road, Morristown, NJ 07960. An “MBC only” membership is \$15, and includes a subscription to *Massachusetts Butterflies* and all club mailings. Send a check made out to Massachusetts Butterfly Club to our club secretary, address below.

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Cover photo: Long-tailed Skipper (*Urbanus proteus*), Sylvan Nursery,  
Westport, MA, 10/5/12, Frank Model

From the Editor:

For twenty years, *Massachusetts Butterflies* has been providing Massachusetts' butterflyers with annual summaries of field records as well as natural history articles and a variety of notes about the lepidoptera of the Bay State. The journal began in the spring of 1993 under the editorship of Brian Cassie, shortly joined by Tom Dodd in 1993 and 1994. Brian was really the founder of the club, and wore many hats in those days, but he also found the time to establish the journal as an outstanding biannual summary of the state of Massachusetts' butterflies. He remained editor for the first 10 issues, and has continued to write for us over the years, including his compilation of 2012 butterfly memories in this issue. He passed the editorship baton to Alison Robb in August 1998. She proceeded to grace the next couple of issues with her delicate pencil drawings of skippers. She did a wonderful job as editor through the Fall 2001 issue, and her lovely drawing of a Common Wood-Nymph appears on that issue's cover.

Brian Cassie briefly resumed editorship for 2002. Then, beginning in Spring 2003 and for the past ten years, the editorship has been most capably handled by Sharon Stichter. During her tenure as editor, she has excelled at managing and producing a wonderfully informative and beautifully crafted journal that we are all so proud to claim as our club's own. She has worked very, very hard on behalf of the journal and the club, and most recently she has also developed her own outstanding website on *The Butterflies of Massachusetts: A New Look at Their History, Status, and Future*, at: [www.butterfliesofmassachusetts.net](http://www.butterfliesofmassachusetts.net). We all would like to thank Sharon, very much, for her many years of effort for the club, and we wish her well in her new endeavors.

As we enter our third decade of publication, I hope to continue to assist in providing the quality publication that helps make the Massachusetts Butterfly Club one of the premier butterfly watching organizations in the country. I urge everyone to contribute articles and photographs about butterflies, butterfly gardening, and butterfly watching in Massachusetts. We are always looking for new and interesting information, field notes, and book reviews, and our new color center section will be a great showcase for your beautiful photographs. My contact information is on the inside front cover, and I look forward to hearing from you,

Bill Benner, Editor

## 2012 - A Butterfly Year to Remember

Edited by Brian Cassie

From spring through late fall and from every corner of the state, email and phone reports of butterfly migrations and southern species came pouring in to websites, newspapers, and other media outlets in 2012. It was a butterfly blitz of a year, probably the best we have ever seen in Massachusetts in terms of rarities and massive migratory flights. So, we asked members of the Massachusetts butterfly community to share, in a single paragraph, some of the year's outstanding highlights. Here are the responses we received - somewhat edited for space but we hope not for excitement.

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My most outstanding event of 2012 was coming very close to losing my 18-year old colony of Baltimore Checkerspots from too much success! So many caterpillars recovered from hibernation last spring that they totally consumed the primary host plant, Narrow-leaved Plantain (*Plantago lanceolata*). By early summer, there was hardly a single leaf in sight, and I was able to save that generation only by manually moving caterpillars by the hundreds onto every 'alternate' host plant I could find. By the time there were gravid female butterflies, the plantain ( the only acceptable host plant for egg deposition here) had recovered somewhat, but there were signs, to me at least, of 'desperation' egg laying such as large multiple egg masses, and a return (for the first season in many) of depositions on Butterfly Bush. This 'starvation scenario' is described in some literature for various checkerspots (*Euphydryas* spp.). One good outcome of this, however, owing to the large number of butterflies, was being able to encounter and photograph the very rare aberrant 'superba' form.

Don Adams

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Having resident Zabulon Skippers in my yard was one of the 2012 season's highlights for me. Perhaps one reason is that the males were so predictably present. Depending on the time of the day and the position of the sun, there were three different plants that one or two males would be perching on. In 2011, I first saw a male in my yard on August 3 and I had regular sightings until September 26. In 2012, my first sighting was on May 12. On August 17 and 20, I saw two males and one female, and saw the two males regularly until September 17. I don't have a lawn and let lots of different grasses grow naturally, so apparently there is something they like and I'm hoping they will appear again next spring. Another 2012 season highlight was my high count of Frosted Elfin in Foxboro. On May 25, I counted 123. This was a surprising and exciting comeback from my high count of 7 in 2008, when the population crashed, and of 17 in 2011. I have been monitoring the population since 2004.

Madeline Champagne

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It should have been clear that this year would be special when, on the early spring Club trip to Mount Tom, Tom Gagnon found a White M Hairstreak. A few days later, we saw yet another White M on the Montague Sand Plains and this individual let us get some good photographs, fresh and showing the stunning blue on the upper side of its wings. Then came the flights of Red Admirals and we said the year would be remembered for the grand influx of this species. Well, we spoke too soon; it then became the year of the Question Mark. More Question Marks than Eastern Commas. We thought that would do it for a special year. We did not have any luck when we looked for Early Hairstreak, Hessel's Hairstreak, or Bog Elfin. So, having missed these species, we did not really chase for a high species count in Massachusetts for 2012. In August, our species count started to expand along with a flight of Painted Ladies. At summer's end, Gail Howe Trenholm discovered the first of a number of colonies of Little Yellows in the state. This is

a much sought after species that was new for us in Massachusetts and we got to see it in two of the four spots it was found this year. On visits to the South Shore, we got to see Sachems at Allen's Pond, Cloudless Sulphurs at Horseneck Beach, and an Ocola Skipper at Sylvan Nursery. The Giant Swallowtail population that was first found in the southwestern corner of the state expanded and we saw them in the Northampton Community Gardens along with Checkered White and Common Checkered and Long-tailed Skippers. We ended up seeing 104 species in Massachusetts this year and our 'Life List' for the state climbed to 111 species. It was a banner year for butterflies here with major movements of multiple species as well as the discovery of new colonies of Little Yellows and Common Checkered Skippers.

Ron and Sue Cloutier



Tom Gagnon pointing out a White M Hairstreak (*Parrhasius m-album*), Mt. Tom, MA, 4/7/12, photo by Sue Cloutier

There was much to like about this butterfly season and I am sure that much of what I liked about it will be common to other members of the MBC. One thing that did get my attention that may not be often mentioned was the effect of this season on a few people who do not usually pay attention to butterflies. During the enormous spring migration of American Ladies, Red Admirals, and Question Marks here on Cape Cod, a few people e-mailed me asking what was going on, and that happened again during the irruption of Painted Ladies in August. During the summer, a friend from Fairhaven sent photos taken at the butterfly bush in her yard and wondered what she was seeing. It turned out she was seeing both Zabulon Skipper and Sachem. Later in the year, she was traveling along Sconticut Neck Road on the way to West Island and was inundated with Monarchs at the beginning of that migration. Some people were not able to ignore what was going on around them and a few of my friends have now taken an interest in butterfly watching as a result of the remarkable events of this year. In fact, not only has my friend in Fairhaven taken up butterfly watching, her teenage daughter even went in the field with us once.

Imagine! One of my favorite things about this year was that some people's eyes were opened to an aspect of our beautiful world that they had not noticed before.

Joe Dwelly

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The most interesting event of my year with regards to my interest in butterflies were my observations of the elfins. I am enamored with the group's intricate beauty in shades of tan and brown, with flecks and tones of purples and greens. If only I could witness the smallest of them, that elusive Bog Elfin. Our other Massachusetts elfins - the Brown, Hoary, Frosted, Henry's, and Eastern Pine - showed themselves well in the bountiful year of 2012. I have a photography site dedicated to the elfins : <http://dysart.zenfolio.com/elfin>

Greg Dysart

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We are real tyros, neophytes at identifying butterflies, but we did have two great experiences in Massachusetts this year. We traveled out to Bartholomew's Cobble to see the Giant Swallowtails and were not disappointed as we saw several nectaring on the Wild Bergamot and flying around. A couple of days later, they were being reported from eastern Massachusetts but the drive out there and the location were worth it. The other experience was finding and identifying a Little Yellow at Gooseberry Neck, a first for us and not too difficult to identify, as it appeared to be half the size of other yellow butterflies. We had not heard that Little Yellows were there so it was a find for us.

George Gove & Judy Gordon

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Nectaring at Purple Loosestrife at the cattail marsh edge in my backyard in July was my first northern Giant Swallowtail. Later, I played a hunch and took a coffee break from composing my latest DVD - mainly on Baltimore Checkerspots - and noticed a busy-body flitting quickly around the big Buddleia bush. It turned out to be a Long-tailed Skipper, complete with that radiant cerulean blue that dazzled the senses. During the Fourth of July butterfly census, I was disappointed to find few if any hairstreaks in their usual habitats, from Hatches Harbor, Provincetown to Evan's Field, to Horton's Camping Resort. My crown jewel habitat in No. Truro was devastated with the loss of 98% of its resident milkweed and there were literally no Coral Hairstreaks. On the positive side, Coral, Banded, & Striped Hairstreaks nectared at milkweed at the Cape Cod National Seashore NAC lab in North Truro and an Edwards' Hairstreak was found at the Crane WMA in Falmouth by Alison Robb and Joe Dwelly. Baltimore Checkerspots have occurred in a gala bonanza three years running all along the Marstons Mills

Airport fringe just off Route 149.

Tor Hansen

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I think the most spectacular event this past season (since I somehow missed seeing a Giant Swallowtail up here) was the huge irruption and seemingly (at least slightly) directed movement of *Vanessa* butterflies, especially the Painted Lady (*Vanessa cardui*). For me, the memory is further colored by lobster, since the butterflies seemed to be streaming by constantly during several outdoor lobster-laden events. Lobster were also very abundant this past season, though it didn't necessarily help the lobstermen much because the prices were low.

Les Kaufman

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Annie and I have only recently been seeking out butterflies that we haven't seen before. So much was new to us and this year the "southern invasion" added even more species to chase. I wanted to photograph Giant Swallowtails, having only seen a fly-by last season. So, we headed out to southwestern Massachusetts to look for them. We had a great time with Giants on the bergamot, a Luna Moth in the woods, and mating Harvesters along the river. Being characteristically greedy for even more, we checked out some local trees for Hackberry Emperors. We walked the road and looked up into the trees, but saw nothing. Walking back to the car, Annie spotted a pearly eye in the road. With a closer look it didn't look like a Northern Pearly Eye. It was a Hackberry Emperor, our first and it gave us real good looks, perching on my finger. As if this wasn't enough, it flew to the shrubs and landed near a Gray Comma. That was certainly a day to remember for us.

Garry & Annie Kessler

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Multiple great memories of this great butterfly year—most of them from our own back yard. Probably most amazing were the many Giant Swallowtail sightings, in the garden almost daily for weeks throughout the season, with 3 different peaks (broods?), including more than two dozen caterpillars on our two Rue plants at one point. And to think a couple of years ago we saw our very first one in the state. Also memorable was the August day of Painted Ladies, when in one afternoon their numbers in the garden went from two to an unprecedented five, to over 40 together in one patch of garden by the end of the day! And finally, on another August day we hosted fellow butterfly people for a very successful gardening class, accompanied by some cooperative Giants. We actually said aloud after the folks had left that the only way it could get any better would be to see a new butterfly for the yard. Sure enough, in that late afternoon our first ever Common Buckeye found our butterfly bushes. A very memorable year!

Bill Benner & Joe Wicinski

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My most memorable butterfly moment in 2012 was finding the first Monarch of the year in, of all places, the butterfly bushes at my parents' house in Everett.

Lorene Melvin

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My Massachusetts butterfly year was abbreviated because I was in California until May, followed by a three-week butterfly photography trip to Western China. So I didn't get home until well into June, thereby missing all of our "early" butterflies. But there were still many great moments. The first was when I finally re-found the Two-spotted Skipper in northwestern Worcester County in late June. A female two-spot even gave me a dorsal view and actually appeared to have two spots [though there are really more]. Then there was the MBC trip to Bartholomew's Cobble and environs in July which yielded over 40 Giant Swallowtails. And the trip led

by Tom Gagnon to Berkshire County a week later which produced three [or was it four?] Gray Commas. And the fall migrants weren't too shabby either, especially the colony of Little Yellows in Mattapoisett, which I dubbed "Trenholm Colony" in honor of it's discoverer, Gail Howe Trenholm. That was a "Massachusetts lifer" for me. With the possible exception of Queen, which I don't recall being reported, the club "ran the table" of reasonably probable migrant species. Just a great year, beginning to end.

Frank Model

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One of my favorite moments in this year of many great butterfly moments came on the first Massachusetts Butterfly Club trip on April 7, led by Tom Gagnon. Weather was an issue as it was in the high 40s when we arrived at the Bray Lake parking lot at Mt. Tom. A long walk past Goat Peak produced nothing more than Mourning Cloaks. Nice, but expected, as the temperature climbed into the 50s. Back at Goat Peak about noon, I was headed back down the trail from the tower assuming we would not see anything else when I heard someone call, "Hairstreak." I took a few more steps downhill in disbelief when I heard more calls. I returned to see Tom part way down the slope from the tower calling, "White M Hairstreak!" Most of us got a good look at this unexpected butterfly by bashing downhill through the underbrush to where it had landed. It was a great start to a great year!

Steve Moore

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Memorable sightings were of a Fiery Skipper on Buddleia in Provincetown, 100 or more Sachems in Chatham, Orleans, Brewster, Eastham, and Provincetown on both Buddleia and Sedum, four Long-tailed Skippers in Orleans and Eastham on Buddleia, and eight Cloudless Sulphurs in Chatham, Orleans, and Brewster.

Dave Norris

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My 2012 Butterfly Year was punctuated by three especially memorable occurrences. The first came on January 2 while I was participating in the Martha's Vineyard Christmas Bird Count. Despite being a notably mild mid-winter day, Allan Keith, Bob Stymeist, and I were startled to see a sulphur skipping over a green lawn near Squibnocket Pond. Closer scrutiny revealed the butterfly to be an Orange Sulphur, not surprisingly one of the tiny late season forms. Needless to say, this exceeded by many weeks the latest (earliest!) occurrence of this species I've ever recorded in Massachusetts. Another personal early first record came on March 8 when I found an Eastern Comma flying in the Wildlands Trust's Striar Conservancy in Halifax during one of the record-breaking warm temperature days this spring. And finally, I was particularly pleased to find a Checkered White – my first for Massachusetts – flying at Pochet Island in East Orleans on the tardy date of October 13 for one of the latest additions to the October Derby. All and all, it was a banner year for butterflies!

Wayne Petersen

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There were too many personal hi-lites for me and I cannot choose just ONE. Finding 21 GRAY COMMAS from April 16th all the way through October 18th was a lot of satisfaction, and 102 GIANT SWALLOWTAILS were fun. The two sightings of a RED-BANDED HAIRSTREAK in my garden plots at the Northampton Community Gardens were very exciting: 4th and 5th STATE RECORDS. Also finding over 100 species of butterflies in the state of Massachusetts was a challenge and exciting.

Tom Gagnon

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2012 was my second year seeking out butterflies and was it won-

derful! I recorded 50 different species of butterflies and that is without counting a few skippers I never did figure out. My first year I recorded 23. I had a Giant Swallowtail visit my yard and cooperate nicely for photos and that was definitely a highlight. Other highlights included Coral, Banded, Edwards', and White M Hair-streaks. I really enjoyed climbing Blue Hill and finding so many butterflies on the summit. The Painted Lady irruption was also a fun surprise. I remember the day I went outside and found my butterfly bush just filled with fresh Painted Ladies. I also was thrilled to see hundreds and hundreds of Monarchs at Eastern Point, Gloucester in September. I was so in awe at the sight of them all. I don't think I'll ever forget it and only hope I get to repeat it some day. I enjoyed two MBC field trips and saw two new butterfly species on them: Harvester and Leonard's Skipper. I became a member of the MBC. I have learned so much from the MBC web site and use it regularly to identify what I have photographed. I particularly enjoyed the Google Group notices about what people were seeing and where. The decisions about how and where to spend my weekend days were sometimes so tough! I cannot wait to see what 2013 brings.

Dawn Puliafco

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At World's End Reservation in Hingham on May 12, we were thrilled by astonishing numbers of butterflies: we covered barely 1/6th of the area, yet counted at least 913 Red Admirals and saw many, too, on the drive down to Hingham and back. What a privilege to be there to witness these energetic guys flying in from the southwest at the rate of about one every ten seconds! We also found 34 fresh Painted Ladies, 231 (mostly elderly) American Ladies, 42 Eastern Commas, and 49 Question Marks, mostly newly emerged. Other remarkable species, in numbers we had never experienced before in a single day, were 198 Common Ringlets, 43 American Coppers, and 39 Pearl Crescents. Also present were a dozen other spring species in smaller but more typical numbers. It was a really beautiful cloudless afternoon, in the low 70s with a

slight breeze, and the wildflowers had just begun to bloom. Such admirable timing!

Lesley Stillwell & Bob Bowker

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Giant Swallowtails exploded eastward across the state this past summer. Although everyone else seemed to be reporting the species from their towns, we seemed to be in a “dead zone.” Then, on Aug. 20, my Medfield friend left me an excited phone message that she was watching a Giant Swallowtail on her Buddleia “right now!” Of course, I was away that morning. Eight days later, on Aug. 28, she called again, to say a Giant Swallowtail was back again in her back yard. She watched it fly from the fading Buddleia to her Lantana before it flew away. After I had seen reports of Giant Swallowtails at the Mass Horticultural Society gardens at Elm Bank, Wellesley, we decided to go there on Aug. 29. And while we were in the New England Trial Garden, I finally spotted and photographed my first Giant! For the next 35 minutes, we followed this well worn individual (with both tails missing) as it flew from flower to flower. I shot some 60 photos (saving 15) and two video clips.

Walt Webb



*Nan Wilson, Elise Barry, Barbara Volkle,  
and Ron Cloutier, Springfield, ME, 8/2/12*

## 2012 Season Summary and Records

### Mark Fairbrother

After what amounted to a non-winter in the region, butterflies began appearing early and often, and continued through November. Temperatures in the 90's in March set the stage for early than normal flight periods for most species. The sunny hot weather continued throughout most of the season, which apparently served as an invitation to numerous Southern species to come visit for the summer. It will be interesting to discover if this has a carry-over effect in 2013.

Following the NABA checklist the number of species reported for 2012 was 111.

If you weren't careful in 2012 you could have been run over by butterflies. A wave of Red Admirals and Question Marks surged northward into and through the state in May, Giant Swallowtails seemed to be everywhere during the second half of July and through August, and then Painted Ladies poured southward through the state in amazing numbers during the second half of August.

Over 8,000 records were received for the 2012 season. Thank-you to the many observers submitting records either directly to me or posting their sightings on the MassLep butterfly list server. Unfortunately it's not possible to fit more than a fraction of the total records in the available space. This does not mean that they aren't important; all reported butterflies are

logged in the database and help to give a picture of the health of the various butterfly populations in Massachusetts. In deciding which records to include I tried to balance a combination of early and late dates, location, high numbers, and observer, in that order.

### SWALLOWTAILS

Even though there were general expectations of another good year for Giant Swallowtail after the showing it made in 2011, people were still stunned by its amazing population boom when from mid-July through early September it was the most reported swallowtail in the state. Will the many reports of eggs and larva mean another big year in 2013? Pipevine Swallowtails were reported from only two locations; a yard in Foxboro and an apparently well established colony in Athol, and Black, Eastern Tiger, Canadian, and Spicebush Swallowtail were reported in about normal numbers. Appalachian Swallowtail was reported from Newbury in early July.

### WHITES AND SULPHURS

Mustard White was reported only from the species' stronghold in the Berkshires, while West Virginia White was reported in low numbers primarily in higher elevations from the CRV westward. There were two reports of Checkered White, one from Northampton and the other from Orleans. Cabbage White was abundantly reported throughout the season. Clouded and Orange Sulphur reports were about average, and beginning in August Cloudless Sulphur was reported regularly, usually at or near

the coast. Some breeding activity was also seen for this species, so who knows what 2013 may bring. Finally, a colony of Little Yellow was found in Mattapoisett in early August, and by September the species had also moved into the CRV, being found in four places there. The Mattapoisett colony persisted at least through late October.

## GOSSAMER-WINGS

This year Harvester was reported not only from its stronghold in the Mystic Lakes area but also from the CRV and the Berkshires.

Although Bronze Copper is known to occur in the Berkshires and CRV, in 2012 it was reported only from its Wayland and Ipswich locations, and a site in Needham. Bog Copper was reported from the three usual locations, even though it is much more widespread. Hairstreak numbers on the whole were a mixed bag in 2012, with some species hardly reported and others popping up all over. Coral Hairstreak was fairly well reported in a four week period from late June through late July. Banded Hairstreak showed up starting in mid-June and persisted through early August. Edwards Hairstreak was well reported from the Woburn-Canton area, but seldom elsewhere. Frosted Elfin was on the wing from early April to early May in the CRV (lupine-feeding), while in eastern Mass. the Baptisia-feeding Frosted's were out from mid-April at least through the first week in June. Bog Elfin was reported only from Ashburnham. Henry's Elfin turned up from late March through late May,

with all records from the eastern half of the state. Eastern Pine Elfin flew from early April through mid-June, with a peak report of 20 from Roy-alston. Hoary Elfin was reported from Plymouth county, the outer Cape and islands. In late August Red-banded Hairstreak was sighted for the second straight year, with two records from the NCG. Only two reports of Hickory Hairstreak were received, from the Southern Berkshire 4J and the Blackstone Valley 4J. White M Hairstreak surprised observers from one end of the state to the other, and from early in the season until nearly the end, with the first sighting coming from Holyoke in early April and the last from Brookline in late October. In between White-M was found in such places as Sheffield, Montague, Chilmark, Canton, Newbury, and Barnstable. Hessel's Hairstreak had one report from Canton, while the relatively more common Juniper Hairstreak was found at eight sites. Gray Hairstreaks were widespread from late March to early October, with the highest number coming from West Tisbury in mid-April. Early Hairstreak was reported three times at the end of May, all from Mt. Greylock. I suspect this may be our most under-reported hairstreak because during the atlas project in the late 1980's I found the species in far-flung areas, and never when I was expecting it. Spring Azure was reported heavily from late March through April, with records tailing off through late May and early June. Summer Azure emerged just in time to replace it, starting in late May and running through early September. Cherry Gall Azure was reported from a handful of locations mostly in the eastern half

of the state from mid-April through mid-May.

## BRUSHFOOTED BUTTERFLIES

Three reports of individual American Snout were received, one each from Rehoboth, the NCG, and the Pittsfield area. Considering the massive influx of other southern species in 2012, one wonders how many American Snout were really out there...

Variegated Fritillary was scarce in 2012, considering the massive influx of other southern migrants throughout the state and season. Aphrodite and Atlantis Fritillaries reports continued below historical numbers. Harris' Checkerspot was under-reported, and although large numbers were sometimes involved, so was Baltimore Checkerspot. Question Mark staged a major migration into our area in April and May, and Gray Comma was reported the entire length of Berkshire County, as well as one in Hampshire County, at various locations and times from mid-April through the end of August, with a peak count of 4 in mid-July, and a Green Comma was found in mid-July in Savoy. Mourning Cloak started the season in 2012 by appearing in Sherborn on February 22, and continued to dominate reports for the next month. American Lady staged a major invasion in April and May and continued to be seen in numbers through mid-November. After a normal start, Painted Lady produced an amazing passage through the state in the second half of August, with numbers in the hundreds in small areas or for short periods of time. While this observer has of course watched

Monarchs coasting gracefully by on their way south in the Fall, I was shocked by the numbers and forceful flight of Red Admirals passing northward in May in 2012. For Milbert's Tortoiseshell the tide of sightings from just a few years ago appears to have ebbed, with just a small handful of sightings, and mostly singles at that. Compton Tortoiseshell was even scarcer with only three reports, while Common Buckeye was widespread from the CRV east and was one of the last species reported from 2012.

Viceroy numbers were about average and the species was widespread. Both Hackberry and Tawny Emperor were reported from the handful of places they are known to occur in the state. The "Browns", No. Pearly-eye, Eyed Br., Appalachian Br., Little Wood-Satyr, Com. Ringlet and Com. Wood-Nymph numbers and reports were about as would be expected. Monarch arrived in mid-April and finally left in mid-October.

## SKIPPERS

And then there were the skippers. If one hadn't already been bowled over by waves of migrating Red Admirals, Question Marks or Painted Ladies, there were the influxes of Long-tailed Skippers, Fiery Skippers, Sachems and Zabulon and Ocola Skippers to keep you on your toes. Silver-spotted Skipper had a more or less average year. Long-tailed Skipper began showing up in mid-August in the east and continued to be found until the end of the season in late October. While most records were from the eastern half of the state, L-t S turned up at the NCG and

in Hubbardston and were likely more widespread than that. Hoary Edge appears to have had an off season, as did Southern and Northern Cloudywing. Dreamy Duskywing numbers were off while Sleepy, Juvenal's, Horace's and Wild Indigo all had normal seasons. Common Checkered Skipper appeared at and around the NCG from late August through September. Common Sootywing numbers were perhaps off a bit, but this skipper can be fairly easily overlooked. With its somewhat limited range in Massachusetts, Arctic Skipper is never well reported, but seven records for 2012 still doesn't reflect the real range and numbers in the state. European Skipper, while often reported in large numbers, wasn't reported from many locations in 2012. After an isolated late June record, Fiery Skippers began appearing in earnest in late August and generated numerous records of multiple individuals from Northampton in the west to Ipswich and Dartmouth in the east until the end of the season. Except for an isolated record from Athol, all reports of Leonard's Skipper were again from the eastern half of the state. Low Cobweb and Indian Skipper reports probably also didn't reflect those species status in the state, while Peck's, Tawny-edged, Crossline Skippers and Long and N. Broken Dash and Delaware Skipper were average. Sachems appeared in the southeast in mid-July and were reported from many locations near the coast, sometimes in large numbers, through mid-October, making this species one of the stars of the 2012 season. Zabulon Skipper had another remarkable year in 2012 when the species was recorded in numbers everywhere except the upper CRV and

the Berkshires. Broad-winged Skipper turned up in Windsor of all places, while Dion Skipper was present in Florence and in the Housatonic River valley and reported from Northbridge and Westport. Two-spotted Skipper was found in two locations in the middle of the state, while Pepper and Salt Skipper was found a bit further east than usual. There was only one report of Com. Roadside Skipper, from Winchendon in early June. Ocola Skipper rounded out the influx of southern species into our state in 2012 by showing up from mid-August into early October, mostly at or near the coast.

There were 52 new Early or Late flight dates established in 2012, with a large majority being new early dates.

Early Dates: Giant Swallowtail, May 12; E. Tiger Swallowtail, Apr 3; Canadian Tiger Swallowtail, Apr 19; Spicebush Swallowtail, Apr 17; Clouded Sulphur, Mar 19; Orange Sulphur, Mar 22; Am. Copper, Mar 20; Bog Copper, Jun 20; Brown Elfin, Mar 23; Hoary Elfin, Apr 21; Frosted Elfin, Apr 6; Henry's Elfin, Mar 23; Bog Elfin, May 19; E. Pine Elfin, Mar 29; Juniper Hairstreak, Apr 13; White-M Hairstreak, Apr 7; Gray Hairstreak, Mar 23; E. Tailed-Blue, Apr 14; Cherry Gall Azure, Apr 14; Great Spangled Fritillary, May 13; Silver-bordered Fritillary, May 7; Pearl Crescent, Apr 18; Question Mark, Mar 18; Green Comma, Aug 13; Gray Comma, Apr 16; Mourning Cloak, Jan 11; Com. Buckeye, Apr 21; Silver-spotted Skipper, Apr 21; Long-tailed Skipper, Aug 14; No. Cloudywing, Apr 15; Sleepy Duskywing, Apr 14; Juvenal's Dusky-

wing, Apr 11; European Skipper, May 11; Fiery Skipper, Jun 30; Cobweb Skipper, Apr 28; Peck's Skipper, Apr 30; Tawny-edged Skipper, May 7; Long Dash, May 7; Zabulon Skipper, Apr 28; Dusted Skipper, May 13; Ocola Skipper, Aug 14.

Late Dates: Checkered White, Oct 13; Little Yellow, Oct 22; Coral Hair-streak, Sep 21; So. "Oak" Hairstreak, Aug 5; Red-banded Hairstreak, Sep 14; Aphrodite Fritillary, Oct 6; Pearl Crescent, Nov 4; Com. Buckeye, Nov 10; Long-tailed Skipper, Oct 25; Fiery Skipper, Oct 25; Zabulon Skipper, Oct 16.

Record High Counts: were obtained for fourteen species in 2012: Pipevine Swallowtail – 8, Giant Swallowtail - 41, Bronze Copper – 14, Henry's Elfin – 10, Great Spangled Fritillary – 114, Painted Lady – 500, Eastern Comma – 42, Green Comma – 1, Gray Comma – 4, Sleepy Duskywing – 20, Fiery Skipper – 25, Sachem – 34, Dun Skipper – 353, Pepper and Salt Skipper – 23.

**Pipevine Swallowtail**

- 7/16 1 Champagne yard, Foxborough - Madeline Champagne
- 8/12 3 Athol - Dave Small
- 8/17 8 Athol - Dave Small
- 8/23 2 Athol - Steve Moore
- 9/1 1 Athol - Tom Gagnon

**Black Swallowtail**

- 4/15 2 World's End, Hingham - Mark Faherty
- 4/15 1 Holliston - Richard Hildreth
- 4/16 1 Joppa Flats, Newburyport - Joe Stichter
- 4/19 1 Whately - Bill Benner
- 4/21 7 Appleton Farms, Ipswich - Matt Arey
- 4/27 1 Katama, Edgartown - Matt Pelikan
- 5/7 6 HPM, Woburn - Bob Bowker & Lesley Stillwell
- 5/12 3 W Bridgewater - Don Adams
- 5/20 1 S Hadley - T. J. & Mikayla Willard
- 5/27 1 Williamstown - Pam Weatherbee
- 5/31 2 Appleton Farms, Ipswich - Howard Hoople
- 6/4 1 Muddy Brook, Ware - Brian Klassanos
- 6/10 1 MBWMA, Newbury - Joe & Sharon Stichter
- 6/23 6 W Bridgewater - Don Adams
- 6/30 4 N Worcester NABA - Carl Kamp et al
- 7/2 5 Old Town Hill, Newbury - Matt Arey
- 7/13 27 S Berkshire NABA - Rene Laubach et al
- 7/14 32 N Berkshire NABA - Tom Tynning et al
- 7/21 22 C Berkshire NABA - Tom Tynning et al

- 7/21 8 W Tisbury - Allan Keith
- 7/22 39 MV NABA - Matt Pelikan et al
- 7/30 1 Bart's Cobble, Sheffield - Garry Kessler
- 8/4 8 Appleton Farms, Ipswich - MBC trip
- 8/13 3 Savoy - Tom Gagnon
- 8/17 1 Gloucester - Susan Hedman
- 8/25 1 MMP, Williamstown - Bo Zarembo
- 8/27 1 Athol - Dave Small
- 8/31 1 Williamsburg - Carol Duke
- 9/2 5 Eva's Garden, Dartmouth - Lauren Miller-Donnelly
- 9/7 2 Sunderland - Ron & Sue Cloutier
- 9/12 8 Heirloom Harvest CSA gardens, Westboro - Steve Arena
- 9/16 2 Fort Hill, Eastham - Steve Arena
- 9/23 2 Northampton CG - MBC trip
- 10/1 1 Wayland - Greg Dysart
- 10/6 1 Wayland CG - Steve Moore, Barbara Volkle

**Giant Swallowtail**

- 5/12 3 Sheffield - Matt Arey
  - 5/18 2 Bart's Cobble, Sheffield - Tom Gagnon
  - 5/24 1 Whately - Bill Benner
  - 5/28 1 Adams - Terri Armata
  - 7/13 1 S Berkshire NABA - Rene Laubach et al
  - 7/15 1 Chelmsford - Richard Simpson
  - 7/17 1 Williamsburg - Carol Duke
  - 7/18 1 Northampton CG - Tom Gagnon
  - 7/18 2 North Adams, Mt. Greylock State Res. - Vitaly Charny
  - 7/25 41 Sheffield - Steve Moore et al
  - 7/26 1 Amherst - Mikayla Willard
  - 7/26 2 Williamstown - Pam Weatherbee
  - 7/28 1 Arlington - Wayne Petersen
  - 7/30 1 Sheffield - Garry Kessler
  - 7/31 1 Hubbardston - Wendy Howes
  - 7/31 2 IRWS, Topsfield - Rosemary Mosco
  - 8/1 1 Concord - Susan Kazmaier
  - 8/2 3 IRWS, Topsfield - Matt Arey
  - 8/3 1 S-C TTOR, N Andover - Russ Hopping
  - 8/3 4 Florence - Tom Gagnon
  - 8/5 1 Petersham - Rich Lent
  - 8/5 1 Wellfleet Bay Ws, Wellfleet - Gail Trenholm
  - 8/6 1 Haverhill - Steve Mirick
  - 8/7 5 Northampton CG - Tom Gagnon
  - 8/7 1 E Bridgewater - Eddie Giles
  - 8/8 1 Athol - Dave Small
  - 8/10 1 Orange - Colleen Bushey
  - 8/11 1 NP - Sue Speak
  - 8/12 2 Whately - Bill Benner
  - 8/12 1 Williamstown - Manuel Morales
  - 8/12 6 IRWS, Topsfield - Matt Arey
  - 8/13 1 Wenham - Karen Haley
  - 8/14 1 Arlington - Lisa Wolfe
  - 8/16 1 Williamstown - Pam Weatherbee
  - 8/16 1 Champagne yard, Foxborough - Madeline Champagne
  - 8/17 1 Haley Yard, Marblehead - Karen Haley
  - 8/17 1 Hubbardston - Barry van Dusen
  - 8/17 2 Sylvan Nursery, Dartmouth - Mark Mello
  - 8/17 1 W Tisbury - Tom Hodgson
  - 8/18 1 Springfield - Jen Prairie
  - 8/19 1 Gloucester - Susan Hedman
  - 8/20 1 Falmouth - Alison Robb
  - 8/22 1 Greenfield - Mark Fairbrother
  - 8/22 1 Foxborough - Brian Cassie
  - 8/23 1 Ashland - Dawn Puliafico
  - 8/24 5 W Roxbury - Tea Kesting-Handly
  - 8/24 1 Westwood - Erik Nielsen
  - 8/26 1 Chatham - Ryan Schain
  - 8/28 3 Northampton CG - Tom Gagnon
  - 8/29 5 Northampton CG - Frank Model
  - 8/31 1 Greenfield - James Zimmerman
  - 9/2 1 Whately - Bill Benner
  - 9/4 1 Medfield - Walt Webb
  - 9/4 1 Richmond - H. Caine
- Tiger Swallowtail (spp.)**
- 4/12 1 E Longmeadow - Karen Parker
  - 5/6 1 W Bridgewater - Don Adams
  - 5/11 1 Lakeville - Robin Gross



White M Hairstreak (*Parrhasius m-album*), Montague Sand Plains, MA, 4/13/12, Sue Cloutier

Giant Swallowtail (*Papilio cresphontes*), Bartholomew's Cobble, Sheffield, MA, 7/31/12, George Gove



Red Admirals (*Vanessa atalanta*), Cambridge, MA, 5/12/12, Walt Webb



Henry's Elfin (*Callophrys henrici*),  
Arlington Great Meadows, Lexington,  
MA, 4/18/12, Greg Dysart

Frosted Elfin (*Callophrys irus*),  
Lamson Road, Foxboro, MA,  
5/8/12, Madeline Champagne



American Copper (*Lycaena  
phlaeas*), Mt. Tom, Holyoke,  
MA, 5/25/12, Mikayla Willard

Gray Comma (*Polyommia  
progne*), Windsor, MA,  
7/12/12, Frank Model





Zabulon Skippers (*Poanes zabulon*), male left, female right, Longmeadow, MA, 8/12/12, Karen Parker



Ocola Skipper (*Panoquina ocola*), Yarmouth, MA, 10/1/12, Joe Dwelly



Red-spotted Admiral (*Limentis arthemis*), Whately, MA, 6/3/12, Bill Benner



Baltimore Checkerspot (*Euphydryas phaeton*), aberrant 'superba' form,  
West Bridgewater, MA, 6/19/12, Don Adams



Clayton's Copper (*Lycaena dorcas claytoni*), Springfield, ME, 8/2/12,  
Barbara Volkle

Clayton's Copper female (*L. dorcas claytoni*), Springfield,  
ME, 8/2/12, Barbara Volkle



5/14 2 Sherborn PL - Bob Bowker  
5/19 5 Old County Rd, Ashburnham - MBC trip  
5/27 20 Williamstown - Pam Weatherbee  
6/10 10 Winchendon - Carl Kamp  
6/22 1 World's End, Hingham - Bob Bowker & Lesley Stillwell  
6/30 60 N Worcester NABA - Carl Kamp et al  
7/8 2 E Longmeadow - Karen Parker  
7/21 3 Sherborn PL - Bob Bowker  
8/5 7 Mary Cummings Park, Burlington - Lesley Stillwell &  
8/17 2 Champagne yard, Foxborough - Madeline Champagne  
8/23 1 Arlington - Lisa Wolfe  
9/12 1 Champagne yard, Foxborough - Madeline Champagne  
10/5 1 Fairhaven - Dan Zimmerlin

#### Eastern Tiger Swallowtail

4/3 1 Holliston - Richard Hildreth  
4/13 1 HPM, Woburn - Howard Hoopie  
4/14 1 GBH, Canton - Matt Arey  
4/16 1 Springfield - Jen Prairie  
4/21 1 Harwich - Larry Barry  
4/29 2 GITW, Framingham - Dawn Puliafico  
5/3 1 Whately - Bill Benner  
5/6 1 Oak Bluffs - Matt Pelikan  
5/7 2 Little River Nature Trail, NP - Bo Zaremba  
5/17 1 Hoft Farm, W Tisbury - Matt Pelikan  
5/19 3 Chelmsford PL - Bob Bowker & Lesley Stillwell  
5/20 3 W Bridgewater - Don Adams  
5/31 8 Moore SP, Paxton - Elise Barry  
6/3 1 Dauphinis Park, Grafton - Dolores Price  
6/3 1 Barneys Joy, Dartmouth - Lauren Miller-Donnelly  
6/10 1 Rowden Yard, Leicester - Mark Rowden  
6/15 1 Graves Farm, Williamsburg - Bill Benner  
6/28 6 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
7/2 4 Old Town Hill, Newbury - Matt Arey  
7/7 13 Truro NABA - Tor Hansen et al  
7/10 7 Moore SP, Paxton - Elise Barry  
7/14 13 Blackstone Valley NABA - Tom Dodd et al  
7/21 9 Brewster NABA - Alison Robb et al  
7/22 14 Northampton NABA - Mark Fairbrother et al  
7/25 9 Sheffield - Steve Moore et al  
7/30 2 FS WMA, Longmeadow - Steve Moore & Barbara Volkle

7/31 3 Northampton CG - Tom Gagnon  
8/4 1 Larkin RA, Northbridge - Bob Bowker  
8/12 2 Whately - Bill Benner  
8/13 1 Savoy - Tom Gagnon  
8/17 1 Bank Street bog, Harwich - Joe Dwelly  
8/18 3 Old Town Hill, Newbury - Matt Arey  
8/20 1 Ashland - Dawn Puliafico  
8/30 1 AP, Dartmouth - S. Moore, B. Volkle, W. Miller  
9/1 1 Sherborn PL - Bob Bowker & Leslie Stillwell  
9/2 1 Halibut Point SP, Rockport - Matt Arey

#### Canadian Tiger Swallowtail

4/19 1 Whately - Bill Benner  
4/20 3 Goat's Peak, Holyoke - Tom Gagnon  
5/27 45 Petersham - MBC trip  
5/29 157 North Adams, Mt. Greylock State Res. - Tom Gagnon  
6/3 47 North Adams, Mt. Greylock State Res. - MBC trip  
7/10 3 Berkshire County - Tom Gagnon  
7/14 12 N Berkshire NABA - Tom Tynning et al  
7/21 2 C Berkshire NABA - Tom Tynning et al

#### Appalachian Tiger Swallowtail

7/2 6 Old Town Hill, Newbury - Matt Arey

#### Spicebush Swallowtail

4/17 1 Ward Res, Andover - Howard Hoopie  
4/28 1 Myles Standish State For. Carver - Matt Arey  
4/29 1 E Longmeadow - Karen Parker  
5/12 1 W Bridgewater - Don Adams  
5/16 3 DWWS, Marshfield - Fred Bouchard  
5/17 1 Whately - Bill Benner  
5/17 1 Ipswich - Jim Berry  
5/27 1 Lamson Rd, Foxborough - Madeline Champagne  
6/10 1 Rowden Yard, Leicester - Mark Rowden  
6/15 2 Graves Farm, Williamsburg - Bill Benner  
6/24 4 World's End, Hingham - Bob Bowker et al

6/28 2 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
6/30 7 N Worcester NABA - Carl Kamp et al  
7/7 11 Truro NABA - Tor Hansen et al  
7/8 1 Bart's Cobble, Sheffield - MBC trip  
7/14 6 Blackstone Valley NABA - Tom Dodd et al  
7/21 4 Chilmark - Allan Keith  
7/22 12 MV NABA - Matt Pelikan et al  
7/22 12 Bristol NABA - Mark Mello et al  
7/22 7 Northampton NABA - Mark Fairbrother et al  
8/2 8 Nasketucket Bay Reserve, Mattapoisett - Gail Howe  
8/5 2 Mary Cummings Park, Burlington - Lesley Stillwell &  
8/7 1 Northampton CG - Tom Gagnon  
8/12 2 Whately - Bill Benner  
8/14 1 Tidmarsh Farms, Plymouth - Mark Faherty  
8/17 2 Thompson Fields, Harwich - Joe Dwelly  
8/21 2 Easthampton - Bruce King  
8/23 2 Arlington - Lisa Wolfe  
9/2 2 Halibut Point SP, Rockport - Matt Arey  
9/3 1 E Longmeadow - Karen Parker  
9/17 1 Borden Colony, Raynham - Joe Dwelly  
10/5 1 Worcester - Martha Gach

#### Checked White

8/30 1 Northampton CG - Ron & Sue Cloutier  
10/13 1 Pochet Island, Orleans - Wayne Petersen

#### Mustard White

4/16 2 Windsor - Tom Gagnon  
4/30 13 Windsor - Tom Gagnon et al  
6/10 1 Notchview Res., Windsor - Julie Richburg  
6/15 100 Lenox - Frank Model  
7/21 56 C Berkshire NABA - Tom Tynning et al  
8/13 13 Savoy - Tom Gagnon

#### West Virginia White

4/12 2 Sunderland - Ron & Sue Cloutier  
4/13 5 Sunderland - Steve Moore et al  
4/16 2 Windsor - Tom Gagnon  
4/16 1 Savoy - Tom Gagnon  
4/30 1 Windsor - Tom Gagnon et al  
5/11 1 Whately - Bill Benner

#### Cabbage White

3/12 1 Natick - Bob Bowker  
3/18 1 Florence - Tom Gagnon  
3/18 1 W Bridgewater - Don Adams  
3/20 1 Edgartown - Matt Pelikan  
4/10 6 Holliston - Richard Hildreth  
4/17 5 Ashland - Dawn Puliafico  
4/17 2 Falmouth - Kristin Steinmetz  
4/29 2 Acton - Tom Whelan  
5/14 3 MMP, Williamstown - Bo Zaremba  
5/20 3 Sweet Alice CA, Amherst - Joshua Rose & Harvey Allen

5/31 18 Raynham - Joe Dwelly & Randy Buckner  
6/24 703 World's End, Hingham - Bob Bowker et al  
6/24 23 Ipswich - Jim Berry  
7/13 128 S Berkshire NABA - Rene Laubach et al  
7/14 70 N Berkshire NABA - Tom Tynning et al  
7/21 172 Brewster NABA - Alison Robb et al  
8/4 100 Larkin RA, Northbridge - Bob Bowker  
8/6 12 Nantucket - Bo Zaremba  
8/19 135 Westport - Mark Lynch  
8/20 10 Weston Nurseries, Hopkinton - Dawn Puliafico  
8/24 4 Muir Meadow, Paxton - Elise Barry  
8/30 25 AP, Dartmouth - S. Moore, B. Volkle, W. Miller  
8/31 10 Athol - Dave Small  
9/3 100 Northampton CG - Bill Benner  
9/12 100 Heirloom Harvest CSA gardens, Westboro - Steve Arena  
9/13 8 E Longmeadow - Karen Parker  
9/15 40 E Gloucester - Richard Heil  
9/27 25 Rockport - Jim Berry  
10/5 35 Borden Colony, Raynham - Joe Dwelly  
10/17 25 SBSR - Tom Murray  
10/26 1 Quabog WMA, Brookfield - Mark Lynch  
11/4 2 Tisbury - Brian Cassie  
11/10 5 Fairhaven - Mark Lynch

## Clouded Sulphur

3/19 2 Borden Colony, Raynham - Randy Buckner  
4/4 2 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
4/10 1 Champagne yard, Foxborough - Madeline Champagne  
4/11 1 Hadley - Joshua Rose  
4/14 1 E Longmeadow - Karen Parker  
4/15 35 Assabet River NWR, Sudbury - Dawn Puliafico  
4/17 6 Holliston - Richard Hildreth  
4/18 12 Ipswich - Jim Berry  
4/20 4 Crane WMA, Falmouth - Alison Robb & Joe Dwelly  
4/25 6 Ipswich - Jim Berry  
5/6 7 Dauphinais Park, Grafton - Dolores Price  
5/6 15 Wilder WR, Norton - Joe Dwelly  
5/6 12 Sherborn PL - Bob Bowker & Lesley Stillwell  
5/7 1 Tully Dam, Royalston - Carl Kamp  
5/12 9 W Bridgewater - Don Adams  
5/19 25 Delaney WMA, Stow - MBC trip  
5/20 5 Sweet Alice CA, Amherst - Joshua Rose & Harvey Allen  
5/20 9 Tower Hill, Boylston - Wendy Miller  
6/12 4 Eliza Little Trail, Newburyport - Sharon Stichter  
6/22 6 World's End, Hingham - Bob Bowker & Lesley Stillwell  
6/24 16 W Tisbury - Matt Pelikan  
6/27 16 Hamilton - Jim Berry  
6/28 17 Sherborn PL - Bob Bowker  
6/29 19 Graves Farm, Williamsburg - Bill Benner  
6/30 247 N Worcester NABA - Carl Kamp et al  
7/7 17 Truro NABA - Tor Hansen et al  
7/13 79 S Berkshire NABA - Rene Laubach et al  
7/14 89 N Berkshire NABA - Tom Tynning et al  
7/21 5 Chilmark - Allan Keith  
7/25 4 Sheffield - Steve Moore et al  
7/25 3 Williamstown - Pam Weatherbee  
8/6 1 Nantucket - Bo Zaremba  
8/13 1 Savoy - Tom Gagnon  
8/19 4 Northampton CG - Frank Model  
9/3 12 Sunderland - Mark Fairbrother  
9/3 1 Oak Bluffs - Matt Pelikan  
9/14 67 Moore SP, Paxton - Elise & Karl Barry  
9/16 15 Appleton Farms, Ipswich - Matt Arey  
9/17 11 Borden Colony, Raynham - Joe Dwelly  
9/20 7 Westborough - Steve Arena  
10/5 11 Nasketucket Bay Reserve, Mattapoisett - Joe Dwelly  
10/5 2 Northampton CG - Tom Gagnon  
10/6 12 Concord - Steve Moore, Barbara Volkle  
10/22 27 Gooseberry Neck, Westport - Mark Lynch  
11/10 66 Fairhaven - Mark Lynch  
11/10 1 Salisbury - Bo Zaremba

## Orange Sulphur

3/22 1 Correllus State Forest, West Tisbury - Matt Pelikan  
3/23 1 Essex County - Matt Arey  
4/17 2 Stichter Yard, Newbury - Sharon Stichter  
4/17 3 Holliston - Richard Hildreth  
4/20 1 Whately - Bill Benner  
4/21 3 CST, Northborough - Steve Moore  
4/30 2 Chelmsford PL - Lesley Stillwell & Bob Bowker  
5/6 3 Dauphinais Park, Grafton - Dolores Price  
5/19 49 Chelmsford PL - Bob Bowker & Lesley Stillwell  
5/20 1 Florence - Tom Gagnon  
5/31 18 Raynham - Joe Dwelly & Randy Buckner  
6/3 3 North Adams, Mt. Greylock State Res. - MBC trip  
6/14 3 Bay Farm, Duxbury - Bob Bowker & Lesley Stillwell  
6/27 9 Hamilton - Jim Berry  
6/27 4 Marston Mills Airport - Joe Dwelly  
6/29 20 MHF, Sharon - Madeline Champagne  
6/30 140 N Worcester NABA - Carl Kamp et al  
7/21 123 C Berkshire NABA - Tom Tynning et al  
7/22 76 MV NABA - Matt Pelikan et al  
7/25 6 Sheffield - Steve Moore et al  
7/25 19 Borden Colony, Raynham - Joe Dwelly & Randy  
8/5 28 Mary Cummings Park, Burlington - Lesley Stillwell &  
8/13 3 Savoy - Tom Gagnon  
8/19 8 Cuttyhunk Island - Mark Faherty  
8/25 6 MMP, Williamstown - Bo Zaremba  
9/2 8 Northbridge - Bob Bowker & Lesley Stilwell

9/14 20 Moore SP, Paxton - Elise & Karl Barry  
9/16 71 AP Field Station, Dartmouth - Lauren Miller-Donnelly  
9/16 8 Appleton Farms, Ipswich - Matt Arey  
9/23 10 Northampton CG - MBC trip  
9/25 1 Eastern Point, Gloucester - Susan Hedman  
10/6 8 Gloucester - Jim Berry  
10/16 24 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly  
10/22 4 Ashland - Dawn Puliafico  
11/1 3 Ipswich - Jim Berry  
11/4 20 Tisbury - Brian Cassie  
11/10 11 Fairhaven - Mark Lynch  
11/18 4 Fort Hill, Eastham - Erik Nielsen

## Cloudless Sulphur

8/13 2 Nasketucket Bay Reserve, Mattapoisett - Wendy Miller  
8/19 1 Cuttyhunk Island - Mark Faherty  
8/20 1 Manomet, Plymouth - Mark Faherty  
8/26 9 Chatham - Ryan Schain  
8/27 1 AP Field Station, Dartmouth - Lauren Miller-Donnelly  
8/29 1 Morris Island, Chatham - Garry Kessler  
8/29 1 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
9/2 2 Halibut Point SP, Rockport - Matt Arey  
9/4 1 Yarmouth - Joe Dwelly  
9/7 3 Acoaxet - Mark Lynch  
9/13 4 Gooseberry Neck, Westport - Ron & Sue Cloutier  
9/14 4 Chatham - Blair Nikula  
9/15 1 E Gloucester - Richard Heil  
9/16 1 Appleton Farms, Ipswich - Matt Arey  
9/17 1 White Horse Beach, Plymouth - Mark Faherty  
9/20 1 Chilmark - Allan Keith  
9/22 1 Woods Hole - Alison Robb  
9/22 2 Tower Hill, Boylston - Elise and Karl Barry  
10/2 3 Fort Hill, Eastham - Mark Faherty  
10/6 3 Newbury - Matt Arey  
10/6 1 Squibnoctet, Chilmark - Allan Keith  
10/26 2 Woods Hole - Alison Robb

## Little Yellow

8/1 8 Mattapoisett - Bo Zaremba  
8/2 36 Nasketucket Bay Reserve, Mattapoisett - Gail Howe  
8/13 25 Nasketucket Bay Reserve, Mattapoisett - Wendy Miller  
8/19 1 Northampton CG - Frank Model  
9/1 6 Nasketucket Bay Reserve, Mattapoisett - Joe Dwelly  
9/3 6 Sunderland - Mark Fairbrother  
9/7 8 Sunderland - Ron & Sue Cloutier  
10/5 15 Mattapoisett - Frank Model  
10/6 1 Muddy Brook, Ware - Brian Klassanos  
10/17 1 Gooseberry Neck, Westport - George Gove  
10/22 6 Nasketucket Bay Reserve, Mattapoisett - Joe Dwelly

## Harvester

5/12 1 Mystic Lakes, Medford - Renee LaFontaine  
5/31 1 Arlington - Marj Rines  
7/6 5 Mystic Lakes, Medford - Renee LaFontaine  
7/12 14 Mystic Lakes, Medford - Renee LaFontaine  
7/13 2 S Berkshire NABA - Rene Laubach et al  
7/14 1 Blackstone Valley NABA - Tom Dodd et al  
7/21 1 C Berkshire NABA - Tom Tynning et al  
7/30 10 Mystic Lakes, Medford - Renee LaFontaine  
7/30 2 Bart's Cobble, Sheffield - Garry Kessler  
8/13 2 Savoy - Tom Gagnon  
8/25 1 FS WMA, Longmeadow - MBC trip  
9/1 7 Mystic Lakes, Medford - Renee LaFontaine  
9/19 1 Medford - Renee LaFontaine

## American Copper

3/20 2 Carlisle CA Cranberry Bog - Simon Perkins  
4/14 1 GBH, Canton - Matt Arey  
4/17 1 Boxford - Jim Berry  
4/17 1 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
4/20 12 Gloucester - Susan Hedman  
4/21 1 E Longmeadow - Karen Parker  
4/21 1 Oak Bluffs - Matt Pelikan  
4/26 12 Ward Res, Andover - Howard Hoople  
4/29 18 Dennis-Greenough Ponds, Yarmouth - Joe Dwelly  
4/30 48 Chelmsford PL - Lesley Stillwell & Bob Bowker  
5/6 6 Borden Colony, Raynham - Joe Dwelly  
5/6 18 Weir Hill Res, N Andover - Russ Hopping

5/7 15 Tully Dam, Royalston - Carl Kamp  
 5/11 18 Pilgrim Lake, Truro - Joe Dwelley  
 5/12 12 Sheffield - Matt Arey  
 5/12 43 World's End, Hingham - Bob Bowker & Lesley Stillwell  
 5/14 12 Sherborn PL - Bob Bowker  
 5/14 1 MMP, Williamstown - Bo Zarembo  
 5/17 2 Hoft Farm, W Tisbury - Matt Pelikan  
 5/18 8 Lamson Rd, Foxborough - Madeline Champagne  
 5/19 193 Chelmsford PL - Bob Bowker & Lesley Stillwell  
 5/20 6 Sweet Alice CA, Amherst - Joshua Rose & Harvey Allen  
 5/20 9 Florence - Tom Gagnon  
 5/26 4 Crowe's, Dennis - Joe Dwelley  
 5/31 7 Raynham - Joe Dwelley & Randy Buckner  
 6/8 1 MBWMA, Newbury - Joe Stichter  
 6/23 2 E Longmeadow - Karen Parker  
 6/24 2 W Tisbury - Matt Pelikan  
 6/30 322 N Worcester NABA - Carl Kamp et al  
 7/7 129 Truro NABA - Tor Hansen et al  
 7/8 22 Bart's Cobble, Sheffield - MBC trip  
 7/9 43 Borden Colony, Raynham - Joe Dwelley  
 7/13 31 S Berkshire NABA - Rene Laubach et al  
 7/14 22 Blackstone Valley NABA - Tom Dodd et al  
 7/14 12 N Berkshire NABA - Tom Tynning et al  
 7/21 38 Brewster NABA - Alison Robb et al  
 7/22 11 MV NABA - Matt Pelikan et al  
 8/19 30 Cuttyhunk Island - Mark Faherty  
 8/25 2 MMP, Williamstown - Bo Zarembo  
 8/29 18 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 9/2 9 Northbridge - Bob Bowker & Lesley Stilwell  
 9/12 2 E Longmeadow - Karen Parker  
 9/23 2 Northampton CG - MBC trip  
 10/5 10 Stichter Yard, Newbury - Sharon and Joe Stichter  
 10/17 46 SBSR - Tom Murray  
 11/4 1 Tisbury - Brian Cassie  
 11/4 1 Oak Bluffs - Matt Pelikan

### Bronze Copper

6/14 2 CRP TTOR, Needham - Russ Hopping  
 9/12 3 IRWS, Topsfield - Mark Faherty  
 9/12 8 Wayland - Ron & Sue Cloutier  
 9/16 8 NAC, Concord - Garry Kessler  
 10/1 2 Wayland - Greg Dysart

### Bog Copper

6/20 12 Tully Dam, Royalston - Steve Moore et al  
 7/7 221 C Franklin NABA - Mark Fairbrother et al  
 7/7 16 Truro NABA - Tor Hansen et al  
 7/9 1 Tully Dam, Royalston - MBC trip

### Coral Hairstreak

7/11 1 Hatches Harbor, Provincetown - Tor Hansen  
 6/23 2 HPM, Woburn - MBC trip  
 6/23 1 GBH, Canton - Bruce deGraaf  
 6/24 1 E Longmeadow - Karen Parker  
 6/24 1 North Adams, Mt. Greylock State Res. - Tom Gagnon  
 7/2 20 HPM, Woburn - Matt Arey  
 7/5 4 MBWMA, Newbury - Sharon & Joe Stichter  
 7/7 5 Truro NABA - Tor Hansen et al  
 7/7 4 C Franklin NABA - Mark Fairbrother et al  
 7/10 6 HPM, Woburn - Greg Dysart  
 7/14 25 N Berkshire NABA - Tom Tynning et al  
 7/21 10 C Berkshire NABA - Tom Tynning et al  
 7/22 7 MV NABA - Matt Pelikan et al

### Acadian Hairstreak

6/23 1 Woburn - Bruce deGraaf  
 6/23 1 GBH, Canton - Bruce deGraaf  
 6/24 24 Pittsfield - Tom Gagnon  
 7/2 3 HPM, Woburn - Matt Arey

### Edwards' Hairstreak

6/22 1 HPM, Woburn - Howard Hoople  
 6/23 6 GBH, Canton - MBC trip  
 6/24 4 W Tisbury - Matt Pelikan  
 7/1 1 E Longmeadow - Karen Parker  
 7/2 15 HPM, Woburn - Matt Arey  
 7/14 1 Falmouth NABA - Alison Robb et al

7/15 2 GBH, Canton - Steven Whitebread  
 7/22 59 MV NABA - Matt Pelikan et al

### Banded Hairstreak

6/17 2 GITW, Framingham - Greg Dysart  
 6/19 4 Amherst - Joshua Rose  
 6/23 24 GBH, Canton - MBC trip  
 6/28 26 GITW, Framingham - Greg Dysart  
 6/30 17 GBH, Canton - Greg Dysart  
 7/1 3 Ashland - Dawn Puliatico  
 7/2 30 Old Town Hill, Newbury - Matt Arey  
 7/7 61 C Franklin NABA - Mark Fairbrother et al  
 7/13 10 S Berkshire NABA - Rene Laubach et al  
 7/14 20 Falmouth NABA - Alison Robb et al  
 7/14 17 N Berkshire NABA - Tom Tynning et al  
 7/22 7 MV NABA - Matt Pelikan et al  
 7/30 1 Moore SP, Paxton - Elise Barry  
 8/3 1 E Longmeadow - Karen Parker

### Hickory Hairstreak

7/13 2 S Berkshire NABA - Rene Laubach et al  
 7/14 1 Blackstone Valley NABA - Tom Dodd et al

### Striped Hairstreak

6/22 1 HPM, Woburn - Howard Hoople  
 6/23 4 HPM, Woburn - MBC trip  
 6/28 1 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
 6/30 2 N Worcester NABA - Carl Kamp et al  
 7/2 20 Old Town Hill, Newbury - Matt Arey  
 7/7 7 Truro NABA - Tor Hansen et al  
 7/7 1 C Franklin NABA - Mark Fairbrother et al  
 7/7 3 GBH, Canton - Dawn Puliatico  
 7/10 1 North Adams, Mt. Greylock State Res. - Tom Gagnon  
 7/14 4 N Berkshire NABA - Tom Tynning et al  
 7/15 1 E Longmeadow - Karen Parker  
 7/21 3 Brewster NABA - Alison Robb et al  
 7/31 1 Stichter Yard, Newbury - Sharon Stichter  
 8/6 7 Nantucket - Bo Zarembo

### Oak Hairstreak

6/7 1 Florence - Betsy Higgins  
 6/20 1 GBH, Canton - Greg Dysart  
 6/23 1 HPM, Woburn - MBC trip  
 6/23 1 Correllus State Forest, West Tusbury - Matt Pelikan  
 6/29 1 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 6/30 1 GBH, Canton - Greg Dysart  
 7/2 1 Old Town Hill, Newbury - Matt Arey  
 8/5 1 Natick - Lesley Stillwell

### Brown Elfin

3/23 2 HPM, Woburn - Matt Arey  
 4/4 42 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 4/4 6 Montague Plains - Sue & Ron Cloutier  
 4/13 1 Crane WMA, Falmouth - Joe Dwelley  
 4/14 13 Sherborn PL - MBC trip  
 4/17 24 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 4/28 20 Myles Standish State For. Carver - Matt Arey  
 5/11 4 Pilgrim Lake, Truro - Joe Dwelley  
 5/19 1 Chelmsford PL - Bob Bowker & Lesley Stillwell

### Hoary Elfin

4/4 1 Wasque, Edgartown - Russ Hopping  
 4/14 6 Myles Standish State For. Carver - Matt Arey  
 4/14 5 Correllus State Forest, West Tusbury - Matt Pelikan  
 4/17 2 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 4/17 4 Correllus State Forest, West Tusbury - Matt Pelikan  
 4/20 5 Myles Standish State For. Carver - Steve Moore & Tom  
 4/21 3 Myles Standish State For. Carver - Greg Dysart  
 4/27 2 MSSF, Plymouth - Joe Dwelley  
 4/28 20 Myles Standish State For. Carver - Matt Arey

### Frosted Elfin

4/6 5 Westfield - Tom Gagnon  
 4/12 4 Barnes Airport, Westfield - Ron & Sue Cloutier  
 4/14 1 Sherborn PL - MBC trip  
 4/25 1 Weir Hill Res, N Andover - Howard Hoople  
 4/26 18 Lamson Rd, Foxborough - Madeline Champagne  
 4/28 6 Myles Standish State For. Carver - Matt Arey  
 4/29 5 Acton - Tom Whelan  
 4/30 2 Chelmsford PL - Lesley Stillwell & Bob Bowker  
 5/6 2 Crane WMA, Falmouth - Alison Robb

5/6 1 Florence - Tom Gagnon  
5/6 3 HPM, Woburn - Howard Hoople  
5/7 56 Lamson Rd, Foxborough - Madeline Champagne  
5/13 102 Lamson Rd, Foxborough - Madeline Champagne  
5/20 3 Crane WMA, Falmouth - Joe Dwelley  
5/20 7 Sharon - Madeline Champagne  
5/20 107 Lamson Rd, Foxborough - Madeline Champagne  
5/27 123 Lamson Rd, Foxborough - Madeline Champagne  
6/1 20 Lamson Rd, Foxborough - Madeline Champagne

#### Henry's Elfin

3/23 1 Essex County - Matt Arey  
4/13 5 Fowl Meadows, Milton - Sam Jaffe  
4/14 1 Acton - Tom Whelan  
4/16 3 Great Meadows, Lexington - Tom Whelan  
4/18 10 Fowl Meadows, Milton - Sam Jaffe  
4/18 1 Hamilton - Jim Berry  
4/20 2 Sherborn PL - Bob Bowker  
4/27 1 Ponkopaug Bog, Canton - Rosemary Mosco  
4/30 1 MBWMA, Newbury - Sharon & Joe Stichter  
5/12 1 Tom Swamp, Petersham - Mark Rainey  
5/27 1 Petersham - MBC trip

#### Bog Elfin

5/19 1 Old County Rd, Ashburnham - MBC trip

#### Eastern Pine Elfin

4/4 8 Montague Plains - Sue & Ron Cloutier  
4/10 2 Delaney WMA, Stow - Steve Moore  
4/11 1 Holliston - Richard Hildreth  
4/13 1 Ward Res, Andover - Russ Hopping  
4/14 15 Myles Standish State For. Carver - Matt Arey  
4/14 9 Correllus State Forest, West Tusbury - Matt Pelikan  
4/17 3 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
4/20 3 Whately - Bill Benner  
4/20 2 E Longmeadow - Karen Parker  
4/30 4 Chelmsford PL - Lesley Stillwell & Bob Bowker  
5/7 20 Tully Dam, Royalston - Carl Kamp  
5/11 5 Pilgrim Lake, Truro - Joe Dwelley  
5/17 2 Delaney WMA, Stow - Tom Murray  
5/19 6 Old County Rd, Ashburnham - MBC trip  
5/27 1 Royalston - Mark Lynch & Sheila Carroll  
6/10 3 Winchendon - Carl Kamp

#### Juniper Hairstreak

4/13 3 HPM, Woburn - Howard Hoople  
4/17 1 HPM, Woburn - Steve Moore & Howard Hoople  
4/19 1 HPM, Woburn - Howard Hoople  
4/21 3 Middlesex Fells, Winchester - Matt Arey  
4/29 4 World's End, Hingham - Mike Polana  
4/30 5 World's End, Hingham - Russ Hopping  
5/12 1 HPM, Woburn - Greg Dysart  
5/17 4 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
5/25 2 Holyoke - MBC trip  
7/15 1 GBH, Canton - Steven Whitebread  
7/17 1 GBH, Canton - Greg Dysart  
7/21 7 Brewster NABA - Alison Robb et al  
7/21 1 GBH, Canton - Garry Kessler  
7/22 1 MV NABA - Matt Pelikan et al

#### Hessel's Hairstreak

5/20 3 Ponkopaug Bog, Canton - Mark Rainey

#### White M Hairstreak

4/7 1 Goat's Peak, Holyoke - MBC trip  
4/13 1 Montague Plains - Steve Moore et al  
4/13 1 Goat's Peak, Holyoke - Tom Gagnon  
4/21 1 Middlesex Fells, Winchester - Matt Arey  
4/30 1 Waskosim's Rock, Chilmark - Allan Keith  
5/12 2 Sheffield - Matt Arey  
7/4 1 GBH, Canton - Garry Kessler  
7/5 2 GBH, Canton - Garry Kessler  
8/1 1 Mattapoisset - Bo Zaremba  
8/16 1 Tidmarsh Farms, Plymouth - Mark Faherty  
8/17 1 Nasketucket Bay Reserve, Mattapoisset - Brian Cassie et  
8/18 1 Old Town Hill, Newbury - Matt Arey  
8/26 1 LPWS, Barnstable - Marianne Woods  
9/13 1 Brighton - Peter DeGennaro  
9/14 1 Moore SP, Paxton - Kristin Steinmetz  
9/16 2 Tidmarsh Farms, Plymouth - Mark Faherty

9/16 1 Sylvan Nursery, Dartmouth - Lauren Miller-Donnelly  
9/26 1 Long Hill TTOR, Beverly - Russ Hopping  
10/5 1 Mattapoisset - Frank Model  
10/6 1 Newbury - Matt Arey  
10/25 1 Park School, Brookline - Brian Cassie

#### Gray Hairstreak

3/23 1 HPM, Woburn - Matt Arey  
4/13 1 Crane WMA, Falmouth - Joe Dwelley  
4/14 1 Dauphinais Park, Grafton - Dolores Price  
4/14 6 Sherborn PL - MBC trip  
4/17 12 Correllus State Forest, West Tusbury - Matt Pelikan  
4/24 1 Ipswich - Jim Berry  
5/12 1 Lamson Rd, Foxborough - Madeline Champagne  
5/17 1 Marston Mills Airport - Joe Dwelley  
5/17 1 Ward Res, Andover - Russ Hopping  
5/20 1 Florence - Tom Gagnon  
5/20 1 Sherborn PL - Bob Bowker & Lesley Stillwell  
5/31 2 Westborough WMA - Wendy Miller  
6/30 1 E Longmeadow - Karen Parker  
7/2 5 Old Town Hill, Newbury - Matt Arey  
7/14 6 Blackstone Valley NABA - Tom Dodd et al  
7/14 6 Falmouth NABA - Alison Robb et al  
7/22 3 MV NABA - Matt Pelikan et al  
8/1 4 Mattapoisset - Bo Zaremba  
8/7 1 Ashland - Dawn Puliafico  
8/8 3 Borden Colony, Raynham - Joe Dwelley  
9/2 2 Halibut Point SP, Rockport - Matt Arey  
9/3 1 Northampton CG - Bill Benner  
9/3 1 Oak Bluffs - Matt Pelikan  
9/7 1 Sunderland - Ron & Sue Cloutier  
9/16 4 AP Field Station, Dartmouth - Lauren Miller-Donnelly  
10/5 1 Sylvan Nursery, Dartmouth - Frank Model  
10/5 1 Stichter Yard, Newbury - Sharon and Joe Stichter

#### Red-banded Hairstreak

8/18 1 Northampton CG - Tom Gagnon  
8/28 1 Northampton CG - Tom Gagnon  
9/14 1 Moore SP, Paxton - Elise & Karl Barry

#### Early Hairstreak

5/27 6 North Adams, Mt. Greylock State Res. - Terri Armata  
5/29 10 North Adams, Mt. Greylock State Res. - Tom Gagnon  
6/3 2 North Adams, Mt. Greylock State Res. - MBC trip

#### Eastern Tailed-Blue

4/14 1 Correllus State Forest, West Tusbury - Matt Pelikan  
4/15 2 Old Town Hill, Newbury - Matt Arey  
4/17 15 Correllus State Forest, West Tusbury - Matt Pelikan  
4/18 4 Woburn, Mary Cummings Estate - Bob Bowker, Leslie  
4/26 2 Lamson Rd, Foxborough - Madeline Champagne  
4/29 1 Acton - Tom Whelan  
4/30 1 Windsor - Tom Gagnon et al  
5/6 26 Sherborn PL - Bob Bowker & Lesley Stillwell  
5/6 10 HPM, Woburn - Howard Hoople  
5/12 2 FS WMA, Longmeadow - Steve Moore  
5/12 5 Sheffield - Matt Arey  
5/17 10 Milford PL - Bob Bowker & Lesley Stillwell  
5/20 1 Hadley - Joshua Rose  
5/20 1 Montague - Mark Fairbrother  
6/23 1 E Longmeadow - Karen Parker  
6/24 6 W Tisbury - Matt Pelikan  
6/24 5 Crowe's, Dennis - Joe Dwelley  
6/29 1 Graves Farm, Williamsburg - Bill Benner  
6/30 14 N Worcester NABA - Carl Kamp et al  
7/7 10 C Franklin NABA - Mark Fairbrother et al  
7/13 15 S Berkshire NABA - Rene Laubach et al  
7/14 13 Blackstone Valley NABA - Tom Dodd et al  
7/22 13 Bristol NABA - Mark Mello et al  
8/4 6 Larkin RA, Northbridge - Bob Bowker  
8/6 2 Sudbury - Greg Dysart  
8/13 12 Nasketucket Bay Reserve, Mattapoisset - Wendy Miller  
8/19 14 Rt 169 PL, Charlton - Bob Bowker & Lesley Stillwell  
8/19 2 Upton State Forest - Tom & Cathy Dodd  
8/22 1 Gloucester - Rick Heil  
8/23 13 NP - Bo Zaremba  
8/25 1 MMP, Williamstown - Bo Zaremba  
8/29 5 Wellfleet Bay Ws, Wellfleet - Mark Faherty

9/3 8 Sunderland - Mark Fairbrother  
9/7 7 Oak Grove Farm, Millis - Madeline Champagne  
9/16 5 AP Field Station, Dartmouth - Lauren Miller-Donnelly  
9/22 5 Wayland - MBC trip  
10/5 13 Nasketucket Bay Reserve, Mattapoisett - Joe Dwelly  
10/5 15 Sylvan Nursery, Dartmouth - Frank Model  
10/6 5 Newbury - Matt Arey  
10/22 4 Nasketucket Bay Reserve, Mattapoisett - Joe Dwelly

### Spring Azure

3/20 1 New Salem - Ron & Sue Cloutier  
3/20 1 Muddy Brook, Ware - Brian Klassanos  
3/21 1 Attleboro - Madeline Champagne  
3/22 1 E Bridgewater - Eddie Giles  
3/22 2 E Longmeadow - Karen Parker  
3/23 4 Royalston - Carl Kamp  
4/1 9 MBWMA, Newbury - Bo Zaremba  
4/4 1 Oak Bluffs - Matt Pelikan  
4/4 8 Montague Plains - Sue & Ron Cloutier  
4/4 6 Easton - Kevin Ryan  
4/13 24 Crane WMA, Falmouth - Joe Dwelly  
4/13 36 Fowl Meadows, Milton - Sam Jaffe  
4/15 10 Assabet River NWR, Sudbury - Dawn Puliafico  
4/16 13 Ponkopaug Bog, Canton - Bob Bowker & Lesley  
4/17 26 Bayberry Hills PL-Bike Path, Yarmouth - Joe Dwelly  
4/17 15 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
4/20 30 Myles Standish State For. Carver - Steve Moore & Tom  
4/25 3 Holliston - Richard Hildreth  
4/27 24 MSSF, Plymouth - Joe Dwelly  
4/30 20 Menemsha Hills, Chilmark - Allan Keith  
5/12 15 Chilmark - Allan Keith  
5/14 2 MMP, Williamstown - Bo Zaremba  
6/1 1 North Adams, Mt. Greylock State Res. - Greg Dysart  
6/3 1 Barneys Joy, Dartmouth - Lauren Miller-Donnelly  
6/16 1 Dunback Meadows, Lexington - Dawn Puliafico

### Cherry Gall Azure

4/14 10 GBH, Canton - Matt Arey  
4/15 2 Old Town Hill, Newbury - Matt Arey  
4/21 5 Middlesex Fells, Winchester - Matt Arey  
5/12 20 Winchendon - Carl Kamp  
5/17 3 Hoft Farm, W Tibsury - Matt Pelikan  
5/18 1 Moore SP, Paxton - Elise Barry

### Summer Azure

5/27 1 Petersham - MBC trip  
6/3 4 North Adams, Mt. Greylock State Res. - MBC trip  
6/11 1 Dunback Meadows, Lexington - Bob Bowker & Lesley  
6/30 9 N Worcester NABA - Carl Kamp et al  
7/10 1 Moore SP, Paxton - Elise Barry  
7/14 29 N Berkshire NABA - Tom Tynning et al  
7/25 2 Sheffield - Steve Moore et al  
8/12 2 Whately - Bill Benner  
8/13 2 Savoy - Tom Gagnon  
8/14 1 Tidmarsh Farms, Plymouth - Mark Faherty  
8/19 7 Cuttyhunk Island - Mark Faherty  
8/26 1 North Adams, Mt. Greylock State Res. - Bo Zaremba  
9/2 2 Halibut Point SP, Rockport - Matt Arey  
9/16 1 W Bridgewater - Don Adams

### Silvery Blue

4/16 1 Ponkopaug Bog, Canton - Bob Bowker & Lesley  
4/16 1 Fowl Meadows, Milton - Tea Kesting-Handly  
5/6 1 Weir Hill Res, N Andover - Russ Hopping  
5/12 3 Sheffield - Matt Arey  
5/17 25 Delaney WMA, Stow - Tom Murray  
5/18 4 Weir Hill Res, N Andover - Howard Hoople  
5/19 3 Delaney WMA, Stow - MBC trip  
5/23 8 Delaney WMA, Stow - Steve Moore

### American Snout

7/21 1 C Berkshire NABA - Tom Tynning et al  
8/4 1 Rehoboth - Lauren Miller-Donnelly  
9/3 1 Northampton CG - Bill Benner

### Variegated Fritillary

6/30 3 Tidmarsh Farms, Plymouth - MBC trip  
7/18 1 Northampton CG - Tom Gagnon  
7/18 1 Moran WMA, Windsor - Frank Model

8/18 1 Plum Island, Newbury - Matt Arey  
9/3 2 Northampton CG - Bill Benner  
9/17 1 Northampton CG - Frank Model  
10/1 1 Northampton CG - Tom Gagnon

### Great Spangled Fritillary

5/13 1 Natick - Glenn Long  
5/26 1 Winchendon - Garry Kessler  
6/8 1 Cross St., Millbury - Dolores Price & Wendy Miller  
6/10 1 E Longmeadow - Karen Parker  
6/10 3 Muddy Brook, Ware - Brian Klassanos  
6/14 2 Waseka Wildlife Sanc., Hopkinton - Dawn Puliafico  
6/14 1 Holliston - Richard Hildreth  
6/15 2 Graves Farm, Williamsburg - Bill Benner  
6/15 1 Field Farm, Williamstown - Pam Weatherbee  
6/17 6 Rt 169 PL, Charlton - Bob Bowker et al  
6/20 3 Tully Dam, Royalston - Steve Moore et al  
6/28 19 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
6/29 4 Graves Farm, Williamsburg - Bill Benner  
6/30 114 N Worcester NABA - Carl Kamp et al  
7/1 3 Northampton - Joshua Rose  
7/2 15 Aldrich Rec. Area, Northbridge - Bob Bowker & Lesley  
7/5 14 MBWMA, Newbury - Sharon & Joe Stichter  
7/7 26 N Essex NABA - Sharon Stichter et al  
7/8 5 Bart's Cobble, Sheffield - MBC trip  
7/8 2 E Bridgewater - Eddie Giles  
7/13 35 S Berkshire NABA - Rene Laubach et al  
7/14 13 Blackstone Valley NABA - Tom Dodd et al  
7/14 47 N Berkshire NABA - Tom Tynning et al  
7/21 13 C Berkshire NABA - Tom Tynning et al  
7/25 4 Williamstown - Pam Weatherbee  
7/25 1 Sheffield - Steve Moore et al  
8/5 2 Mary Cummings Park, Burlington - Lesley Stillwell &  
8/13 3 Savoy - Tom Gagnon  
8/17 2 Whately - Bill Benner  
8/19 9 Rt 169 PL, Charlton - Bob Bowker & Lesley Stillwell  
8/21 1 Easthampton - Bruce King  
8/23 2 Stichter Yard, Newbury - Joe Stichter  
8/25 6 MMP, Williamstown - Bo Zaremba  
8/31 2 Williamsburg - Carol Duke  
9/16 2 Rowley - Bo Zaremba  
9/16 6 Appleton Farms, Ipswich - Matt Arey  
9/23 1 Stearns CSA Farm, Framingham - Dawn Puliafico  
9/23 1 Northampton CG - MBC trip  
10/2 1 Muddy Brook, Ware - Brian Klassanos  
10/5 1 Weston Nurseries, Hopkinton - Dawn Puliafico

### Aphrodite Fritillary

6/15 1 Poutwater Pond WMA, Holden - Bruce deGraaf  
6/20 1 Windsor Dam, Ware - Steve Moore et al  
6/28 3 Royalston - Tom Gagnon et al  
6/30 6 N Worcester NABA - Carl Kamp et al  
7/14 7 N Berkshire NABA - Tom Tynning et al  
8/13 1 Savoy - Tom Gagnon  
8/30 1 Chesterfield - Tom Gagnon  
10/6 1 Newbury - Matt Arey

### Atlantis Fritillary

6/17 2 Windsor - Tom Gagnon  
7/10 8 Berkshire County - Tom Gagnon  
7/14 5 N Berkshire NABA - Tom Tynning et al  
7/21 3 C Berkshire NABA - Tom Tynning et al  
8/13 2 Savoy - Tom Gagnon

### Silver-bordered Fritillary

5/7 6 Hubbardston - Wendy Howes  
5/7 2 Tully Dam, Royalston - Carl Kamp  
5/12 10 Sheffield - Matt Arey  
5/16 1 S-C TTOR, N Andover - Russ Hopping  
5/18 20 Appleton Farms, Ipswich - Howard Hoople  
5/23 6 Morris Reservation, Newbury - Sharon Stichter  
5/27 6 Rough Meadows WS, Rowley - Sharon Stichter  
5/31 20 Appleton Farms, Ipswich - Howard Hoople  
6/30 1 Tidmarsh Farms, Plymouth - MBC trip  
7/6 3 Bullit TTOR, Ashfield - MBC trip  
7/7 8 C Franklin NABA - Mark Fairbrother et al  
7/7 14 N Essex NABA - Sharon Stichter et al  
7/10 4 Bay Farm, Duxbury - Bob Bowker & Lesley Stillwell

7/10 4 Berkshire County - Tom Gagnon  
 7/19 5 Windsor - Tom Gagnon  
 7/22 12 Northampton NABA - Mark Fairbrother et al  
 8/4 14 Appleton Farms, Ipswich - MBC trip  
 8/13 1 Savoy - Tom Gagnon  
 8/23 3 Royalston - Steve Moore  
 9/1 4 Muddy Brook, Ware - Brian Klassanos  
 9/26 1 Hubbardston - Wendy Howes  
 10/1 1 Bay Farm, Duxbury - Mark Faherty  
 10/6 5 Newbury - Matt Arey

**Meadow Fritillary**  
 4/23 1 Williamstown - Pam Weatherbee  
 4/26 7 Bullit TTOR, Ashfield - Greg Breed  
 4/30 2 Williamsburg - Tom Gagnon et al  
 5/12 12 Sheffield - Matt Arey  
 6/9 2 W Bridgewater - Don Adams  
 6/22 5 MBWMA, Newbury - Fred Bouchard  
 7/10 5 Bay Farm, Duxbury - Bob Bowker & Lesley Stillwell  
 7/13 7 S Berkshire NABA - Rene Laubach et al  
 7/26 2 Williamstown - Pam Weatherbee  
 8/25 1 MMP, Williamstown - Bo Zarembo  
 9/10 4 Williamstown - Pam Weatherbee  
 9/17 2 Williamstown - Pam Weatherbee

**Harris' Checkerspot**  
 5/28 7 N Andover - Howard Hoople  
 5/30 9 BMB WS, Worcester - Martha Gach  
 6/1 1 Petersham - Sue & Ron Cloutier  
 6/12 2 N Andover - Howard Hoople  
 6/23 3 Petersham - Tom Gagnon

**Pearl Crescent**  
 4/18 1 Fowl Meadows, Milton - Sam Jaffe  
 4/20 1 Florence - Tom Gagnon  
 4/20 1 Boston - Peter DeGennaro  
 4/28 4 Myles Standish State For. Carver - Matt Arey  
 4/28 1 Amherst - Joshua Rose  
 5/6 15 Wilder WR, Norton - Joe Dwelly  
 5/6 5 Dauphinais Park, Grafton - Dolores Price  
 5/11 6 Pilgrim Lake, Truro - Joe Dwelly  
 5/12 39 World's End, Hingham - Bob Bowker & Lesley Stillwell  
 5/14 12 MMP, Williamstown - Bo Zarembo  
 5/17 30 Milford PL - Bob Bowker & Lesley Stillwell  
 5/18 52 Moore SP, Paxton - Elise Barry  
 5/19 29 Chelmsford PL - Bob Bowker & Lesley Stillwell  
 5/24 25 Whately - Bill Benner  
 5/26 60 Crowe's, Dennis - Joe Dwelly  
 5/27 2 Williamstown - Pam Weatherbee  
 5/31 18 Raynham - Joe Dwelly & Randy Buckner  
 6/10 3 Winchendon - Carl Kamp  
 7/2 100 Cow Common CA, Wayland - Greg Dysart  
 7/7 48 C Franklin NABA - Mark Fairbrother et al  
 7/7 142 Truro NABA - Tor Hansen et al  
 7/9 11 Borden Colony, Raynham - Joe Dwelly  
 7/10 47 Bay Farm, Duxbury - Bob Bowker & Lesley Stillwell  
 7/13 124 S Berkshire NABA - Rene Laubach et al  
 7/14 97 Blackstone Valley NABA - Tom Dodd et al  
 7/14 85 N Berkshire NABA - Tom Tynning et al  
 7/14 80 Concord NABA - Dick Walton et al  
 7/21 247 C Berkshire NABA - Tom Tynning et al  
 7/21 119 Brewster NABA - Alison Robb et al  
 7/22 184 Northampton NABA - Mark Fairbrother et al  
 7/22 52 MV NABA - Matt Pelikan et al  
 7/22 51 Bristol NABA - Mark Mello et al  
 7/28 62 Barnstable NABA - Ian Ives et al  
 8/2 28 Nasketucket Bay Reserve, Mattapoisett - Gail Howe  
 8/13 12 Savoy - Tom Gagnon  
 8/17 20 Harwich - Larry Barry  
 8/19 23 Rt 169 PL, Charlton - Bob Bowker & Lesley Stillwell  
 8/19 40 Cuttyhunk Island - Mark Faherty  
 8/25 8 MMP, Williamstown - Bo Zarembo  
 9/1 25 Nasketucket Bay Reserve, Mattapoisett - Joe Dwelly  
 9/1 11 Muddy Brook, Ware - Brian Klassanos  
 9/2 3 Halibut Point SP, Rockport - Matt Arey  
 9/3 6 Northampton CG - Bill Benner

9/4 4 Dennis-Greenough Ponds, Yarmouth - Joe Dwelly  
 9/15 3 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 9/16 15 Fort Hill, Eastham - Steve Arena  
 9/23 7 Northampton CG - MBC trip  
 9/23 9 GMNWR, Concord - Dawn Puliafico  
 10/1 1 Arcadia WS, Easthampton - Tom Gagnon  
 10/6 5 Newbury - Matt Arey  
 10/11 1 AP, Dartmouth - Ron Hamburger  
 10/22 1 Nasketucket Bay Reserve, Mattapoisett - Joe Dwelly  
 11/4 1 Harwich Conservation Lands - Scott Baron

**Baltimore Checkerspot**

6/3 1 W Bridgewater - Don Adams  
 6/15 4 Graves Farm, Williamsburg - Bill Benner  
 6/19 5 N Andover - Howard Hoople  
 6/22 33 World's End, Hingham - Bob Bowker & Lesley Stillwell  
 6/24 843 World's End, Hingham - Bob Bowker et al  
 6/27 900 Marston Mills Airport - Joe Dwelly  
 6/29 5 Graves Farm, Williamsburg - Bill Benner  
 7/6 65 Bullit TTOR, Ashfield - MBC trip  
 7/7 28 N Essex NABA - Sharon Stichter et al  
 7/8 2 Bart's Cobble, Sheffield - MBC trip  
 7/14 56 N Berkshire NABA - Tom Tynning et al  
 7/21 18 C Berkshire NABA - Tom Tynning et al  
 7/22 2 Northampton NABA - Mark Fairbrother et al

**Question Mark**

3/18 1 Athol - Dave Small  
 4/13 2 Fowl Meadows, Milton - Sam Jaffe  
 4/14 3 GBH, Canton - Matt Arey  
 4/17 14 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 4/17 2 E Longmeadow - Karen Parker  
 4/17 1 Correllus State Forest, West Tusbury - Matt Pelikan  
 4/18 36 Fowl Meadows, Milton - Sam Jaffe  
 4/21 25 Pilgrim Heights, Truro - Blair Nikula  
 4/21 15 Appleton Farms, Ipswich - Matt Arey  
 4/29 28 World's End, Hingham - Mike Polana  
 4/30 6 MBWMA, Newbury - Sharon & Joe Stichter  
 5/5 6 Florence - Tom Gagnon  
 5/6 12 Sherborn PL - Bob Bowker & Lesley Stillwell  
 5/6 15 Wilder WR, Norton - Joe Dwelly  
 5/11 8 Pilgrim Lake, Truro - Joe Dwelly  
 5/12 49 World's End, Hingham - Bob Bowker & Lesley Stillwell  
 5/13 5 N Brookfield - Elise & Karl Barry  
 5/14 6 MMP, Williamstown - Bo Zarembo  
 5/14 35 Quabbin - Brian Cassie  
 5/20 4 Tower Hill, Boylston - Wendy Miller  
 5/20 4 Florence - Tom Gagnon  
 5/20 6 Hadley - Joshua Rose  
 6/1 4 Ipswich - Jim Berry  
 6/8 3 MBWMA, Newbury - Joe Stichter  
 6/11 3 Moore SP, Paxton - Elise Barry  
 6/15 4 Graves Farm, Williamsburg - Bill Benner  
 6/24 46 World's End, Hingham - Bob Bowker et al  
 6/28 9 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
 6/30 34 N Worcester NABA - Carl Kamp et al  
 7/2 10 Old Town Hill, Newbury - Matt Arey  
 7/13 20 S Berkshire NABA - Rene Laubach et al  
 7/14 23 N Berkshire NABA - Tom Tynning et al  
 7/22 4 MV NABA - Matt Pelikan et al  
 8/31 1 Athol - Dave Small  
 9/6 1 Framingham - Dawn Puliafico  
 9/16 1 Fort Hill, Eastham - Steve Arena  
 10/18 1 Cambridge - Sharon Stichter  
 10/25 1 Natick - Greg Dysart  
 11/4 1 Templeton - Wendy Howes  
 11/4 1 SBSR - Garry Kessler

**Eastern Comma**  
 3/11 1 Rocky Narrows, Sherborn - Bob Bowker  
 3/12 2 Florence - Tom Gagnon  
 3/13 2 Mt. Tom State Reservation, Easthampton - Tom Gagnon  
 3/14 1 BMB WS, Worcester - Dolores Price  
 3/14 1 Field Farm, Williamstown - Pam Weatherbee  
 3/14 2 New Salem - Ron & Sue Cloutier

3/18 7 Whately - Tom Gagnon  
 3/18 4 GBH, Canton - Sam & Linda Jaffe  
 3/22 1 Holliston - Richard Hildreth  
 4/4 2 E Bridgewater - Eddie Giles  
 4/16 1 Windsor - Tom Gagnon  
 5/6 1 Oak Hill Cem., NP - Bo Zarembo  
 5/12 42 World's End, Hingham - Bob Bowker & Lesley Stillwell  
 5/19 12 Chelmsford PL - Bob Bowker & Lesley Stillwell  
 5/29 1 North Adams, Mt. Greylock State Res. - Tom Gagnon  
 6/10 1 Rowden Yard, Leicester - Mark Rowden  
 6/22 7 World's End, Hingham - Bob Bowker & Lesley Stillwell  
 6/29 1 Graves Farm, Williamsburg - Bill Benner  
 7/13 11 S Berkshire NABA - Rene Laubach et al  
 7/21 9 C Berkshire NABA - Tom Tynning et al  
 7/22 1 E Longmeadow - Karen Parker  
 7/22 1 MV NABA - Matt Pelikan et al  
 8/4 4 Larkin RA, Northbridge - Bob Bowker  
 9/24 1 Muddy Brook, Ware - Brian Klassanos  
 10/6 1 Newbury - Matt Arey  
 10/18 1 Natick - Greg Dysart  
 11/3 1 Dunback Meadows, Lexington - Greg Dysart

### Green Comma

8/13 1 Savoy - Tom Gagnon

### Gray Comma

4/16 1 Windsor - Tom Gagnon  
 6/29 1 Graves Farm, Williamsburg - Bill Benner  
 7/10 3 Berkshire County - Tom Gagnon  
 7/14 3 N Berkshire NABA - Tom Tynning et al  
 7/19 4 Windsor - Tom Gagnon  
 7/25 2 Sheffield - Steve Moore et al  
 7/30 1 Sheffield - Garry Kessler  
 8/31 1 Hinsdale - Brian Cassie

### Compton Tortoiseshell

4/26 1 Bullit TTOR, Ashfield - Greg Breed  
 7/18 1 North Adams, Mt. Greylock State Res. - Frank Model  
 11/23 1 Boxford - Matthew Arey

### Mourning Cloak

2/22 1 Sherborn PL - Bob Bowker  
 3/8 2 Holliston - Richard Hildreth  
 3/12 1 Harvard Forest, Petersham - Elizabeth Crone  
 3/12 1 Oak Bluffs - Matt Pelikan  
 3/12 1 Royalston - Carl Kamp  
 3/12 1 Assabet River NWR, Stow - S. Moore & B. Volkle  
 3/13 4 Mt. Tom State Reservation, Easthampton - Tom Gagnon  
 3/14 6 New Salem - Ron & Sue Cloutier  
 3/18 3 GBH, Canton - Sam & Linda Jaffe  
 3/19 14 Mt. Tom State Reservation, Easthampton - Tom Gagnon  
 3/19 4 BMB WS, Worcester - Dawn Puliafico  
 3/19 2 Field Farm, Williamstown - Pam Weatherbee  
 3/20 5 Woburn, Mary Cummings Estate - Bob Bowker  
 3/22 4 Essex - Jim Berry  
 3/23 5 HPM, Woburn - Matt Arey  
 4/1 1 Newbury - Sharon & Joe Stichter  
 4/4 1 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 4/7 13 Goat's Peak, Holyoke - MBC trip  
 4/10 1 Byfield - Greg Dysart  
 4/13 10 Goat's Peak, Holyoke - Tom Gagnon  
 4/13 6 New Salem - Steve Moore et al  
 4/15 5 Mumford Forest, Natick - Bob Bowker & Lesley Stillwell  
 4/16 1 Savoy - Tom Gagnon  
 4/16 1 Winchendon - Carl Kamp  
 4/17 13 Holliston - Richard Hildreth  
 4/19 1 Whately - Bill Benner  
 4/20 1 Springfield - Joshua Rose  
 4/20 1 Crane WMA, Falmouth - Alison Robb & Joe Dwelly  
 4/23 1 Williamstown - Pam Weatherbee  
 4/25 1 Ipswich - Jim Berry  
 4/29 1 W Bridgewater - Don Adams  
 5/6 2 Oak Hill Cem., NP - Bo Zarembo  
 5/16 2 DWWS, Marshfield - Fred Bouchard  
 5/29 2 North Adams, Mt. Greylock State Res. - Tom Gagnon

6/16 1 Dunback Meadows, Lexington - Dawn Puliafico  
 6/30 4 N Worcester NABA - Carl Kamp et al  
 7/5 1 E Longmeadow - Karen Parker  
 7/13 4 S Berkshire NABA - Rene Laubach et al  
 7/21 3 Sherborn PL - Bob Bowker  
 8/5 6 Mary Cummings Park, Burlington - Lesley Stillwell &  
 9/3 2 Northampton CG - Bill Benner  
 9/10 1 White Horse Beach, Plymouth - Mark Faherty  
 9/15 1 Cuttyhunk Island - Brian Cassie  
 10/2 1 Vineyard Haven - Matt Pelikan  
 10/11 1 Sylvan Nursery, Dartmouth - Madeline Champagne  
 10/13 1 Pochet Island, Orleans - Wayne Petersen  
 10/21 1 Squibnocket, Chilmark - Allan Keith  
 10/26 1 Natick - Greg Dysart

### Milbert's Tortoiseshell

4/11 1 Muddy Brook, Ware - Brian Klassanos  
 5/27 1 Williamstown - Pam Weatherbee  
 5/27 1 Muddy Brook, Ware - Brian Klassanos  
 5/29 1 North Adams, Mt. Greylock State Res. - Tom Gagnon  
 6/4 1 Muddy Brook, Ware - Brian Klassanos  
 6/8 1 Whately - Bill Benner  
 6/11 2 Dunback Meadows, Lexington - Bob Bowker & Lesley

### American Lady

3/18 1 Boxford - Matt Arey  
 3/20 1 Woburn, Mary Cummings Estate - Bob Bowker  
 3/30 3 Holliston - Richard Hildreth  
 4/16 2 Savoy - Tom Gagnon  
 4/16 10 Falmouth - Kristin Steinmetz  
 4/17 85 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 4/17 13 Holliston - Richard Hildreth  
 4/19 10 Stichter Yard, Newbury - Sharon Stichter  
 4/20 18 Myles Standish State For. Carver - Steve Moore & Tom  
 4/21 12 Oak Bluffs - Matt Pelikan  
 4/21 6 Pilgrim Heights, Truro - Blair Nikula  
 4/30 4 Windsor - Tom Gagnon et al  
 4/30 29 Chelmsford PL - Lesley Stillwell & Bob Bowker  
 5/6 10 Wilder WR, Norton - Joe Dwelly  
 5/7 25 Tully Dam, Royalston - Carl Kamp  
 5/7 18 Dodd Residence, Upton - Tom & Cathy Dodd  
 5/10 18 Mount Holyoke, Hadley - Tom Gagnon  
 5/11 65 Pilgrim Lake, Truro - Joe Dwelly  
 5/12 231 World's End, Hingham - Bob Bowker & Lesley  
 5/14 130 Quabbin - Brian Cassie  
 5/19 50 Oak Hill Cem., NP - Bo Zarembo  
 5/19 61 Chelmsford PL - Bob Bowker & Lesley Stillwell  
 5/20 6 Florence - Tom Gagnon  
 5/20 4 Crane WMA, Falmouth - Joe Dwelly  
 5/27 2 Petersham - MBC trip  
 5/27 6 Rough Meadows WS, Rowley - Sharon Stichter  
 6/3 4 Dauphinais Park, Grafton - Dolores Price  
 6/3 2 North Adams, Mt. Greylock State Res. - MBC trip  
 6/24 6 W Tisbury - Matt Pelikan  
 6/28 7 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
 6/30 7 Tidmarsh Farms, Plymouth - MBC trip  
 7/2 15 Old Town Hill, Newbury - Matt Arey  
 7/7 3 GBH, Canton - Dawn Puliafico  
 7/7 30 Truro NABA - Tor Hansen et al  
 7/10 1 E Longmeadow - Karen Parker  
 7/14 22 Falmouth NABA - Alison Robb et al  
 7/21 2 Chilmark - Allan Keith  
 7/21 4 C Berkshire NABA - Tom Tynning et al  
 7/22 24 MV NABA - Matt Pelikan et al  
 8/26 3 North Adams, Mt. Greylock State Res. - Bo Zarembo  
 8/30 10 Sylvan Nursery, Dartmouth - S. Moore, B. Volkle, W.  
 9/2 5 Halibut Point SP, Rockport - Matt Arey  
 9/3 5 Northampton CG - Bill Benner  
 9/16 20 AP Field Station, Dartmouth - Lauren Miller-Donnelly  
 10/5 12 Stichter Yard, Newbury - Sharon and Joe Stichter  
 10/5 12 Nasketucket Bay Reserve, Mattapoisett - Joe Dwelly  
 10/5 10 Sylvan Nursery, Dartmouth - Frank Model  
 10/6 20 Newbury - Matt Arey  
 10/6 20 Fort Hill, Eastham - Steve Arena  
 10/22 1 Andover - Howard Hoople  
 11/10 2 Fairhaven - Mark Lynch

11/10 1 Salisbury - Bo Zarella  
 11/18 1 Fort Hill, Eastham - Erik Nielsen  
**Painted Lady**  
 4/28 1 Myles Standish State For. Carver - Matt Arey  
 5/6 3 W Bridgewater - Don Adams  
 5/6 1 Florence - Tom Gagnon  
 5/6 1 Edgartown - Matt Pelikan  
 5/7 1 Stichter Yard, Newbury - Sharon Stichter  
 5/12 34 World's End, Hingham - Bob Bowker & Lesley Stillwell  
 5/14 5 Quabbin - Brian Cassie  
 7/5 6 Oak Bluffs - Matt Pelikan  
 8/1 10 Mattapoisset - Bo Zarella  
 8/7 15 Northampton CG - Tom Gagnon  
 8/17 100 Wayland CG - Barbara Howell  
 8/17 25 Hubbardston - Wendy Howes  
 8/17 110 S Beach, Chatham - Blair Nikula  
 8/17 100 Haley Yard, Marblehead - Karen Haley  
 8/17 42 Whately - Bill Benner  
 8/17 25 Gloucester - Susan Hedman  
 8/17 95 Northampton CG - Tom Gagnon  
 8/17 35 Revere - L. Melvin  
 8/18 240 Old Town Hill, Newbury - Matt Arey  
 8/18 250 Nantucket - Eric LoPresti  
 8/19 75 Nasketucket Bay Reserve, Mattapoisset - MBC trip  
 8/19 248 Westport - Mark Lynch  
 8/20 80 Weston Nurseries, Hopkinton - Dawn Puliafico  
 8/20 120 Northampton CG - Tom Gagnon et al  
 8/20 100 Elm Bank, Dover - Greg Dysart  
 8/21 500 Northampton CG - Brian Cassie  
 8/21 100 Shrewsbury - Bruce deGraaf  
 8/22 300 Northampton CG - Steve Moore & Barbara Volkle  
 8/22 150 Gloucester - Rick Heil  
 8/23 100 IRWS, Topsfield - Joe Stichter  
 8/23 150 Stichter Yard, Newbury - Joe Stichter  
 8/25 75 Muddy Brook, Ware - Brian Klassanos  
 8/26 500 North Adams, Mt. Greylock State Res. - Bo Zarella  
 8/27 250 Sylvan Nursery, Dartmouth - Brian Cassie  
 8/30 300 Sylvan Nursery, Dartmouth - S. Moore, B. Volkle, W.  
 8/31 41 Whately - Bill Benner  
 9/1 200 Sylvan Nursery, Dartmouth - Frank Model  
 9/2 25 Halibut Point SP, Rockport - Matt Arey  
 9/3 2 Oak Bluffs - Matt Pelikan  
 9/3 85 Northampton CG - Bill Benner  
 9/8 155 Sylvan Nursery, Dartmouth - Lauren Miller-Donnelly  
 9/12 12 Heirloom Harvest CSA gardens, Westboro - Steve Arena  
 9/15 50 E Gloucester - Richard Heil  
 9/15 50 Cuttyhunk Island - Brian Cassie  
 9/16 15 AP Field Station, Dartmouth - Lauren Miller-Donnelly  
 9/24 3 Provincetown - Dave Norris  
 10/1 1 Oak Bluffs - Matt Pelikan  
 10/2 5 Stichter Yard, Newbury - Joe Stichter  
 10/6 15 Newbury - Matt Arey  
 10/6 60 Fort Hill, Eastham - Steve Arena  
 10/11 40 AP, Dartmouth - Madeline Champagne  
 10/15 5 Chappaquidic, Edgartown - Pam Weatherbee  
 10/16 11 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly  
 10/21 4 Tower Hill, Boylston - Dawn Puliafico  
 10/25 1 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 10/27 10 Fort Hill, Eastham - Brian Cassie  
 11/4 1 Tisbury - Brian Cassie  
 11/12 1 Windsor Dam, Ware - Mark Lynch

### Red Admiral

4/15 1 Old Town Hill, Newbury - Matt Arey  
 4/16 3 Savoy - Tom Gagnon  
 4/16 2 Springfield - Erin Haugh  
 4/17 25 Stichter Yard, Newbury - Sharon Stichter  
 4/17 20 Holliston - Richard Hildreth  
 4/17 120 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 4/17 1 Correllus State Forest, West Tisbury - Matt Pelikan  
 4/20 26 Webster - Peter DeGennaro  
 4/21 3 Pilgrim Heights, Truro - Blair Nikula  
 4/21 75 Millenium Park, Roxbury - David Bernstein  
 4/23 3 Williamstown - Pam Weatherbee

5/6 6 Oak Bluffs - Matt Pelikan  
 5/6 16 Dauphinais Park, Grafton - Dolores Price  
 5/7 137 Dodd Residence, Upton - Tom & Cathy Dodd  
 5/7 35 Tully Dam, Royalston - Carl Kamp  
 5/10 75 Muddy Brook - Bob Bowker  
 5/11 97 Spencer - Elise Barry  
 5/11 50 Pilgrim Lake, Truro - Joe Dwelly  
 5/12 913 World's End, Hingham - Bob Bowker & Lesley  
 5/12 100 Essex - Jim Berry  
 5/12 150 Weir Hill Res, N Andover - MBC trip  
 5/12 150 S Quabbin - Steve Moore  
 5/12 75 Muddy Brook, Ware - Brian Klassanos  
 5/13 178 N Brookfield - Elise & Karl Barry  
 5/13 400 Natick - Glenn Long  
 5/14 50 MMP, Williamstown - Bo Zarella  
 5/14 30 Springfield - T. J. Willard  
 5/14 300 Quabbin - Brian Cassie  
 5/17 23 Delaney WMA, Stow - Tom Murray  
 5/17 100 Millenium Park, Roxbury - Brian Cassie  
 6/24 23 World's End, Hingham - Bob Bowker et al  
 6/30 34 N Worcester NABA - Carl Kamp et al  
 7/5 2 Oak Bluffs - Matt Pelikan  
 7/7 44 Truro NABA - Tor Hansen et al  
 7/8 2 Bart's Cobble, Sheffield - MBC trip  
 9/2 5 Halibut Point SP, Rockport - Matt Arey  
 9/15 30 Cuttyhunk Island - Brian Cassie  
 10/5 200 Gooseberry Neck, Westport - Brian Cassie  
 10/5 300 Park School, Brookline - Brian Cassie  
 10/6 250 Saugus - Lorene Melvin  
 10/8 60 Gooseberry Neck, Westport - Brian Cassie  
 10/11 12 Sylvan Nursery, Dartmouth - Madeline Champagne  
 10/15 6 Chappaquidic, Edgartown - Pam Weatherbee  
 10/22 1 Andover - Howard Hoople  
 11/4 23 Acoaxet - Erik Nielsen  
 11/12 1 Athol - Dave Small  
 11/18 2 Fort Hill, Eastham - Erik Nielsen  
 11/23 1 Stichter Yard, Newbury - Sharon Stichter  
 12/3 1 Marion - Mike Maurer

### Common Buckeye

4/21 2 Middlesex Fells, Winchester - Matt Arey  
 5/17 4 Milford PL - Bob Bowker & Lesley Stillwell  
 5/19 9 Chelmsford PL - Bob Bowker & Lesley Stillwell  
 5/20 1 Boxford - Jim Berry  
 5/20 1 Sherborn PL - Bob Bowker & Lesley Stillwell  
 5/23 1 South End Pond, Millis - Brian Cassie  
 5/29 1 Dennis-Greenough Ponds, Yarmouth - Joe Dwelly  
 6/1 1 Lamson Rd, Foxborough - Madeline Champagne  
 6/16 1 Muddy Brook, Ware - Brian Klassanos  
 6/20 1 Tully Dam, Royalston - Steve Moore et al  
 6/24 1 Crowe's, Dennis - Joe Dwelly  
 6/30 1 N Worcester NABA - Carl Kamp et al  
 6/30 2 Eel River Headwaters Preserve, Plymouth - MBC trip  
 7/2 6 Old Town Hill, Newbury - Matt Arey  
 7/4 2 GBH, Canton - Garry Kessler  
 7/7 4 C Franklin NABA - Mark Fairbrother et al  
 7/13 2 S Berkshire NABA - Rene Laubach et al  
 7/21 4 N Worcester PL - Bob Bowker  
 7/22 4 MV NABA - Matt Pelikan et al  
 7/22 1 Easthampton - Bruce King  
 7/31 11 Stichter Yard, Newbury - Sharon Stichter  
 8/12 1 Whately - Bill Benner  
 8/13 1 Savoy - Tom Gagnon  
 8/22 1 Northampton CG - Steve Moore & Barbara Volkle  
 9/1 1 Northampton CG - Tom Gagnon  
 9/3 1 Sunderland - Mark Fairbrother  
 9/12 2 Heirloom Harvest CSA gardens, Westboro - Steve Arena  
 9/15 2 Cuttyhunk Island - Brian Cassie  
 9/15 1 Eastern Point, Gloucester - Dawn Puliafico  
 9/16 9 AP Field Station, Dartmouth - Lauren Miller-Donnelly  
 9/23 4 Northampton CG - MBC trip  
 10/5 2 Stichter Yard, Newbury - Sharon and Joe Stichter  
 10/6 5 Newbury - Matt Arey  
 10/17 2 SBSR - Tom Murray  
 10/22 3 Gooseberry Neck, Westport - Mark Lynch  
 11/3 1 Nantucket - Vern Laux

11/10 1 Fairhaven - Mark Lynch

### Red-spotted Admiral

5/25 1 Montague - Mark Fairbrother

5/31 1 Whately - Bill Benner

6/1 2 North Adams, Mt. Greylock State Res. - Greg Dysart

6/9 1 Appleton Farms, Ipswich - Howard Hoople

6/17 1 GITW, Framingham - Greg Dysart

7/14 10 Concord NABA - Dick Walton et al

7/18 1 North Adams, Mt. Greylock State Res. - Frank Model

7/25 7 Sheffield - Steve Moore et al

### White Admiral

6/10 3 Winchendon - Carl Kamp

6/17 4 Windsor - Tom Gagnon

7/18 4 North Adams, Mt. Greylock State Res. - Frank Model

8/13 9 Savoy - Tom Gagnon

8/20 1 Muddy Brook, Ware - Brian Klassanos

8/29 1 Amherst - Joshua Rose

### Red-spotted Purple

5/31 2 Ipswich - Jim Berry

6/3 1 North Adams, Mt. Greylock State Res. - MBC trip

6/9 1 Stichter Yard, Newbury - Joe & Sharon Stichter

6/15 1 Field Farm, Williamstown - Pam Weatherbee

6/17 11 Windsor - Tom Gagnon

6/23 1 Correllus State Forest, West Tisbury - Matt Pelikan

7/14 10 N Berkshire NABA - Tom Tynning et al

7/22 9 MV NABA - Matt Pelikan et al

8/2 1 Wenham - Matt Arey

8/13 28 Savoy - Tom Gagnon

8/19 3 Nantucket - Eric LoPresti

8/31 1 Williamsburg - Carol Duke

9/2 1 Halibut Point SP, Rockport - Matt Arey

9/23 2 Northampton CG - MBC trip

Viceroy

5/16 1 DWWS, Marshfield - Fred Bouchard

5/20 5 HPM, Woburn - Howard Hoople

5/26 7 Newbury - Jim Berry

5/31 6 Raynham - Joe Dwelley & Randy Buckner

6/8 10 MBWMA, Newbury - Joe Stichter

6/15 2 Field Farm, Williamstown - Pam Weatherbee

6/15 2 Graves Farm, Williamsburg - Bill Benner

6/24 2 World's End, Hingham - Bob Bowker et al

7/2 1 Old Town Hill, Newbury - Matt Arey

7/14 18 Blackstone Valley NABA - Tom Dodd et al

7/22 17 Northampton NABA - Mark Fairbrother et al

7/25 3 Sheffield - Steve Moore et al

8/4 9 Larkin RA, Northbridge - Bob Bowker

8/12 1 Sterling Peat - Gary Kessler

8/19 37 Rt 169 PL, Charlton - Bob Bowker & Lesley Stillwell

8/26 4 Ware - Brian Klassanos

9/3 6 Dauphinais Park, Grafton - Dolores Price

9/16 1 Squibnocket, Chilmark - Allan Keith

9/25 1 Muddy Brook, Ware - Brian Klassanos

9/25 1 Squibnocket, Chilmark - Allan Keith

10/5 1 Northampton CG - Tom Gagnon

10/6 1 Newbury - Matt Arey

### Hackberry Emperor

7/13 1 S Berkshire NABA - Rene Laubach et al

7/30 1 Sheffield - Garry Kessler

8/25 6 Forest Park, Springfield - MBC trip

### Tawny Emperor

7/8 2 Bart's Cobble, Sheffield - MBC trip

7/13 3 S Berkshire NABA - Rene Laubach et al

7/16 2 Northampton CG - Tom Gagnon

7/22 3 Northampton NABA - Mark Fairbrother et al

7/25 5 Sheffield - Steve Moore et al

8/2 3 Northampton CG - Tom Gagnon

8/7 1 Northampton CG - Tom Gagnon

### Northern Pearly-Eye

6/28 6 Norcross Wildlife Sanctuary, Wales - Elise Barry et al

6/29 1 Graves Farm, Williamsburg - Bill Benner

6/30 8 N Worcester NABA - Carl Kamp et al

7/8 1 Bart's Cobble, Sheffield - MBC trip

7/13 10 S Berkshire NABA - Rene Laubach et al

7/14 10 N Berkshire NABA - Tom Tynning et al

7/22 1 Whately - Bill Benner

7/30 1 Moore SP, Paxton - Elise Barry

### Eyed Brown

6/19 2 N Andover - Howard Hoople

7/7 11 N Essex NABA - Sharon Stichter et al

7/12 2 Berkshire County - Tom Gagnon et al

7/14 7 Blackstone Valley NABA - Tom Dodd et al

7/30 1 FS WMA, Longmeadow - Steve Moore & Barbara Volkle

8/26 1 CST, Northborough - Steve Moore

### Appalachian Brown

6/12 3 CST, Northborough - Steve Moore

6/16 2 Sherborn PL - Bob Bowker

6/28 1 Norcross Wildlife Sanctuary, Wales - Elise Barry et al

7/3 2 Florence - Tom Gagnon et al

7/7 11 C Franklin NABA - Mark Fairbrother et al

7/13 17 S Berkshire NABA - Rene Laubach et al

7/14 7 Blackstone Valley NABA - Tom Dodd et al

7/21 8 W Tisbury - Allan Keith

7/21 14 C Berkshire NABA - Tom Tynning et al

7/22 8 MV NABA - Matt Pelikan et al

8/13 4 Franklin - Eric LoPresti

8/25 1 FS WMA, Longmeadow - MBC trip

9/2 1 Northbridge - Bob Bowker & Lesley Stilwell

### Little Wood-Satyr

5/12 3 World's End, Hingham - Bob Bowker & Lesley Stillwell

5/14 1 MMP, Williamstown - Bo Zarembo

5/17 21 Hoft Farm, W Tisbury - Matt Pelikan

5/17 1 Marston Mills Airport - Joe Dwelley

5/20 35 Tower Hill, Boylston - Wendy Miller

5/20 25 HPM, Woburn - Howard Hoople

5/24 12 Little River Nature Trail, NP - Sharon Stichter

5/27 70 Lamson Rd, Foxborough - Madeline Champagne

5/27 200 Highland Farm, Belmont - Mark Rainey

5/28 50 Little River Nature Trail, NP - Bo Zarembo

6/1 31 Lamson Rd, Foxborough - Madeline Champagne

6/10 25 Winchendon - Carl Kamp

6/22 24 World's End, Hingham - Bob Bowker & Lesley Stillwell

6/23 14 E Longmeadow - Karen Parker

6/28 41 Norcross Wildlife Sanctuary, Wales - Elise Barry et al

6/29 16 Graves Farm, Williamsburg - Bill Benner

7/2 16 Aldrich Rec. Area, Northbridge - Bob Bowker & Lesley

7/5 11 E Longmeadow - Karen Parker

7/6 22 Sandwich Old Game Farm - Joe Dwelley

7/7 12 N Essex NABA - Sharon Stichter et al

7/7 8 Truro NABA - Tor Hansen et al

7/8 4 Bart's Cobble, Sheffield - MBC trip

7/9 50 Borden Colony, Raynham - Joe Dwelley

7/10 90 Bay Farm, Duxbury - Bob Bowker & Lesley Stillwell

7/14 39 Blackstone Valley NABA - Tom Dodd et al

7/14 15 Concord NABA - Dick Walton et al

7/22 2 MV NABA - Matt Pelikan et al

7/25 1 E Longmeadow - Karen Parker

8/5 7 Mary Cummings Park, Burlington - Lesley Stillwell &

### Common Ringlet

4/29 6 Ward Res, Andover - Howard Hoople

5/12 198 World's End, Hingham - Bob Bowker & Lesley

5/14 1 MMP, Williamstown - Bo Zarembo

5/16 4 DWWS, Marshfield - Fred Bouchard

5/17 30 Ward Res, Andover - Russ Hopping

5/19 127 Chelmsford PL - Bob Bowker & Lesley Stillwell

5/20 25 Lamson Rd, Foxborough - Madeline Champagne

5/20 36 Sweet Alice CA, Amherst - Joshua Rose & Harvey Allen

5/23 800 South End Pond, Millis - Brian Cassie

5/26 24 Lamson Rd, Foxborough - Madeline Champagne

5/27 20 Petersham - MBC trip

5/29 5 North Adams, Mt. Greylock State Res. - Tom Gagnon

5/31 30 Appleton Farms, Ipswich - Howard Hoople

6/3 7 North Adams, Mt. Greylock State Res. - MBC trip

6/4 20 Muddy Brook, Ware - Brian Klassanos

6/9 400 Moore SP, Paxton - Elise Barry

6/10 15 Winchendon - Carl Kamp

6/15 3 Field Farm, Williamstown - Pam Weatherbee  
 7/21 190 C Berkshire NABA - Tom Tynning et al  
 7/22 219 Northampton NABA - Mark Fairbrother et al  
 7/22 1 MV NABA - Matt Pelikan et al  
 7/28 215 Barnstable NABA - Ian Ives et al  
 8/5 9 Mary Cummings Park, Burlington - Lesley Stillwell &  
 8/8 4 Bill Rice Athletic Fields, Wrentham - Eric LoPresti  
 8/13 4 Savoy - Tom Gagnon  
 8/18 100 WMWS, Princeton - Dawn Puliafico  
 8/25 12 MMP, Williamstown - Bo Zaremba  
 9/12 15 Heirloom Harvest CSA gardens, Westboro - Steve  
 Arena  
 9/16 3 Fort Hill, Eastham - Steve Arena  
 9/24 1 Muddy Brook, Ware - Brian Klassanos  
 10/6 2 Newbury - Matt Arey  
 10/18 1 Ipswich - Jim Berry

### Common Wood-Nymph

6/22 2 MBWMA, Newbury - Fred Bouchard  
 6/27 1 Marston Mills Airport - Joe Dwelly  
 7/2 1 W Tisbury - Allan Keith  
 7/6 21 Bullit TTOR, Ashfield - MBC trip  
 7/7 22 Truro NABA - Tor Hansen et al  
 7/7 30 N Essex NABA - Sharon Stichter et al  
 7/9 4 Sherborn PL - Bob Bowker  
 7/13 594 S Berkshire NABA - Rene Laubach et al  
 7/14 689 N Berkshire NABA - Tom Tynning et al  
 7/14 268 Blackstone Valley NABA - Tom Dodd et al  
 7/21 105 C Berkshire NABA - Tom Tynning et al  
 7/22 90 Leicester - MBC trip  
 7/22 56 MV NABA - Matt Pelikan et al  
 7/22 144 Northampton NABA - Mark Fairbrother et al  
 7/28 21 Barnstable NABA - Ian Ives et al  
 7/30 1 Bart's Cobble, Sheffield - Garry Kessler  
 8/5 31 Mary Cummings Park, Burlington - Lesley Stillwell &  
 8/6 2 Nantucket - Bo Zaremba  
 8/8 9 Borden Colony, Raynham - Joe Dwelly  
 8/18 20 WMWS, Princeton - Dawn Puliafico  
 8/19 12 Cuttyhunk Island - Mark Faherty  
 8/19 21 Rt 169 PL, Charlton - Bob Bowker & Lesley Stillwell  
 8/25 4 MMP, Williamstown - Bo Zaremba  
 8/26 7 Muddy Brook, Ware - Brian Klassanos  
 8/31 1 Williamsburg - Carol Duke  
 9/2 6 Northbridge - Bob Bowker & Lesley Stilwell  
 9/14 1 Moore SP, Paxton - Elise & Karl Barry  
 9/17 2 Muddy Brook, Ware - Brian Klassanos

### Monarch

4/21 1 Appleton Farms, Ipswich - Matt Arey  
 5/7 1 E Longmeadow - Karen Parker  
 5/10 1 AP Field Station, Dartmouth - Lauren Miller-Donnelly  
 5/13 1 Bolton Flats, Lancaster - Steve Moore  
 6/30 141 N Worcester NABA - Carl Kamp et al  
 7/2 24 Aldrich Rec. Area, Northbridge - Bob Bowker & Lesley  
 7/6 11 Sandwich Old Game Farm - Joe Dwelly  
 7/7 87 Truro NABA - Tor Hansen et al  
 7/7 61 C Franklin NABA - Mark Fairbrother et al  
 7/7 40 N Essex NABA - Sharon Stichter et al  
 7/10 48 Bay Farm, Duxbury - Bob Bowker & Lesley Stillwell  
 7/13 102 S Berkshire NABA - Rene Laubach et al  
 7/14 36 Blackstone Valley NABA - Tom Dodd et al  
 7/14 91 N Berkshire NABA - Tom Tynning et al  
 7/21 33 Chilmark - Allan Keith  
 7/22 184 MV NABA - Matt Pelikan et al  
 7/22 112 Northampton NABA - Mark Fairbrother et al  
 7/25 3 Williamstown - Pam Weatherbee  
 8/2 20 Farm Pond, Framingham - Dawn Puliafico  
 8/5 16 Mary Cummings Park, Burlington - Lesley Stillwell &  
 8/6 10 Nantucket - Bo Zaremba  
 8/8 36 Borden Colony, Raynham - Joe Dwelly  
 8/13 21 Savoy - Tom Gagnon  
 8/18 150 WMWS, Princeton - Dawn Puliafico  
 8/19 114 Westport - Mark Lynch  
 8/22 35 Northampton CG - Steve Moore & Barbara Volkle  
 8/25 10 FS WMA, Longmeadow - MBC trip  
 8/26 24 North Adams, Mt. Greylock State Res. - Bo Zaremba  
 8/30 15 AP, Dartmouth - S. Moore, B. Volkle, W. Miller

9/2 301 Northampton - Tom Gagnon  
 9/3 55 Northampton CG - Bill Benner  
 9/3 2 Oak Bluffs - Matt Pelikan  
 9/7 25 Northampton CG - Ron & Sue Cloutier  
 9/12 6 Brighton - Peter DeGennaro  
 9/14 188 Moore SP, Paxton - Elise & Karl Barry  
 9/15 200 Eastern Point, Gloucester - Dawn Puliafico  
 9/16 163 AP Field Station, Dartmouth - Lauren Miller-Don-  
 nelly  
 9/16 180 Plum Island, Newbury - Brian Cassie  
 9/16 100 Fort Hill, Eastham - Steve Arena  
 9/21 12 Easthampton - Bruce King  
 9/23 15 Northampton CG - MBC trip  
 9/25 50 Eastern Point, Gloucester - Susan Hedman  
 10/2 18 Stichter Yard, Newbury - Joe Stichter  
 10/2 11 Lakeville - Robin Gross  
 10/5 200 Gooseberry Neck, Westport - Brian Cassie  
 10/6 100 Newbury - Matt Arey  
 10/6 14 Concord - Steve Moore, Barbara Volkle  
 10/8 150 Gooseberry Neck, Westport - Brian Cassie  
 10/11 58 Gooseberry Neck, Westport - Madeline Champagne  
 10/13 25 Pochet Island, Orleans - Wayne Petersen  
 11/1 1 Harwich Conservation Lands - Scott Baron  
 11/10 1 Salisbury - Bo Zaremba  
 11/10 3 Fairhaven - Mark Lynch

### Silver-spotted Skipper

4/21 1 Middlesex Fells, Winchester - Matt Arey  
 5/17 1 Milford PL - Bob Bowker & Lesley Stillwell  
 5/25 1 Holyoke - MBC trip  
 5/27 1 Petersham - MBC trip  
 6/7 1 Sherborn PL - Bob Bowker  
 6/17 3 Rt 169 PL, Charlton - Bob Bowker et al  
 6/20 3 Windsor Dam, Ware - Steve Moore et al  
 6/24 10 W Tisbury - Matt Pelikan  
 6/28 11 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
 6/30 40 N Worcester NABA - Carl Kamp et al  
 7/2 13 Aldrich Rec. Area, Northbridge - Bob Bowker & Lesley  
 7/7 22 Truro NABA - Tor Hansen et al  
 7/7 81 C Franklin NABA - Mark Fairbrother et al  
 7/8 13 Bart's Cobble, Sheffield - MBC trip  
 7/13 20 S Berkshire NABA - Rene Laubach et al  
 7/14 33 N Berkshire NABA - Tom Tynning et al  
 7/14 18 Concord NABA - Dick Walton et al  
 7/14 14 Blackstone Valley NABA - Tom Dodd et al  
 8/12 19 Florence - Tom Gagnon  
 8/17 4 Whately - Bill Benner  
 8/22 2 Gloucester - Rick Heil  
 8/24 1 Westwood - Erik Nielsen  
 9/17 1 Northampton CG - Frank Model  
 10/6 1 Newbury - Matt Arey

### Long-tailed Skipper

8/14 1 Winthrop - Rosemary Mosco  
 8/17 1 North Truro - Tor Hansen  
 8/19 1 Northampton CG - Frank Model  
 8/22 1 Gloucester - Rick Heil  
 8/24 1 Westwood - Erik Nielsen  
 8/30 1 Hubbardston - Wendy Howes  
 9/3 1 White Horse Beach, Plymouth - Mark Faherty  
 9/13 1 Newbury - dorothy saffarewicz  
 9/13 1 Northampton CG - Tom Gagnon  
 9/14 1 Maynard - Linda Nachtrab  
 9/16 1 Eastham - Dave Norris  
 9/19 1 Pembroke - Don Salvatore  
 10/5 3 Sylvan Nursery, Dartmouth - Frank Model  
 10/5 1 Fort Hill, Eastham - Mark Faherty  
 10/5 1 Westport - Lauren Miller-Donnelly  
 10/6 2 Orleans - Dave Norris  
 10/25 1 Wellfleet Bay Ws, Wellfleet - Mark Faherty

### Hoary Edge

4/28 20 Myles Standish State For. Carver - Matt Arey  
 6/8 2 BMB WS, Worcester - Steve Moore & Barbara Volkle  
 6/10 1 Worcester - Ron & Sue Cloutier  
 6/17 2 BMB WS, Worcester - Dawn Puliafico  
 7/2 1 HPM, Woburn - Matt Arey

7/7 2 C Franklin NABA - Mark Fairbrother et al

### **Southern Cloudywing**

5/20 1 Crane WMA, Falmouth - Joe Dwelly

6/1 1 Dauphinais Park, Grafton - Steve Moore

6/10 1 MBWMA, Newbury - Joe & Sharon Stichter

6/17 1 Princeton - Garry Kessler

6/30 4 N Worcester NABA - Carl Kamp et al

7/2 2 HPM, Woburn - Matt Arey

7/7 1 C Franklin NABA - Mark Fairbrother et al

7/10 1 HPM, Woburn - Greg Dysart

7/14 1 Blackstone Valley NABA - Tom Dodd et al

### **Northern Cloudywing**

4/15 1 E Longmeadow - Karen Parker

5/6 2 Sherborn PL - Bob Bowker & Lesley Stillwell

5/12 7 World's End, Hingham - Bob Bowker & Lesley Stillwell

5/12 1 Sheffield - Matt Arey

6/3 6 Dauphinais Park, Grafton - Dolores Price

6/9 16 Dauphinais Park, Grafton - MBC trip

6/10 4 Muddy Brook, Ware - Brian Klassanos

6/30 1 Muddy Brook, Ware - Brian Klassanos

7/7 1 C Franklin NABA - Mark Fairbrother et al

### **Dreamy Duskywing**

4/20 2 Myles Standish State For. Carver - Steve Moore & Tom

4/29 1 Acton - Tom Whelan

4/30 2 MBWMA, Newbury - Sharon & Joe Stichter

5/6 7 Dauphinais Park, Grafton - Dolores Price

5/18 4 Great Meadows, Lexington - Matt Pelikan

5/27 7 MBWMA, Newbury - Sharon & Joe Stichter

5/27 1 Royalston - Mark Lynch & Sheila Carroll

6/1 1 BMB WS, Worcester - Bruce deGraaf

6/9 4 Dauphinais Park, Grafton - MBC trip

6/10 1 Winchendon - Carl Kamp

### **Sleepy Duskywing**

4/14 2 Correllus State Forest, West Tusbury - Matt Pelikan

4/14 2 Myles Standish State For. Carver - Matt Arey

4/17 5 Correllus State Forest, West Tusbury - Matt Pelikan

4/28 20 Myles Standish State For. Carver - Matt Arey

5/6 1 Weir Hill Res, N Andover - Russ Hopping

5/7 1 Oak St. PL, Shrewsbury - Steve Moore

5/17 2 Delaney WMA, Stow - Tom Murray

6/1 1 Dauphinais Park, Grafton - Steve Moore

6/8 1 BMB WS, Worcester - Steve Moore & Barbara Volkle

### **Juvenal's Duskywing**

4/11 1 Muddy Brook, Ware - Brian Klassanos

4/12 1 Sunderland - Ron & Sue Cloutier

4/14 10 Correllus State Forest, West Tusbury - Matt Pelikan

4/14 5 Dauphinais Park, Grafton - Dolores Price

4/15 5 Old Town Hill, Newbury - Matt Arey

4/17 3 Milford PL - Bob Bowker

4/18 24 Fowl Meadows, Milton - Sam Jaffe

4/20 27 Sherborn PL - Bob Bowker

4/20 7 Crane WMA, Falmouth - Alison Robb & Joe Dwelly

4/20 12 HPM, Woburn - Bruce deGraaf

4/20 1 Whately - Bill Benner

4/21 20 Middlesex Fells, Winchester - Matt Arey

4/27 6 MSSF, Plymouth - Joe Dwelly

4/29 9 Dennis-Greenough Ponds, Yarmouth - Joe Dwelly

4/30 16 Chelmsford PL - Lesley Stillwell & Bob Bowker

5/6 39 Sherborn PL - Bob Bowker & Lesley Stillwell

5/6 5 Dauphinais Park, Grafton - Dolores Price

5/7 14 MBWMA, Newbury - Bo Zarembo

5/11 7 Pilgrim Lake, Truro - Joe Dwelly

5/12 6 Waskosim's Rock, Chilmark - Allan Keith

5/12 15 Royalston - Carl Kamp

5/14 1 MMP, Williamstown - Bo Zarembo

5/17 4 Delaney WMA, Stow - Tom Murray

5/18 10 Lamson Rd, Foxborough - Madeline Champagne

5/20 8 Crane WMA, Falmouth - Joe Dwelly

5/23 1 E Longmeadow - Karen Parker

5/27 15 Petersham - MBC trip

5/29 1 North Adams, Mt. Greylock State Res. - Tom Gagnon

5/29 4 Dennis-Greenough Ponds, Yarmouth - Joe Dwelly

5/31 3 Raynham - Joe Dwelly & Randy Buckner

6/3 1 Dauphinais Park, Grafton - Dolores Price

6/8 5 BMB WS, Worcester - Steve Moore & Barbara Volkle

6/9 1 WMWS, Princeton - Carl Kamp

6/10 2 MBWMA, Newbury - Joe & Sharon Stichter

6/29 1 Graves Farm, Williamsburg - Bill Benner

### **Horace's Duskywing**

4/26 1 Lamson Rd, Foxborough - Madeline Champagne

5/6 3 Sherborn PL - Bob Bowker & Lesley Stillwell

5/12 1 World's End, Hingham - Bob Bowker & Lesley Stillwell

5/18 1 Great Meadows, Lexington - Matt Pelikan

5/19 1 Chelmsford PL - Bob Bowker & Lesley Stillwell

5/19 1 Edgartown - Matt Pelikan

5/19 1 Delaney WMA, Stow - MBC trip

7/2 5 HPM, Woburn - Matt Arey

7/7 12 GBH, Canton - Dawn Puliafico

7/14 6 Concord NABA - Dick Walton et al

7/21 18 Sherborn PL - Bob Bowker

7/22 1 Northampton NABA - Mark Fairbrother et al

7/22 19 Bristol NABA - Mark Mello et al

8/4 13 Larkin RA, Northbridge - Bob Bowker

8/13 2 Franklin - Eric LoPresti

8/19 1 Nasketucket Bay Reserve, Mattapoisett - MBC trip

8/30 1 AP, Dartmouth - S. Moore, B. Volkle, W. Miller

9/2 1 Halibut Point SP, Rockport - Matt Arey

### **Wild Indigo Duskywing**

4/21 2 Middlesex Fells, Winchester - Matt Arey

4/28 4 Myles Standish State For. Carver - Matt Arey

5/6 2 Sherborn PL - Bob Bowker & Lesley Stillwell

5/12 1 Lamson Rd, Foxborough - Madeline Champagne

5/17 10 Delaney WMA, Stow - Tom Murray

5/20 10 Sherborn PL - Bob Bowker & Lesley Stillwell

5/20 1 Florence - Tom Gagnon

5/26 11 Lamson Rd, Foxborough - Madeline Champagne

5/31 1 Oak Bluffs - Matt Pelikan

7/9 1 Borden Colony, Raynham - Joe Dwelly

7/14 20 Blackstone Valley NABA - Tom Dodd et al

7/22 15 Bristol NABA - Mark Mello et al

7/28 10 GBH, Canton - Dawn Puliafico

9/3 7 Northampton CG - Bill Benner

9/8 2 Muddy Brook, Ware - Brian Klassanos

9/17 5 Woburn, Mary Cummings Estate - Bob Bowker & Lesley

10/1 1 Northampton CG - Tom Gagnon

10/6 1 Met State, Waltham - Jason Forbes

### **Common Checkered-Skipper**

8/20 2 Northampton CG - Tom Gagnon et al

9/7 1 Northampton CG - Ron & Sue Cloutier

9/17 1 Northampton CG - Frank Model

9/23 7 Northampton CG - MBC trip

10/1 5 Arcadia WS, Easthampton - Tom Gagnon

### **Common Sootywing**

5/12 3 World's End, Hingham - Bob Bowker & Lesley Stillwell

5/19 3 Delaney WMA, Stow - MBC trip

5/31 3 Raynham - Joe Dwelly & Randy Buckner

7/8 1 Bart's Cobble, Sheffield - MBC trip

7/14 10 Blackstone Valley NABA - Tom Dodd et al

7/22 26 Northampton NABA - Mark Fairbrother et al

8/21 30 Northampton CG - Brian Cassie

9/3 8 Northampton CG - Bill Benner

9/12 3 Heirloom Harvest CSA gardens, Westboro - Steve Arena

### **Arctic Skipper**

5/23 1 Old County Rd, Ashburnham - Greg Dysart

5/26 3 Ashburnham - Garry Kessler

5/26 1 Winchendon - Garry Kessler

5/27 1 Royalston - Mark Lynch & Sheila Carroll

6/3 2 Moran WMA, Windsor - MBC trip

6/9 1 Royalston - Carl Kamp

6/10 1 Winchendon - Carl Kamp

### **Least Skipper**

5/26 1 Muddy Brook, Ware - Brian Klassanos

5/27 2 Petersham - MBC trip

5/31 5 Raynham - Joe Dwelly & Randy Buckner

6/1 1 Whately - Bill Benner

6/9 3 WWWS, Princeton - Carl Kamp

6/11 122 Dunback Meadows, Lexington - Bob Bowker &

6/12 50 Dunback Meadows, Lexington - Steve Moore  
 6/23 1 Correllus State Forest, West Tusbury - Matt Pelikan  
 6/30 5 Tidmarsh Farms, Plymouth - MBC trip  
 7/7 6 N Essex NABA - Sharon Stichter et al  
 7/22 51 Northampton NABA - Mark Fairbrother et al  
 7/22 8 MV NABA - Matt Pelikan et al  
 7/25 3 Sheffield - Steve Moore et al  
 7/28 10 FS WMA, Longmeadow - Tom Gagnon  
 8/4 21 Appleton Farms, Ipswich - MBC trip  
 8/8 15 Borden Colony, Raynham - Joe Dwelly  
 8/8 2 Fresh Pond, Cambridge - Joe & Sharon Stichter  
 8/13 4 Savoy - Tom Gagnon  
 8/19 13 Cuttyhunk Island - Mark Faherty  
 8/19 1 Nantucket - Eric LoPresti  
 8/25 40 FS WMA, Longmeadow - MBC trip  
 8/26 1 Ware - Brian Klassanos  
 9/3 15 Northampton CG - Bill Benner  
 9/16 10 Fort Hill, Eastham - Steve Arena  
 9/23 7 Northampton CG - MBC trip  
 9/24 2 White Horse Beach, Plymouth - Mark Faherty  
 10/1 3 Yarmouth - Joe Dwelly  
 10/11 1 AP, Dartmouth - Ron Hamburger

### European Skipper

5/11 11 Millenium Park, Roxbury - Bob Bowker  
 5/28 10 Maudslay SP, NP - Bo Zaremba  
 5/31 1 Westborough WMA - Wendy Miller  
 6/8 2 Cross St., Millbury - Dolores Price & Wendy Miller  
 6/9 300 Moore SP, Paxton - Elise Barry  
 6/10 1 Winchendon - Carl Kamp  
 6/15 450 Graves Farm, Williamsburg - Bill Benner  
 6/20 40 GBH, Canton - Greg Dysart  
 6/24 40 W Tisbury - Matt Pelikan  
 6/29 105 Graves Farm, Williamsburg - Bill Benner  
 6/30 99 N Worcester NABA - Carl Kamp et al  
 7/6 40 Bullit TTOR, Ashfield - MBC trip  
 7/8 2 Old Town Hill, Newbury - Bo Zaremba  
 7/12 25 Berkshire County - Tom Gagnon et al  
 7/14 12 N Berkshire NABA - Tom Tynning et al

### Fiery Skipper

6/30 1 Eel River Headwaters Preserve, Plymouth - MBC trip  
 7/31 1 Northampton CG - Tom Gagnon  
 8/4 1 Northampton CG - Tom Gagnon  
 8/8 1 Southborough - Dawn Puliafico  
 8/12 1 Muddy Brook, Ware - Brian Klassanos  
 8/12 1 Hyde Park - Brian Faherty  
 8/13 1 Nasketucket Bay Reserve, Mattapoisett - Elise Barry &  
 8/13 2 Beverly - Karen Haley  
 8/13 2 Sylvan Nursery, Dartmouth - Frank Model  
 8/14 2 Tidmarsh Farms, Plymouth - Mark Faherty  
 8/17 1 Marion - Howard Hoople  
 8/17 3 Haley Yard, Marblehead - Karen Haley  
 8/17 1 Lexington - Jason Forbes  
 8/18 6 Northampton CG - Tom Gagnon  
 8/18 1 Plum Island, Newbury - Matt Arey  
 8/18 6 Old Town Hill, Newbury - Matt Arey  
 8/19 1 Rt 169 PL., Charlton - Bob Bowker & Lesley Stillwell  
 8/20 2 Elm Bank, Dover - Greg Dysart  
 8/21 1 Paxton - Elise & Karl Barry  
 8/21 2 Framingham - Dawn Puliafico  
 8/22 5 Gloucester - Rick Heil  
 8/24 1 Westwood - Erik Nielsen  
 8/30 4 Sylvan Nursery, Dartmouth - S. Moore, B. Volkle, W.  
 8/31 15 DWWS, Marshfield - David Ludlow  
 8/31 3 Wellesley - Dawn Puliafico  
 9/2 1 Sterling Peat - Garry Kessler  
 9/12 2 IRWS, Topsfield - Mark Faherty  
 9/12 1 Champagne yard, Foxborough - Madeline Champagne  
 9/12 1 Brighton - Peter DeGennaro  
 9/12 5 NAC, Concord - Greg Dysart  
 9/13 12 Dover - Bob Bowker & Lesley Stillwell  
 9/13 2 Norwood - Brian Cassie  
 9/13 1 Newton - Brian Cassie  
 9/15 1 Roslindale, Boston - Paula Chasan  
 9/17 1 Northampton CG - Frank Model  
 9/20 5 Westborough - Steve Arena

9/24 25 White Horse Beach, Plymouth - Mark Faherty  
 9/25 14 Dover - Bob Bowker  
 9/27 1 Rockport - Jim Berry  
 9/29 5 S-C TTOR, N Andover - Russ Hopping  
 10/2 2 Hopkinton - Dawn Puliafico  
 10/2 1 Rowley - Bo Zaremba  
 10/5 3 Westport - Lauren Miller-Donnelly  
 10/5 4 Stichter Yard, Newbury - Sharon and Joe Stichter  
 10/5 5 Borden Colony, Raynham - Joe Dwelly  
 10/6 3 Northampton CG - Tom Gagnon  
 10/6 8 Sylvan Nursery, Dartmouth - Lauren Miller-Donnelly  
 10/15 4 Brighton - Peter DeGennaro  
 10/17 1 SBSR - Tom Murray  
 10/18 1 Sterling Peat - Bruce deGraaf  
 10/22 1 Andover - Howard Hoople  
 10/25 2 Park School, Brookline - Brian Cassie

### Leonard's Skipper

8/19 5 Rt 169 PL., Charlton - Bob Bowker & Lesley Stillwell  
 8/19 1 Nantucket - Eric LoPresti  
 8/22 5 Gloucester - Rick Heil  
 8/31 23 Halibut Point SP, Rockport - Bob Bowker & Lesley  
 9/1 1 Athol - Tom Gagnon  
 9/2 35 Halibut Point SP, Rockport - Matt Arey  
 9/7 8 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
 9/16 1 Eastham - Dave Norris

### Cobweb Skipper

4/28 7 Myles Standish State For. Carver - Matt Arey  
 5/6 1 Edgartown - Matt Pelikan  
 5/6 1 Florence - Tom Gagnon  
 5/12 5 Pump House, Athol - Mark Rainey  
 5/20 1 Florence - Tom Gagnon

### Indian Skipper

5/17 5 Ward Res, Andover - Russ Hopping  
 5/19 9 Chelmsford PL - Bob Bowker & Lesley Stillwell  
 5/19 1 W Tisbury - Matt Pelikan  
 5/20 84 Florence - Tom Gagnon  
 5/27 4 Petersham - MBC trip  
 5/27 8 MBWMA, Newbury - Sharon & Joe Stichter  
 6/3 1 Dauphinais Park, Grafton - Dolores Price

### Peck's Skipper

4/30 1 Chelmsford PL - Lesley Stillwell & Bob Bowker  
 5/7 1 Dodd Residence, Upton - Tom & Cathy Dodd  
 5/12 1 E Longmeadow - Karen Parker  
 5/12 3 World's End, Hingham - Bob Bowker & Lesley Stillwell  
 5/17 2 Stichter Yard, Newbury - Sharon Stichter  
 5/19 27 Chelmsford PL - Bob Bowker & Lesley Stillwell  
 5/19 5 W Tisbury - Matt Pelikan  
 5/20 5 Bare Meadow Cons. Area, Reading - Ron Hamburger  
 5/20 1 Florence - Tom Gagnon  
 5/24 5 Sandwich Old Game Farm - Joe Dwelly  
 5/27 5 E Longmeadow - Karen Parker  
 5/31 20 Raynham - Joe Dwelly & Randy Buckner  
 5/31 10 Stichter Yard, Newbury - Sharon Stichter  
 6/3 11 Dauphinais Park, Grafton - Dolores Price & Wendy Miller  
 6/8 28 Butler Farm, Millbury - Dolores Price & Wendy Miller  
 6/15 11 Woburn, Mary Cummings Estate - Bob Bowker &  
 7/6 47 Bullit TTOR, Ashfield - MBC trip  
 7/12 100 Berkshire County - Tom Gagnon et al  
 7/14 50 N Berkshire NABA - Tom Tynning et al  
 7/21 193 C Berkshire NABA - Tom Tynning et al  
 7/22 56 Northampton NABA - Mark Fairbrother et al  
 7/25 1 Williamstown - Pam Weatherbee  
 7/28 11 Barnstable NABA - Ian Ives et al  
 8/6 1 Nantucket - Bo Zaremba  
 8/6 14 Sudbury - Greg Dysart  
 8/13 15 Nasketucket Bay Reserve, Mattapoisett - Wendy Miller  
 8/18 10 Old Town Hill, Newbury - Matt Arey  
 8/22 6 Gloucester - Rick Heil  
 8/26 6 Muddy Brook, Ware - Brian Klassanos  
 8/27 4 Athol - Dave Small  
 9/7 4 Oak Grove Farm, Millis - Madeline Champagne  
 9/13 18 Dover - Bob Bowker & Lesley Stillwell  
 9/17 6 White Horse Beach, Plymouth - Mark Faherty  
 9/22 2 E Longmeadow - Karen Parker

9/24 6 White Horse Beach, Plymouth - Mark Faherty  
10/6 2 Newbury - Matt Arey  
10/18 1 Dover - Bob Bowker & Lesley Stillwell

#### **Tawny-edged Skipper**

5/7 1 Dodd Residence, Upton - Tom & Cathy Dodd  
5/12 1 Plymouth - Mark Faherty  
5/17 1 Milford PL - Bob Bowker & Lesley Stillwell  
5/17 1 E Longmeadow - Karen Parker  
5/19 9 Chelmsford PL - Bob Bowker & Lesley Stillwell  
5/19 1 Oak Bluffs - Matt Pelikan  
5/20 10 Florence - Tom Gagnon  
5/24 3 Little River Nature Trail, NP - Sharon Stichter  
5/31 2 Westborough WMA - Wendy Miller  
6/9 6 Dauphinais Park, Grafton - MBC trip  
6/17 1 Rt 169 PL, Charlton - Bob Bowker et al  
7/1 1 HPM, Woburn - MBC trip  
7/10 3 Berkshire County - Tom Gagnon  
7/14 12 N Berkshire NABA - Tom Tynning et al  
7/22 23 MV NABA - Matt Pelikan et al  
7/30 1 Natick - Greg Dysart  
8/1 2 E Longmeadow - Karen Parker  
8/6 9 Sudbury - Greg Dysart  
8/12 2 Whately - Bill Benner  
8/13 4 Franklin - Eric LoPresti  
8/17 1 Bank Street bog, Harwich - Joe Dwelly  
8/26 2 Ware - Brian Klassanos  
9/13 8 Dover - Bob Bowker & Lesley Stillwell  
9/23 2 Northampton CG - MBC trip  
10/1 1 Westborough - Steve Arena  
10/5 1 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly

#### **Crossline Skipper**

6/23 2 GBH, Canton - MBC trip  
6/24 2 W Tisbury - Matt Pelikan  
6/30 9 N Worcester NABA - Carl Kamp et al  
7/2 10 HPM, Woburn - Matt Arey  
7/7 9 Truro NABA - Tor Hansen et al  
7/13 12 S Berkshire NABA - Rene Laubach et al  
7/14 16 Blackstone Valley NABA - Tom Dodd et al  
7/22 2 MV NABA - Matt Pelikan et al  
8/12 1 E Longmeadow - Karen Parker

#### **Long Dash**

5/7 1 Tully Dam, Royalston - Carl Kamp  
5/17 1 Marston Mills Airport - Joe Dwelly  
5/19 4 Chelmsford PL - Bob Bowker & Lesley Stillwell  
5/24 7 MPRA, W Newbury - Sharon Stichter  
5/28 15 Maudslay SP, NP - Bo Zarella  
6/10 18 MBWMA, Newbury - Joe & Sharon Stichter  
6/20 8 Tully Dam, Royalston - Steve Moore et al  
6/30 5 N Worcester NABA - Carl Kamp et al  
7/1 1 HPM, Woburn - MBC trip  
7/5 3 MBWMA, Newbury - Sharon & Joe Stichter  
7/13 1 S Berkshire NABA - Rene Laubach et al  
7/22 1 MV NABA - Matt Pelikan et al  
9/2 3 Halibut Point SP, Rockport - Matt Arey

#### **Northern Broken-Dash**

6/23 7 GBH, Canton - MBC trip  
6/24 3 World's End, Hingham - Bob Bowker et al  
6/26 1 Sedge Meadow, Wayland - Greg Dysart  
6/28 2 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
6/29 1 Graves Farm, Williamsburg - Bill Benner  
7/5 7 MBWMA, Newbury - Sharon & Joe Stichter  
7/7 63 C Franklin NABA - Mark Fairbrother et al  
7/7 51 Truro NABA - Tor Hansen et al  
7/10 3 E Longmeadow - Karen Parker  
7/13 20 S Berkshire NABA - Rene Laubach et al  
7/14 34 Falmouth NABA - Alison Robb et al  
7/14 55 N Berkshire NABA - Tom Tynning et al  
7/21 21 Brewster NABA - Alison Robb et al  
7/22 17 MV NABA - Matt Pelikan et al  
7/25 3 Borden Colony, Raynham - Joe Dwelly & Randy  
7/26 2 E Longmeadow - Karen Parker  
8/2 2 Nasketucket Bay Reserve, Mattapoisett - Gail Howe  
8/19 1 Rt 169 PL, Charlton - Bob Bowker & Lesley Stillwell  
8/27 1 Sylvan Nursery, Dartmouth - Brian Cassie

#### **Little Glasswing**

6/24 1 World's End, Hingham - Bob Bowker et al  
6/26 1 Sedge Meadow, Wayland - Greg Dysart  
6/28 33 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
6/29 2 Graves Farm, Williamsburg - Bill Benner  
6/30 30 N Worcester NABA - Carl Kamp et al  
7/2 4 Aldrich Rec. Area, Northbridge - Bob Bowker & Lesley  
7/7 11 N Essex NABA - Sharon Stichter et al  
7/10 4 Moore SP, Paxton - Elise Barry  
7/14 12 N Berkshire NABA - Tom Tynning et al  
7/24 1 E Longmeadow - Karen Parker  
7/24 2 Western Ave CA, Sherborn - Bob Bowker  
8/4 2 Larkin RA, Northbridge - Bob Bowker  
8/18 1 Springfield - Jen Prairie

#### **Sachem**

7/14 1 Oak Bluffs - Matt Pelikan  
7/16 4 Oak Bluffs - Matt Pelikan  
7/21 1 Brewster NABA - Alison Robb et al  
7/23 2 White Horse Beach, Plymouth - Mark Faherty  
7/30 1 New Bedford - Mark Mello  
8/17 1 Nasketucket Bay Reserve, Mattapoisett - Brian Cassie et al  
8/18 1 Plum Island, Newbury - Matt Arey  
8/25 2 White Horse Beach, Plymouth - Mark Faherty  
8/26 1 Correllus State Forest, West Tisbury - Matt Pelikan  
8/27 4 Sylvan Nursery, Dartmouth - Brian Cassie  
8/28 1 Northampton CG - Tom Gagnon  
8/29 1 Norwood - Brian Cassie  
8/30 2 Eastham - Dave Norris  
9/1 3 Sylvan Nursery, Westport - Greg Dysart  
9/1 6 Oak Bluffs - Matt Pelikan  
9/1 2 Oak Bluffs - Matt Pelikan  
9/2 3 Halibut Point SP, Rockport - Matt Arey  
9/3 6 Oak Bluffs - Matt Pelikan  
9/5 2 Manomet, Plymouth - Kim Goggin  
9/8 8 Oak Bluffs - Matt Pelikan  
9/9 1 Foxborough - Brian Cassie  
9/10 5 White Horse Beach, Plymouth - Mark Faherty  
9/12 2 NAC, Concord - Greg Dysart  
9/12 1 Yarmouth - Joe Dwelly  
9/14 16 Oak Bluffs - Matt Pelikan  
9/15 2 Wellfleet Bay Ws, Wellfleet - Mark Faherty  
9/16 2 Marion - Rob Sawyer  
9/16 5 Eastham - Dave Norris  
9/17 25 White Horse Beach, Plymouth - Mark Faherty  
9/20 1 Westborough - Steve Arena  
9/22 1 Wayland - MBC trip  
9/24 2 Provincetown - Dave Norris  
9/24 34 White Horse Beach, Plymouth - Mark Faherty  
10/5 1 W Bridgewater - Don Adams  
10/5 10 Westport - Lauren Miller-Donnelly  
10/5 18 Sylvan Nursery, Dartmouth - Frank Model  
10/6 1 Newbury - Matt Arey  
10/6 2 Sylvan Nursery, Dartmouth - Lauren Miller-Donnelly  
10/6 6 Orleans - Dave Norris  
10/6 5 Oak Bluffs - Matt Pelikan  
10/11 3 AP, Dartmouth - Ron Hamburger

#### **Delaware Skipper**

6/20 1 Milford PL - Bob Bowker  
6/28 2 Norcross Wildlife Sanctuary, Wales - Elise Barry et al  
6/30 9 N Worcester NABA - Carl Kamp et al  
6/30 2 Eel River Headwaters Preserve, Plymouth - MBC trip  
7/1 1 Northampton - Joshua Rose  
7/2 16 Aldrich Rec. Area, Northbridge - Bob Bowker & Lesley  
7/7 10 Truro NABA - Tor Hansen et al  
7/7 14 C Franklin NABA - Mark Fairbrother et al  
7/8 3 Bart's Cobble, Sheffield - MBC trip  
7/14 10 Falmouth NABA - Alison Robb et al  
7/14 18 N Berkshire NABA - Tom Tynning et al  
7/14 21 Blackstone Valley NABA - Tom Dodd et al  
7/21 4 C Berkshire NABA - Tom Tynning et al  
9/16 1 NAC, Concord - Garry Kessler

#### **Mulberry Wing**

6/28 1 Athol - Tom Gagnon et al  
7/2 1 Aldrich Rec. Area, Northbridge - Bob Bowker & Lesley

7/3 10 CST, Northborough - Steve Moore  
7/7 25 N Essex NABA - Sharon Stichter et al  
7/13 21 S Berkshire NABA - Rene Laubach et al  
7/14 8 Concord NABA - Dick Walton et al  
7/14 23 Blackstone Valley NABA - Tom Dodd et al  
7/21 7 CST, Northborough - MBC trip  
7/22 1 Trout Brook Reservation, Holden - Elise Barry

### Hobomok Skipper

5/6 1 E Longmeadow - Karen Parker  
5/17 4 E Longmeadow - Karen Parker  
5/17 1 Delaney WMA, Stow - Tom Murray  
5/20 3 Montague - Mark Fairbrother  
5/20 2 Barry Yard, Paxton - Elise Barry  
5/24 1 Sandwich Old Game Farm - Joe Dwelly  
5/27 1 Williamstown - Pam Weatherbee  
5/27 18 MBWMA, Newbury - Sharon & Joe Stichter  
5/31 2 Oak Bluffs - Matt Pelikan  
6/1 2 North Adams, Mt. Greylock State Res. - Greg Dysart  
6/8 6 Butler Farm, Millbury - Dolores Price & Wendy Miller  
6/11 3 Dunback Meadows, Lexington - Bob Bowker & Lesley  
6/15 1 Graves Farm, Williamsburg - Bill Benner  
6/22 2 E Longmeadow - Karen Parker  
6/30 6 N Worcester NABA - Carl Kamp et al  
7/13 1 S Berkshire NABA - Rene Laubach et al  
7/14 2 N Berkshire NABA - Tom Tynning et al

### Zabulon Skipper

4/28 1 E Longmeadow - Karen Parker  
5/12 1 Champagne yard, Foxborough - Madeline Champagne  
5/17 1 Milford PL - Bob Bowker & Lesley Stillwell  
5/23 2 Champagne yard, Foxborough - Madeline Champagne  
5/28 6 King Farm, Dartmouth - Lauren Miller-Donnelly  
5/31 7 Raynham - Joe Dwelly & Randy Buckner  
6/16 2 NRT, Amherst - Frank Model  
6/23 2 E Longmeadow - Karen Parker  
7/22 1 Northampton NABA - Mark Fairbrother et al  
7/22 2 Bristol NABA - Mark Mello et al  
7/30 16 FS WMA, Longmeadow - Steve Moore & Barbara  
7/30 1 Florence - Tom Gagnon  
7/30 5 Fowl Meadows, Milton - Greg Dysart  
8/1 12 Mattapoisset - Bo Zarembo  
8/1 1 Champagne yard, Foxborough - Madeline Champagne  
8/2 1 Whately - Bill Benner  
8/4 3 Rehoboth - Lauren Miller-Donnelly  
8/4 15 Larkin RA, Northbridge - Bob Bowker  
8/5 3 Mary Cummings Park, Burlington - Lesley Stillwell &  
8/6 6 E Longmeadow - Karen Parker  
8/6 1 Sudbury - Greg Dysart  
8/7 2 Ashland - Dawn Puliafico  
8/8 7 Borden Colony, Raynham - Joe Dwelly  
8/12 1 IRWS, Topsfield - Matt Arey  
8/13 1 Rock Meadow, Belmont - Jason Forbes  
8/13 2 Franklin - Eric LoPresti  
8/13 14 Nasketucket Bay Reserve, Mattapoisset - Wendy Miller  
8/14 1 Tidmarsh Farms, Plymouth - Mark Faherty  
8/14 1 Sherborn PL - Greg Dysart  
8/16 6 MHWS, Sharon - Vin Zollo  
8/16 6 Northampton CG - Tom Murray  
8/17 3 Champagne yard, Foxborough - Madeline Champagne  
8/17 1 E Bridgewater - Eddie Giles  
8/19 3 Upton State Forest - Tom & Cathy Dodd  
8/19 4 Westport - Mark Lynch  
8/24 2 Hanson - Wayne Petersen  
8/25 3 FS WMA, Longmeadow - MBC trip  
8/30 2 AP, Dartmouth - S. Moore, B. Volkle, W. Miller  
8/31 1 Stockbridge - Brian Cassie  
8/31 2 DWWS, Marshfield - David Ludlow  
9/1 1 Westwood - Erik Nielsen  
9/13 1 Dover - Bob Bowker & Lesley Stillwell  
9/16 2 Appleton Farms, Ipswich - Matt Arey  
9/22 2 Wellesley - Dawn Puliafico  
10/5 2 Westport - Lauren Miller-Donnelly  
10/16 1 AP Field Station, Dartmouth - Lauren Miller-Donnelly

### Broad-winged Skipper

7/3 1 CST, Northborough - Steve Moore

7/7 1 Truro NABA - Tor Hansen et al  
7/7 1 N Essex NABA - Sharon Stichter et al  
7/13 47 S Berkshire NABA - Rene Laubach et al  
7/14 1 N Berkshire NABA - Tom Tynning et al  
7/14 3 Blackstone Valley NABA - Tom Dodd et al  
7/21 2 Chilmark - Allan Keith  
7/25 2 Sheffield - Steve Moore et al  
8/13 4 Franklin - Eric LoPresti  
8/19 1 Cuttyhunk Island - Mark Faherty  
8/30 1 Sylvan Nursery, Dartmouth - S. Moore, B. Volkle, W.

### Dion Skipper

7/1 1 Northampton - Joshua Rose  
7/2 3 Aldrich Rec. Area, Northbridge - Bob Bowker & Lesley  
7/10 1 Berkshire County - Tom Gagnon  
7/13 3 S Berkshire NABA - Rene Laubach et al  
7/21 4 C Berkshire NABA - Tom Tynning et al

### Black Dash

6/24 1 E Longmeadow - Karen Parker  
6/28 1 Athol - Tom Gagnon et al  
7/5 5 MBWMA, Newbury - Sharon & Joe Stichter  
7/13 3 S Berkshire NABA - Rene Laubach et al  
7/14 7 Blackstone Valley NABA - Tom Dodd et al  
7/21 1 Sherborn PL - Bob Bowker  
8/2 3 Wenham - Matt Arey

### Two-spotted Skipper

6/25 2 S Athol - Frank Model  
6/28 2 Athol - Tom Gagnon et al  
7/3 2 New Salem - Tom Gagnon et al

### Dun Skipper

6/30 9 N Worcester NABA - Carl Kamp et al  
7/2 5 HPM, Woburn - Matt Arey  
7/4 3 E Longmeadow - Karen Parker  
7/6 2 Sandwich Old Game Farm - Joe Dwelly  
7/7 40 Truro NABA - Tor Hansen et al  
7/7 65 C Franklin NABA - Mark Fairbrother et al  
7/8 24 Old Town Hill, Newbury - Bo Zarembo  
7/13 151 S Berkshire NABA - Rene Laubach et al  
7/14 353 N Berkshire NABA - Tom Tynning et al  
7/14 62 Blackstone Valley NABA - Tom Dodd et al  
7/21 40 Brewster NABA - Alison Robb et al  
7/21 23 Chilmark - Allan Keith  
7/21 237 C Berkshire NABA - Tom Tynning et al  
7/22 76 MV NABA - Matt Pelikan et al  
8/12 1 Whately - Bill Benner  
8/13 2 Savoy - Tom Gagnon  
8/19 1 Nasketucket Bay Reserve, Mattapoisset - Steve Moore  
8/22 4 Gloucester - Rick Heil  
8/27 1 Sylvan Nursery, Dartmouth - Brian Cassie

### Dusted Skipper

5/13 4 Lamson Rd, Foxborough - Madeline Champagne  
5/17 1 Ward Res, Andover - Russ Hopping  
5/19 1 E Longmeadow - Karen Parker  
5/19 1 Edgartown - Matt Pelikan  
5/20 1 Sweet Alice CA, Amherst - Joshua Rose & Harvey Allen  
5/20 10 Florence - Tom Gagnon  
5/20 3 Bare Meadow Cons. Area, Reading - Ron Hamburger  
5/24 8 Little River Nature Trail, NP - Sharon Stichter  
5/25 3 Holyoke - MBC trip  
5/25 1 Crowe's, Dennis - Joe Dwelly  
5/27 17 Lamson Rd, Foxborough - Madeline Champagne  
5/27 1 Royalston - Mark Lynch & Sheila Carroll  
5/29 1 Dennis-Greenough Ponds, Yarmouth - Joe Dwelly  
5/31 11 Raynham - Joe Dwelly & Randy Buckner  
6/3 7 Dauphinis Park, Grafton - Dolores Price  
6/7 5 Sherborn PL - Bob Bowker  
6/9 1 Dauphinis Park, Grafton - MBC trip

### Pepper and Salt Skipper

5/17 4 Quabbin, Petersham - Tom Gagnon  
5/17 4 Delaney WMA, Stow - Tom Murray  
5/18 1 Great Meadows, Lexington - Matt Pelikan  
5/20 9 Shutesbury - Brian Cassie  
5/27 1 Barry Yard, Paxton - Elise Barry  
5/27 1 Petersham - MBC trip

5/27 1 Highland Farm, Belmont - Mark Rainey  
 5/29 17 North Adams, Mt. Greylock State Res. - Tom Gagnon  
 6/3 23 North Adams, Mt. Greylock State Res. - MBC trip  
 6/10 1 Winchendon - Carl Kamp  
**Common Roadside-Skipper**  
 6/9 1 Winchendon - Brian Cassie  
**Ocola Skipper**  
 8/14 1 Tidmarsh Farms, Plymouth - Mark Faherty  
 8/25 1 White Horse Beach, Plymouth - Mark Faherty  
 8/31 1 Sylvan Nursery, Dartmouth - Garry Kessler  
 9/2 1 Westwood - Erik Nielsen  
 9/15 1 E Gloucester - Richard Heil  
 9/16 1 Sylvan Nursery, Dartmouth - Ron Hamburger  
 9/16 1 AP Field Station, Dartmouth - Lauren Miller-Donnelly  
 9/24 1 White Horse Beach, Plymouth - Mark Faherty  
 10/1 1 Yarmouth - Joe Dwelley  
 10/2 1 Rowley - Bo Zaremba  
 10/5 2 Sylvan Nursery, Dartmouth - Frank Model  
 10/5 1 Ashland - Dawn Puliafico  
 10/6 1 Sylvan Nursery, Dartmouth - Lauren Miller-Donnelly  
 10/6 1 Northampton CG - Tom Gagnon

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**Abbreviations:** AP-Allen's Pond; BMB-Broad Meadow Brook, CG-Community Gardens; CRP-Charles River Peninsula; CST-Crane Swamp Trail; F&G-Fish & Game; FPB-Fort Pond Brook; FS-Fannie Stebbins Wildlife Sanc-

tuary; GBH-Great Blue Hill; GM-Great Meadows NWR; GITW-Garden in the Woods; HPM-Horn Pond Mountain; IBA-Important Bird Area; IRP-Ipswich River Park; IRWS-Ipswich River Wildlife Sanctuary; LA-Larz Anderson Park; LPWS-Long Pasture Wildlife Sanctuary; MAS-Mass Audubon Sanctuary; MCRT-Massachusetts Central Rail Trail; MBWMA-Martin Burns WMA; MHF-Moose Hill Farm; ML-Mystic Lakes; MMP-Mountain Meadow Preserve; MPRA-Mill Pond Recreational Area; MS-SF-Myles Standish State Forest; MV-Martha's Vineyard; NABA 4JC-North American Butterfly Association 4th of July Count; NAC-Nine Acre Corner; NCM-North Common Meadows TTOR; NP-Newburyport; NRT-Norwottuck Rail Trail; NWR-National Wildlife Refuge; PL-Power Line; Res.-Reservoir or Reservation; RM-Rumney Marsh; S-C - Stevens-Coolidge TTOR; SF-State Forest; SP-State Park; TTOR-The Trustees of Reservations; WMA-Wildlife Management Area; WMWS-Wachusett Meadow Wildlife Sanctuary; WRR-Waskosim Rock Res.



## Maine's Clayton's Copper

By Steve Moore

Under the leadership of Tom Gagnon and Erik Nielsen many Massachusetts Butterfly Club members have taken the 5-hour drive to northern New Hampshire and eastern Maine for butterfly species that normally do not appear in Massachusetts. However, few have taken the 5-hour drive to central Maine just north of Bangor for the Clayton's Copper (*Lycaena dorcas claytoni*), possibly a subspecies of the widespread Dorcas Copper (*Lycaena dorcas*).

Most of the information I have gathered for this article comes from reports by the Maine Department of Inland Fisheries and Wildlife published in 2001. I also had communication with Beth Swartz of the Department who did much of the fieldwork and prepared much

of the material for the reports. I also read *Conservation Genetics of Maine's Rare Species* by researchers at the University of Maine which analyzed morphological and genetic data. I received information from Dick Hildreth sent through Brian Cassie. Rather than footnote the information I obtained from all of these sources, I will simply acknowledge here the source of the information and recommend that the reader review the reports online (just Google "Clayton's Copper Maine").

Clayton's was first described as a distinct subspecies in 1940 by A. E. Brower and named for Walter J. Clayton, a field naturalist who had studied the subspecies previously. The determination that Clayton's was a distinct subspecies was primarily based on the distance from the nominate subspecies (*Lycaena dorcas dorcas*), its smaller size, its darker and duller color, and its smaller and fewer dark spots (Brower 1940). It is listed as endangered by the State of Maine (1997).

Clayton's is described in the Maine report as follows: "...a small butterfly with males measuring 24-26mm across and the females 25-28mm. The upper wing surface is mainly brown in color, with small black spots scattered throughout and a few faint, red-orange spots near the anal angle of the hindwing. Males have a distinguishing purplish iridescence over the upper surface. The underside is orange-brown, also with scattered black spots, and with light orange markings along the outer margin of the hindwing. The eggs are pale green to nearly white (personal observance, B. Swartz); and larvae are a pale green with short hairs, faint white dashes on each segment, a dark green middorsal line, and a tan head (based on description of *Lycaena d. dorcas* in Opler and Malikul 1992). Pupae can be green, black, brown, or even purplish (Scott 1986)...."

The reports indicate that there may be as many as 14 sites at which Clayton's are present with 11 in Maine and 3 in New Brunswick. Many are described as difficult to access (e.g., may need a canoe) and with few individuals. One of the sites that is accessible by

foot and supports a significant number of individuals is in the Lee/Springfield, Maine area along the shores of Gott Brook.

Clayton's uses Shrubby Cinquefoil (*Dasiphora fruticosa*) as its host plant. This plant is a transitional species that does not thrive in shade. It is not rare in central or northern Maine and occurs on the edges of calcareous wetlands until successional forest growth makes it inhospitable for the plant.

Clayton's has one brood each year with eggs being laid singly in August under the leaves of its host plant. The leaves with the attached eggs later fall to the ground where the eggs overwinter. They have 5 instars with adults emerging in late July into August. Adults stay near the host plant and use its yellow blossoms for nectar.

On August 2, 2012, 8 members of the Massachusetts Butterfly Club--Ron and Sue Cloutier, Nan and Dave Wilson, Elise and Karl Barry, and Barbara Volkle and myself--ventured to the Springfield, Maine area to look for the Copper. We were fortunate to have excellent directions from Beth Swartz. We drove down 2 dirt roads (about 2.7 miles in all) one of which was in good shape with a few deep spots and the other was virtually impassable after a tenth of a mile. We parked where Beth suggested and walked the "main trail" for about 15 minutes before coming to the end of the path at Gott Brook. We walked back from the Brook about 50 feet to a "trail" which had some old purple tape on trees marking its location. Happily the "trail" only went a few hundred feet before it turned left and ended at Gott Brook. Ron and Sue Cloutier were leading the hike through the underbrush and when they turned left I could hear them shouting "They are here," and they were. We counted 21 Clayton's nectaring on the yellow blossoms of the Cinquefoil along the banks of the Brook. There were probably more but we did not venture very far up the Brook given the lateness of the day (4pm) and the return of the clouds.

Now that I know where to look I will lead a trip for all Club mem-

bers who wish to participate early this August. Check the 2013 trip schedule for details. We will also visit the front of Stephen King's Bangor house with its wrought iron fences and gargoyles, the fabulous Orono Bog trail in Bangor, and a portion of Sunkhaze NWR. In 2012 we saw 19 butterfly species but were constantly in cloudy, cool weather, except for the 2 hours we spent with Clayton's.

Sources:

Brower, A.E. 1940. Descriptions of some new Macrolepidoptera from eastern America. *Bulletin of Brooklyn Entomological Society* 35:138  
 Opler and Malikul. 1992. *A Field Guide to Eastern Butterflies*. Peterson Field Guide Series. Houghton and Mifflin Co. Boston. 396 pages.  
 Scott, J.A. 1986. *The Butterflies of North America*. Stanford University Press. Stanford, California 583 pages.  
 State of Maine. 1997. [http://www.maine.gov/ifw/wildlife/species/endangered\\_species/claytons\\_copper/index.htm](http://www.maine.gov/ifw/wildlife/species/endangered_species/claytons_copper/index.htm)

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## Submission of Articles, Illustrations, and Season Records

We encourage all members to contribute to *Massachusetts Butterflies*. Articles, illustrations, photographs, butterfly field trip reports, garden reports, and book reviews are all welcome, and should be sent to the Editor by August 30 for the Fall issue, and January 15 for the Spring issue.

Send NABA Fourth of July count results to Tom Gagnon [tombwhawk@aol.com](mailto:tombwhawk@aol.com) by **August 15** for inclusion in the Fall issue. Send your season sightings and records to Mark Fairbrother [mark@massbutterflies.org](mailto:mark@massbutterflies.org) by **December 31** for inclusion in the Spring issue. Records may now be submitted via the online checklist and reporting form, which is available for download from our website at: <http://www.massbutterflies.org/club-publications.asp>

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As a chapter of the North American Butterfly Association, the Massachusetts Butterfly Club is a non-profit, tax-exempt organization under section 501(c)(3) of the Internal Revenue Code. Gifts (in excess of dues) to the Massachusetts Butterfly Club are gifts to NABA, and are fully tax deductible.

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Migrating Monarchs (*Danaus plexippus*), Eastern Point,  
Gloucester, MA, 9/15/12, Dawn Puliafico



American Lady caterpillar (*Vanessa virginiensis*),  
Whately, MA, 6/1/12, Bill Benner