

Massachusetts Butterflies



Spring 2021, No. 56

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Elise Barry



Southern Cloudywing (*Thorybes bathyllus*),
6/26/20, Falmouth, MA, Michael Newton

Cover photo:

Eastern Tiger Swallowtail (*Papilio glaucus*), the NABA-MBC’s official
symbol (Happy 30th Anniversary!), 7/27/20, Shrewsbury, MA, Bruce deGraaf



**“Thirty for Thirty”
NABA-Massachusetts Butterfly Club’s
30th Anniversary Volunteer Challenge**

2020 was a year of tough challenges for everyone. Covid-19 has left an indelible mark. In our Fall 2020 issue, we reflected on some of those challenges, and also some of the ways that 2020 surprised us with unexpected pleasures and new insights and experiences.

It’s probably safe to say that 2021 is going to be a year of Hope. Hope that we can start to put some of the difficulties—and even tragedies—of 2020 behind us. Hope that vaccines will make a real difference in our abilities to get out and be more social. Hope that life might start to feel more “normal”.

As we go to press in late March, though, it’s still somewhat unclear just what might be in store for this butterfly season to come. Vaccines are rolling out, and some restrictions are slightly easing, on the one hand. On the other hand, disease resurgence in some parts of the world is reminding us that we aren’t through this yet. There may be sun and blue sky on the horizon, but the weather is still quite unsettled.

But one thing is clear, as it always is—Spring is upon us! The world has reliably continued to turn, the snow is melted (mostly), the Vernal Equinox has arrived. The days are getting longer, the sun is getting stronger, and the first butterflies—Mourning Cloaks, Commas, Azures—have already been reported. The field season has begun again! The butterflies will be flying, and we’ll be eager to get out and hike and record and photograph and watch and ponder and rejoice that another summer has arrived.

Another milestone is also clear: 2021 is the 30th Anniversary of the NABA-Massachusetts Butterfly Club! And in honor of this occasion, Brian Cassie, the founder of NABA-MBC, has proposed a more upbeat and positive challenge, an idea that we're calling the Thirty for Thirty Challenge. Brian's idea, which has been embraced by the club officers, is to have every club member, every Massachusetts butterflyer, spend 30 hours of volunteer time this season doing something for butterflies. He can tell you in his own words:

“In this thirtieth year of the Massachusetts Butterfly Club, I write to the club members with a request; that is, to please devote thirty hours to butterfly conservation in 2021. There are so many ways to help butterflies and their habitats. Included among these are:

- planting larval food plants and butterfly nectar plants in appropriate habitats
 - volunteering work at existing butterfly gardens
 - working with town conservation commissions on improving butterfly habitats or censusing butterflies
 - working with the Massachusetts Butterfly Club, Mass Audubon, The Trustees, or other nature organizations on butterfly conservation projects/butterfly censuses
 - finding a new butterfly spot in your town, recording butterflies there, and sharing your finds with the club
 - helping Garry Kessler with monitoring Acadian Hairstreaks statewide [see Garry's note on p.5]
- or doing anything else that helps Massachusetts butterflies”

The ideas, as you can see, are endless—Plant a garden, even a small one. Lead field trips. Introduce young (or old!) people to butterflying. Speak or write or share with others your knowledge about butterflies. Volunteer for some habitat restoration—Brian has a summary on p.20 of a project he's been spearheading in Foxboro. Act locally. Work more globally for butterflies and their habitat. Write letters. Teach a class. Survey some

habitat and report your findings; maybe there's a local patch that you could visit every couple of weeks throughout the season and monitor the butterfly populations and report that to the club's database. Help Danielle Desmarais survey for Hessel's Hairstreaks; email a club officer to ask how. Or maybe there's some place(s) that you've wanted to check out and record the butterflies there, but just haven't done it yet—this could be the year!

At least in our own space, maybe we can push a bit beyond the pandemic this year, and turn our minds and our bodies in some more positive directions. A little exercise wouldn't hurt, and we're also looking forward to the mental stimulation of moving our butterflying along some new paths. If we get the chance to meet some new butterfly friends, so much the better!

Your editor has one more request. Keep a log of what you do. Keep it fun, spend the summer doing your thing, and also think about a paragraph or two, and some photos, that you can share at the end of the season about what you did, and what you learned, and what you liked the most. We'll publish these shared experiences in the Fall issue, and we can all enjoy the satisfaction of hearing about everyone's great Summer of 2021.

On behalf of Brian Cassie, and the club officers, thanks in advance—for all you do for butterflies, and for all of the positive impacts we'll have on butterflies, butterflyers, and butterfly habitat this coming season. Enjoy!

Martha Gach, President
Bill Benner, Editor



Common Wood Nymph (*Cercyonis pegala*),
7/15/20, Upton, MA, Garry Kessler

2021 Search for Acadian Hairstreaks

by Garry Kessler

I'm writing to you here because I'd like your help in a search for Acadian Hairstreaks (*Satyrrium acadica*) in Massachusetts [Garry's photo below; see a color ID photo by Garry on p. 22].



Background:

It appears that Acadian Hairstreaks have declined in MA. A question is whether or not any remaining populations merit state conservation protection. I've been in touch with Mike Nelson of NHESP, and he suggested that a multi-year study would be useful. Perhaps 5 years of searching both known and potential sites.

A few questions:

- 1) Would you be interested in helping with such a study?
- 2) Are there specific locations or people you'd recommend for inclusion?
- 3) If you are interested in helping are there specific locations you will check?

Study data:

I believe we need to collect the following information for sites of interest:

- specific location, date, conditions (sun / temp / wind)
- count (and other species of interest)
- habitat (host plant and nectar availability)
- threats to the site (human disturbance, development, ...)

Non-disclosure agreements are not required for this study. However, data collected for this study should be closely held within the study to allow for maximum protect should the butterfly merit state protection.

Any data published for general consumption will be published only at the county level.

This spring I expect I'll post a general solicitation to MassLep including the following additional information.

Acadian hairstreak habitat: generally near wet areas with willow, such as wet meadows, streams and pond edge.

Host plants: willows

Nectar: milkweed, NJ tea, dogbane

Flight period: mid-June to mid-August, peak 2nd week of July.

Please send all search data, positive and negative to Garry Kessler, gkessler001@aol.com

Thank you for your help.
Garry



2020 Season Summary and Records

Mark Fairbrother

Although our first records were in early March, things really didn't get going until the first week of April. May and most of June were reasonable, but by the time the 4J counts kicked in in July it was once again almost dangerously hot and dry. It stayed that way into the fall, but then parts of the state were hit by an early frost in the second half of September, which knocked down numbers and shortened the flight season for several species, at least in western and northern parts of the state.

The season's first reports were on March 3rd, when an Eastern Comma and Mourning Cloaks were found in four widespread locations in the east, a Mourning Cloak was abroad in Amherst on the 5th, and on the 9th, the same two species were widely reported from various Worcester Co. and CRV locations. The first Berkshire Co. report didn't come until the end of the month. The late records for 2020 were on November 21, when five different species were reported (one each) from five different towns by five different people. 2020 was not much of an incursion year for southern species into our area. Inland, the hot spots were again the Northampton Community gardens, the Fannie Stebbins refuge in Longmeadow, Sheffield, and earlier in the season, the Montague Plains. In the east, the Worcester/Shrewsbury area, the Newbury area, Boston and Westport/Dartmouth attracted watchers' attention.

Just under 7,500 records were submitted for 2020, a considerable drop off from the 8,800 records for the 2019 season. These included reports for 104 species. The COVID-19 situation wiped out most of the MBC field trip schedule until a few trips happened in the fall. It may have also had a lesser impact on the 4J counts and activities by independent observers. Kind of like an election, each year, observers in MA find the same 102 or so species, and in the end it comes down to a handful of "swing species" to determine our final total for the year. The species didn't swing much in 2020.

American Snout and Hessel's Hairstreak went unreported. Such fun species as Gray Comma, Red-banded Hairstreaks, Long-tailed, Fiery, Sachem and Ocola Skippers have become pretty solid annual acquaintances, at least in sometimes limited areas. Birders have things like gulls, terns and shorebirds to provide potential high excitement, but the game is much more limited for butterflyers. Generally, numbers of many species were noticeably lower this year.

If you post sightings on-line (MassLep and Facebook) during the season and then send them to me in a group of records post-season, please indicate which records, if any, were posted earlier especially on MassLep, and which were not. People submit reports one way or another; either by posting them on the MassLep butterfly list server, sending them directly to me, or posting their sightings on the Facebook page. I'd prefer receiving them in that order, but of course I'll take them anyway I can get them. 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 and keeping in mind the space restrictions we have, I take the earliest report and the latest, the highest number reported, then try to pick records based on location across the state and throughout the season, and finally by observer. I do give small preference to records from new contributors and/or new locations and after that spread credit around generally. After that I refer back to location and time.

SWALLOWTAILS

Giant Swallowtail was widely reported from mid-June on, but except for the species' stronghold in the Sheffield area, reports were almost always of single individuals. Remember just a few years ago when any report of GISW in the state made news? There were only two reports of Pipevine Swallowtail, both in mid-September in the CRV. Eastern Tiger had another solid year, with many reports of numbers being seen from mid-May well through August,

with stragglers along the coast until late October! There were 14 Canadian Swallowtail reports, all from the western half of the state with the exception of one in West Bridgewater. While Spicebush Swallowtail was often and widely reported, the vast majority of sightings were of 1 or 2 individuals.

WHITES AND SULPHURS

Cabbage White reports stabilized at about 700 in 2020, the same as 2019, in case anyone was worried about the species. Only three reports of West Virginia White were received, one each from Sunderland, Williamstown and North Adams. Mustard White reports were about normal, and all from Berkshire Co. except one from Wachusett Meadow on 24 September. Clouded Sulphur lasted until the middle of November, while Orange Sulphur had an awful year, at least as far as this observer is concerned. Usually less common early, and then building up numbers through the summer, outside the 4J counts and optimum habitats later in the season the Orange Sulphur remained well below normal. Cloudless Sulphur returned to the state on schedule in 2020, with 27 records from mid-August to late October, the large majority of the occurrences being within a few miles of the coast except for one in Holliston on September 25th

GOSSAMER-WINGS

Harvesters are probably quite widespread across the state and occasionally locally common, but outside of the Mystic Lakes and the Stebbins Refuge in Longmeadow, good luck finding one.

American Copper reports were common and widespread across the state and season, while Bog Copper, a species which can be abundant in very restricted habitat, was reported five times. Bronze Copper was reported from mostly the expected sites to the end of September. There was only one report of Acadian Hairstreak, from the Central Berkshire 4J count. Coral Hairstreak was reported widely across the state. Edwards Hairstreak was reported more

widely in 2020, from Montague to Truro. Striped Hairstreak reports were up in 2020, and scattered sparsely across the state, from northern Berkshire Co. to Mattapoisett.

Frosted Elfin reports were about as usual: those feeding on *Baptisia* were relatively widespread in the east, while the lupine feeders continue to be reported from just a couple sites in the CRV. Bog Elfin was reported from Worcester Co. twice in 2020. Brown Elfin had few reports, mostly from the south east and Martha's Vineyard. The only reports west of Worcester Co. were from the Montague area. Henry's Elfin reports were down, and except for Wilbraham, all were from Worcester Co. eastward. Hoary Elfin reports were, as usual, limited to Plymouth and MV. Red-banded Hairstreak reports were up, with fifteen, most from the eastern third of the state, with one additional sighting being one photographed in Longmeadow in late August. There were four reports of Hickory Hairstreak, with three from Berkshire Co. and one (with photo) from Sharon. Only three White-M Hairstreak were reported, one each from Newbury, Gardner, and Williamsburg. Hessel's Hairstreak was unreported, and Juniper Hairstreak was found seven times between Woburn, Holyoke and Mattapoisett. Gray Hairstreaks were reported widely from early May to mid-October, with an amazing 65 on the Falmouth 4J count. Early Hairstreak also had only one sighting in 2020. Spring Azure was well reported from the end of March to early July. Three of four Cherry Gall Azure reports were from Shrewsbury, with the other from Norfolk. Eighteen Silvery Blue reports ranged from Newbury to Williamstown, and Grafton to Holyoke.

BRUSHFOOTED BUTTERFLIES

The 2019 irruption of American Snouts into the state was not repeated. Variegated Fritillary was reported five times, from a total of three widespread locations, mostly in September. Despite some good numbers on 4J counts locally, I thought it was a very off year for Great Spangled Fritillary, but Aphrodite Fritillary reports tripled over 2019, mostly from the western half of the state. Atlan-

tis Fritillary numbers continue to be low and mostly limited to the Berkshires. Reports of Meadow Fritillary more than doubled in 2020 (4 to 10), including an amazing 153 from No. Berkshire Co., and were all from the CRV west. Harris' Checkerspot was again limited to three reports from Shrewsbury. Baltimore Checkerspot reports again were limited and heavily balanced toward the eastern half of the state, with only seven reports west of Worcester Co. I know that in Franklin Co. the shift in land use away from grazing is allowing succession towards forest from wet meadows, unfavorable conditions for turtlehead.

After a strong year in 2019, only eleven Question Marks were reported in 2020, all but one from the eastern half of the state. Eastern Comma helped supply the first and last records for the year, and were reported from every month in between except September. Six reports of Gray Comma were all from the Berkshires. Three Compton Tortoiseshell were reported, two very early in the east and one quite late in the CRV. A large majority of Mourning Cloak sightings were from March to the end of May, when they were found in ones and twos across the state. There were nine reports of Milbert's Tortoiseshell, all from the western half of the state. American Ladies had a slow year, and Painted Ladies went somewhere else in 2020; most of the relatively few records were of ones and twos. Common Buckeye produced numerous reports, mostly from Worcester C. eastward.

Viceroy appeared at the end of May and continued into early October, while Hackberry Emperor was reported from only two locations- Sheffield and Springfield. Tawny Emperor was reported once from southern Berkshire County and three times from the Northampton area, while another managed to turn up (deceased) inside a car in Montague. Northern Pearly-eye was reported mostly from northern Worcester Co. westward, with a few scattered reports from the east. Appalachian Brown reports tended to be from the western half of the state, but, the two highest counts all season were from central Berkshire Co. and Truro. Little Wood-Satyr, of both varieties, were well reported across the state. Com. Ringlet

and Wood-Nymph reports were about average. Monarchs seemed to have a generally strong flight all summer long, but failed to produce any large numbers in the southeast in the Fall.

SKIPPERS

There were only three Long-tailed Skipper reports in 2020, down from 11 in 2019, all from the southeastern part of the state. All but five of the 15 Hoary Edge reports came from Broad Meadow Brook or the Montague Plains. The few Southern Cloudywing reports were widely scattered from the CRV to the Cape, and we actually had a Northern Cloudywing report from Berkshire Co. (Hinsdale), but only one other west of the CRV. Otherwise, the Duskywings were found when and where one would expect, while Common Sootywing was reported fairly widely in 2020, from Windsor to Uxbridge.

The small handful of Arctic Skipper reports were all from Berkshire Co. Least Skipper was again well and widely reported from the end of May into early October. Fiery Skipper sightings were up again this year, but with the usual exception of the Northampton area, all were from the eastern half of the state, with the latest being Oct. 15 in Walpole.

Only seven Leonard's Skipper reports came in, but they were from six different locations. Cobweb Skipper was reported eight times, but from a total of two places. Peck's Skipper did well, in places maintaining good numbers late into the season, and Long Dash was reported through June and into July with several second brood records into mid-September. Zabulon Skipper remains absent, or at least unreported from, Berkshire Co., but persisted into early Oct. in the southeast. Hobomok Skipper reports, on the other hand, were mostly from the CRV west. Broad-winged Skipper reports were mostly from the eastern half of the state and the lower CRV, with only one from Berkshire Co. Dion Skipper was reported from five locations, four in Berkshire Co, one in Northampton, while Two-spotted Skipper was reported five times, all but one

from Berkshire Co. Ten Pepper and Salt Skipper reports were mostly from the Berkshires, with one from Broad Meadow Brook in Worcester. Fifteen Sachem reports were mostly from the Dartmouth/Wareham area, with one from the Newbury area. Ocola Skipper was found mostly in the southeast, also turned up as far afield as Newbury, Arlington, Belmont and Northampton.

Abbreviations: ABNC-Athol Bird & Nature Club; AP-Allen's Pond; BFD-Barre Falls Dam; BMB-Broad Meadow Brook, CA-Conservation Area; CG-Community Gardens; CRP-Charles River Peninsula; CRV-Connecticut River Valley; CST-Crane Swamp Trail; DWWS-Daniel Webster Wildlife Sanctuary; EQLT-East Quabbin Land Trust; F&G-Fish & Game; F&W=Fish & Wildlife; FPB-Fort Pond Brook; FS-Fannie Stebbins; 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; MBC-Massachusetts Butterfly Club; 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; MSSF-Myles Standish State Forest; MV-Martha's Vineyard; NABA/NABA 4JC-North American Butterfly Association 4th of July Count; NAC-Nine Acre Corner; NCG-Northampton Community Gardens; NCM-North Common Meadows TTOR; NP-Newburyport; NRT-Norwottuck Rail Trail; NWR-National Wildlife Refuge; PL-Power Line; PRNWR-Parker River NWR; Res.-Reservoir or Reservation; RM-Rumney Marsh; S-C - Stevens-Coolidge TTOR; SF-State Forest; SP-State Park; SR-State Reservation; TTOR-The Trustees of Reservations (now The Trustees); WMA-Wildlife Management Area; WM-WS-Wachusett Meadow Wildlife Sanctuary; WRR-Waskosim's Rock Reservation; WS=Wildlife Sanctuary

Common Ringlet (*Coenonympha tullia*),
8/22/20, North Brookfield, MA,
Alan Rawle



Eastern Pine Elfin (*Callophrys
niphon*), 5/24/20, Princeton, MA,
Linda Graetz

Pipevine Swallowtail

- 6/30 1 Amherst - Josh Rose
9/17 1 Northampton CG - Tom Gagnon

Black Swallowtail

- 4/6 1 Concord - Mark Rosenstein
4/29 2 Southborough - Dawn Vesey
5/2 1 Franklin Park, Boston - Bob Mayer
5/16 1 Cherry Hill Reservoir, Newbury -
Marjorie Watson
5/21 1 Oak St. PL, Shrewsbury - Bruce
deGraaf
5/31 1 Hennessey Property, Grafton - Marvin
St. Onge, Dolores Price
6/9 2 Riis Hill DCR, Barre - Wendy Howes
6/13 1 Groton - Tom Murray
6/20 3 N Essex NABA - Mark Rosenstein
et al.
6/28 1 Medfield - Erik Nielsen
7/5 5 N Worcester NABA - Wendy Howes
et al.
7/5 5 N Berkshire NABA - Tom Tynning
et al.
7/12 4 C Berkshire NABA - Tom Tynning
et al.
7/15 1 Leicester - Dolores Price, Marvin
St. Onge
7/19 5 Northampton NABA - Mark
Fairbrother *et al.*
7/20 5 Adams Farm, W. Bridgewater - Don
Adams
7/26 4 Brewster NABA - Joe Dwelly *et al.*
8/2 5 Sheffield - Matt Arey
8/8 1 Williamstown - Pam Weatherbee
8/12 2 Arcadia WS, Easthampton - Bill
Callahan
8/22 1 Chicopee - Marta Szymczakiewicz
8/28 1 Townsend - Gary Sirois
9/5 1 Rock Meadow, Belmont - Laura
Ferraguto
9/7 4 Arnold Arboretum, Boston - MBC trip
9/12 1 Somerville - Ken Crouse
9/18 1 Northampton CG - Bill Callahan
10/1 1 Arlington Heights - Lisa Wolfe
10/22/1 AP Field Station, Dartmouth - Michael
Newton

Giant Swallowtail

- 6/14 4 Lime Kiln, Sheffield - Bill Callahan
7/25 1 Adams - Jeanne Boudreau
7/26 1 West Whately - Bill Benner, Joe
Wicinski
7/27 1 Princeton - Wendy Howes
7/28 1 Florence - Tom Gagnon
7/29 1 Arlington Heights - Lisa Wolfe
7/30 1 FS WMA, Longmeadow - Bill
Callahan

- 8/2 30 Sheffield - Michael Newton
8/6 5 Northampton CG - Tom Gagnon
8/10 1 Amherst - Greg Dysart
8/11 1 Easthampton - Bruce King
8/12 3 Conte NWR, Hadley - Rachel
Bellenoit
8/12 1 Marblehead - Karen Haley
8/14 1 Granby - Erica Schwalm
8/21 1 Arlington Heights - Lisa Wolfe
8/23 1 Harwich - Mark Faherty
8/24 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills
8/28 1 Natick - Glenn Long
8/30 1 Northampton - Kate Lucas
9/5 1 Northampton CG - Tom Gagnon
9/8 1 E Gloucester - Lucy Merrill-Hills

Tiger Swallowtail (*spp.*)

- 5/3 1 Stow - Jason Forbes
5/14 1 Adams Farm, W. Bridgewater - Don
Adams
6/3 8 New Salem - Dave Small
6/9 2 Williamstown - Pan Weatherbee
6/13 45 Warwick - Dave Small
6/18 3 Ashfield - Jeremy Coleman
7/2 4 BMB WS, Worcester - Dolores Price
& Marvin St. Onge
7/11 10 Williamsburg Flower Hill Farm -
Carol Duke
7/12 3 Chesterfield - Wendy Howes, Alan
Rawle
7/14 1 Wilmington - Mary Hudson
7/26 2 Williamstown - Pam Weatherbee
8/3 1 Sandwich Heritage Gardens - Dawn
Vesey
8/12 1 Dracut - George Kazarian
8/19 2 Arlington Heights - Lisa Wolfe
8/23 2 Harwich - Mark Faherty
9/1 1 Pine Hill, Plymouth - Robin Gross

Eastern Tiger Swallowtail

- 5/13 1 Boston, Scarboro Pond - Lucy
Merrill-Hills
5/14 1 McDonald Nature Preserve,
Wilbraham - Bill Callahan
5/14 2 Joppa Flats, Newburyport - Matt Arey
5/20 3 Quaboag WMA, Brookfield - Mark
Lynch, Sheila Carroll
5/22 1 Little Mount Tom, Holyoke - Bill
Callahan
5/28 1 Charlton - Nicole Giles
5/30 1 Windsor - Bill Callahan
6/1 1 Hampden - Erin Hough
6/6 49 Dubuque SF, Hawley - Mark Lynch,
Sheila Carroll
6/9 1 Fall River - Doug Hlousek
6/12 28 Rowe - Mark Lynch, Sheila Carroll
6/14 2 Lime Kiln, Sheffield - Bill Callahan

6/19 18 NCM, Petersham - Bill & Cara Callahan
 6/21 17 Windsor - Bill & Nancy Callahan
 6/27 1 MSSF, Plymouth - Andrew Griffith
 7/3 69 S Berkshire NABA - Rene Wendell *et al.*
 7/4 93 C Franklin NABA - Mark Fairbrother *et al.*
 7/5 116 N Berkshire NABA - Tom Tynning *et al.*
 7/5 56 N Worcester NABA - Wendy Howes *et al.*
 7/6 9 Williamsburg Flower Hill Farm - Carol Duke
 7/12 77 C Berkshire NABA - Tom Tynning *et al.*
 7/12 8 Truro NABA - Mark Faherty *et al.*
 7/14 31 Windsor - Bill Callahan
 7/19 23 Northampton NABA - Mark Fairbrother *et al.*
 7/24 3 SF, Savoy - Bill Callahan
 7/26 7 Brewster NABA - Joe Dwelly *et al.*
 7/26 2 Holliston - Richard Hildreth
 7/26 1 Monterey - John Farrell
 8/1 5 Mount Sugarloaf, Deerfield - Elise & Karl Barry
 8/8 3 Arnold Arboretum, Boston - Lucy Merrill-Hills
 8/14 3 Arlington Heights - Lisa Wolfe, Peter Loshin
 8/21 1 Erving - Mark Lynch, Sheila Carroll
 8/26 1 Hadley - Rachel Bellenoit
 8/31 1 Boston Nature Center - Lucy Merrill-Hills
 9/5 2 Rockport - Matt Arey
 10/14 1 East Harwich - Mark Faherty
 10/22 1 Westport - Michael Newton

Canadian Tiger Swallowtail

5/22 1 West Whately - Bill Benner, Joe Wicinski
 5/30 1 West Whately - Bill Benner
 6/3 1 Montague Plains - Jeremy Coleman
 6/8 40 North Adams, Mt. Greylock State Res. - Tom Gagnon
 6/13 3 Florence - Tom Gagnon
 6/13 1 Ashfield - Jeremy Coleman
 6/17 1 Adams Farm, W. Bridgewater - Don Adams
 6/23 1 Royalston - Carl Kamp
 6/30 1 Montague Plains - Jeremy Coleman
 7/3 2 S Berkshire NABA - Rene Wendell *et al.*
 7/5 17 N Berkshire NABA - Tom Tynning *et al.*
 7/5 2 N Worcester NABA - Wendy Howes *et al.*

7/7 1 Elf Meadow CA, Amherst - Elise & Karl Barry

Spicebush Swallowtail

5/17 1 Ward Res, Andover - Howard Hoople
 5/21 1 Oak St. PL, Shrewsbury - Bruce deGraaf
 5/27 1 West Whately - Bill Benner, Joe Wicinski
 6/8 1 Arlington Heights - Lisa Wolfe
 6/12 1 Rowe - Mark Lynch, Sheila Carroll
 6/22 1 Williamsburg, Haydenville - Bill Callahan
 6/28 1 Hardwick - Wendy Howes, Alan Rawle
 7/3 3 S Berkshire NABA - Rene Wendell *et al.*
 7/4 36 C Franklin NABA - Mark Fairbrother *et al.*
 7/5 3 N Worcester NABA - Wendy Howes *et al.*
 7/10 3 Pikes Bridge Rd, Newbury - Matt Arey
 7/12 4 Truro NABA - Mark Faherty *et al.*
 7/15 2 Muddy Brook WMA, Hardwick - Wendy Howes, Elise Barry
 7/19 18 Northampton NABA - Mark Fairbrother *et al.*
 7/26 1 Cummington - Henry Chinaski
 7/30 5 FS WMA, Longmeadow - Bill Callahan
 8/5 1 Leverett - Sarah Lambdin
 8/8 10 Nasketucket Bay Reserve, Mattapoisett - Matt Arey, Michael Newton
 8/19 1 Adams Farm, W. Bridgewater - Don Adams
 8/28 1 Holliston - Richard Hildreth
 9/9 1 Ponkapoag Trail, Randolph - Virginia Holloway
 9/17 1 Holliston - Richard Hildreth
 9/24 1 Brookwood Farm, Canton - Stephen Baird

Mustard White

5/2 4 Berkshire County - Tom Gagnon
 5/22 11 Windsor - Callahan, Gagnon
 5/22 10 Berkshire County - Tom Gagnon
 6/21 4 Windsor - Bill & Nancy Callahan
 7/12 28 C Berkshire NABA - Tom Tynning *et al.*
 7/14 13 Windsor - Bill Callahan
 7/21 5 Windsor - Bill Callahan
 8/3 9 Windsor - Bill Callahan
 8/10 2 Windsor - Bill Callahan
 9/5 5 Windsor - Bill Callahan
 9/24 1 WMWS, Princeton - Fred Bouchard

West Virginia White

- 5/3 2 Williamstown - Pam Weatherbee
5/7 5 Reservoir Rd, Sunderland - Bill Callahan
5/16 8 North Adams, Mt. Greylock State Res. - Jeremy Coleman

Cabbage White

- 3/10 1 Holliston - Richard Hildreth
3/15 1 Tower Hill, Boylston - Dawn Vesey
3/21 1 West Whately - Bill Benner, Joe Wicinski
4/12 2 W Newbury - Bo Zaremba
4/29 4 Dunback Meadows, Lexington - Fred Bouchard
5/3 14 Holliston - Richard Hildreth
5/11 4 Arnold Arboretum, Boston - Lucy Merrill-Hills
5/15 13 Adams Farm, W. Bridgewater - Don Adams
5/20 10 Athol - Dave Small
6/6 5 Dubuque SF, Hawley - Mark Lynch, Sheila Carroll
6/20 18 N Essex NABA - Mark Rosenstein *et al.*
6/23 24 W Roxbury - Lucy Merrill-Hills
6/28 20 Boston Nature Center - Lucy Merrill-Hills
7/3 51 S Berkshire NABA - Rene Wendell *et al.*
7/4 150 C Franklin NABA - Mark Fairbrother *et al.*
7/5 153 N Berkshire NABA - Tom Tynning *et al.*
7/12 114 C Berkshire NABA - Tom Tynning *et al.*
7/13 2 Medford - Kin DeAndrade
7/18 5 MMP, Williamstown - Bill & Cara Callahan
7/19 156 Northampton NABA - Mark Fairbrother *et al.*
7/23 22 MMP, Williamstown - Tor Hansen
7/24 81 MBWMA, Newbury - Marjorie Watson
7/26 355 Brewster NABA - Joe Dwelly *et al.*
7/30 11 Adams Farm, W. Bridgewater - Don Adams
8/2 3 Holliston - Richard Hildreth
8/8 1 Tom Swamp, Petersham - Wendy Howes, Alan Rawle
8/13 12 Williamsburg - Bill & Cara Callahan
8/18 34 Northampton CG - Bill Callahan
8/21 16 Great Brook Farm, Carlisle - Fred Bouchard
8/25 38 Northampton CG - Bill Callahan
8/30 13 Adams Farm, W. Bridgewater - Don Adams

- 8/31 32 Boston Nature Center - Lucy Merrill-Hills
9/8 5 Holliston - Richard Hildreth
9/9 42 Florence Community Gardens - Bill Callahan
9/12 1 Fall River - Doug Hlousek
9/14 52 Northampton CG - Bill Callahan
9/15 50 Allston, Boston - Fred Bouchard
9/19 100 Arcadia WS, Easthampton - Rachel Bellenoit
9/25 35 Groton - Tom Murray
9/28 50 Appleton Farms, Ipswich - MBC trip
10/4 18 Dunback Meadows, Lexington - Fred Bouchard
10/10 1 New Salem - Sue Cloutier
10/18 4 Belmont - Fred Bouchard
10/22 2 Arnold Arboretum, Boston - Lucy Merrill-Hills
11/11 1 Marblehead - Karen Haley
11/21 2 Boston - Fred Bouchard

Clouded Sulphur

- 4/28 1 Leyden Road, Greenfield - Mark Fairbrother
4/29 2 Grafton - Martin St. Onge
5/2 1 NP - Marjorie Watson
5/3 7 Breakneck Hill Conservation Land, Southborough - Price, St. Onge
5/4 1 Montague Plains - Jeremy Coleman
5/8 2 Acton - Tom Whelan
5/14 12 Joppa Flats, Newburyport - Matt Arey
5/21 3 Oak St. PL, Shrewsbury - Bruce deGraaf
5/22 25 Templeton - Dave Small
5/27 24 Borden Colony, Raynham - Joe Dwelly
5/30 11 Moran WMA, Windsor - Bill Callahan
6/12 16 Rowe - Mark Lynch, Sheila Carroll
6/20 8 N Essex NABA - Mark Rosenstein *et al.*
6/28 14 Horseneck Beach, Westport - Fred Bouchard
7/3 224 S Berkshire NABA - Rene Wendell *et al.*
7/4 105 C Franklin NABA - Mark Fairbrother *et al.*
7/5 93 N Worcester NABA - Wendy Howes *et al.*
7/5 155 N Berkshire NABA - Tom Tynning *et al.*
7/9 16 Moran WMA, Windsor - Bill Callahan
7/12 195 C Berkshire NABA - Tom Tynning *et al.*

7/19 192 Northampton NABA - Mark Fairbrother *et al.*
 7/29 6 Adams Farm, W. Bridgewater - Don Adams
 8/6 40 Nasketucket Bay Reserve, Mattapoisett - Lauren Miller-Donnelly
 8/15 11 Graves Farm, Williamsburg - Bill Callahan
 8/18 1 Peru - John McDonald
 8/28 14 Florence Community Gardens - Bill Callahan
 9/3 26 Bullit TTOR, Ashfield - Bill Callahan
 9/5 49 AP Allens Neck, Dartmouth - MBC Trip
 9/12 400 AP Allens Neck, Dartmouth - MBC trip
 9/13 200 F&W Rte1, Newbury - Matt Arey
 9/17 100 Newbury - Bo Zaremba
 9/24 13 Petersham - Mark Lynch, Sheila Carroll
 9/26 200 Dartmouth - Bette Chew
 10/11 3 Andover, Lightning Tree Reservation - Howard Hoople
 10/22 10 AP Field Station, Dartmouth - Michael Newton
 11/6 1 Bart's Cobble, Sheffield - Jonathan Pierce
 11/8 1 Wilbraham - Danielle Desmarais
 11/10 4 Adams Farm, Walpole - Madeline Champagne
 11/16 1 Marshfield - Brian Cassie

Orange Sulphur

4/25 2 Marion - Andrew Griffith
 5/9 1 Fall River - Doug Hlousek
 5/14 2 Delaney WMA, Stow - Mark Rosenstein
 6/9 3 Rough Meadows WS, Rowley - Matt Arey
 6/20 6 Raynham - Andrew Griffith
 7/5 13 N Berkshire NABA - Tom Tynning *et al.*
 7/12 7 Blackstone Valley NABA - Tom Dodd *et al.*
 7/12 5 C Berkshire NABA - Tom Tynning *et al.*
 7/12 3 Truro NABA - Mark Faherty *et al.*
 7/19 18 Northampton NABA - Mark Fairbrother *et al.*
 7/26 6 Brewster NABA - Joe Dwelly *et al.*
 8/2 8 Borden Colony, Raynham - Joe Dwelly
 8/3 2 Windsor - Bill Callahan
 8/10 1 Boston Nature Center - Lucy Merrill-Hills
 8/10 3 Moran WMA, Windsor - Bill Callahan
 8/21 5 Concord - Garry & Annie Kessler

9/5 1 Hardwick - Lucy Allen
 9/5 10 AP Allens Neck, Dartmouth - MBC Trip
 9/12 35 AP Allens Neck, Dartmouth - MBC trip
 9/19 10 Heard Farm CA, Wayland - Fred Bouchard
 9/24 2 Holliston - Richard Hildreth
 10/1 5 Newbury - Bo Zaremba
 10/4 1 Dunback Meadows, Lexington - Fred Bouchard
 10/10 1 FS WMA, Longmeadow - Bill Callahan
 10/22 30 AP Field Station, Dartmouth - Michael Newton
 11/7 2 Dartmouth - Lauren Miller-Donnelly
 11/11 1 Adams Farm, W. Bridgewater - Don Adams

Cloudless Sulphur

8/13 1 Westport - Lauren Miller-Donnelly
 8/18 1 Thompson Fields, Harwich - Joe Dwelly
 8/21 1 Westport - Lauren Miller-Donnelly
 8/25 1 Wareham - Andrew Griffith
 9/12 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
 9/12 1 Bayberry Hills PL-Bike Path, Yarmouth - Joe Dwelly
 9/12 5 AP Field Station, Dartmouth - MAS trip
 9/12 2 AP Allens Neck, Dartmouth - MBC trip
 9/13 1 F&W Rte1, Newbury - Matt Arey
 9/13 1 Mt A, Cambridge - Fred Bouchard
 9/14 1 AP, Dartmouth - Garry & Annie Kessler
 9/14 5 AP Field Station, Dartmouth - MAS Trip
 9/14 3 Sylvan Nursery, Dartmouth - Garry & Annie Kessler
 9/14 1 Horseneck Beach, Westport - Garry & Annie Kessler
 9/23 2 Wareham - Andrew Griffith
 9/23 3 Dartmouth - Brian Cassie
 9/23 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
 9/25 1 Holliston - Richard Hildreth
 9/25 1 Wareham - Andrew Griffith
 9/27 1 Plum Island, Newbury - Matt Arey
 10/3 1 Sylvan Nursery, Dartmouth - Michael Newton, Andrew Griffith
 10/3 2 Dartmouth - Brian Cassie
 10/15 1 Wareham - Andrew Griffith
 10/18 1 Belmont - Fred Bouchard
 10/22 2 Sylvan Nursery, Dartmouth - Michael Newton

10/22 2 AP Field Station, Dartmouth - Michael
Newton
10/22 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills

Harvester

5/19 2 FS WMA, Longmeadow - Erin Hough
5/22 2 Mystic Lakes, Medford - Renee
LaFontaine
6/6 1 Windsor - Bill Callahan
6/8 1 GMNWR, Concord - Rosemary
Mosco
6/18 11 Mystic Lakes, Medford - Renee
LaFontaine
7/6 8 Mystic Lakes, Arlington - Renee
LaFontaine
7/6 5 Mystic Lakes, Medford - Renee
LaFontaine
7/11 1 Williamsburg, Haydenville - Bill
Callahan
7/16 2 FS WMA, Longmeadow - Erin Hough
8/2 1 FS WMA, Longmeadow - Erin Hough
8/9 2 FS WMA, Longmeadow - Bill
Callahan
8/20 4 FS WMA, Longmeadow - Bill
Callahan

American Copper

5/12 1 Wareham - Andrew Griffith
5/13 5 Ward Res, Andover - Howard Hoople
5/13 1 Little Mount Tom, Holyoke - Bill
Callahan
5/14 30 Joppa Flats, Newburyport - Matt
Arey
5/22 20 Montague Plains - Michael Newton
5/27 12 Borden Colony, Raynham - Joe
Dwelly
5/30 37 Maudslay SP, NP - Bo Zaremba
6/8 2 Dauphinis Park, Grafton - Marvin
St. Onge, Dolores Price
6/18 2 Ashfield - Jeremy Coleman
6/28 2 Horseneck Beach, Westport - Fred
Bouchard
7/4 26 C Franklin NABA - Mark Fairbrother
et al.
7/5 22 N Worcester NABA - Wendy Howes
et al.
7/10 25 Pikes Bridge Rd, Newbury - Matt
Arey
7/12 45 C Berkshire NABA - Tom Tynning
et al.
7/12 67 Truro NABA - Mark Faherty *et al.*
7/15 3 Muddy Brook WMA, Hardwick -
Wendy Howes, Elise Barry
7/18 2 Signal Hill, Canton - Lucy
Merrill-Hills
7/19 24 Northampton NABA - Mark
Fairbrother *et al.*

7/26 105 Brewster NABA - Joe Dwelly *et al.*
8/14 3 Danvers Meadow, Danvers - Lucy
Merrill-Hills
8/18 2 Northampton CG - Bill Callahan
9/4 3 Arnold Arboretum, Boston - Lucy
Merrill-Hills
9/12 1 Petersham - Mark Lynch, Sheila
Carroll
9/23 1 Wareham - Andrew Griffith
9/25 2 Shrewsbury - Bruce de Graaf
10/3 4 Arnold Arboretum, Boston - Lucy
Merrill-Hills
10/9 6 Harwich - Sharon Riley
10/11 2 Andover, Lightning Tree Reservation -
Howard Hoople
10/15 1 Shrewsbury - Bruce deGraaf
10/27 2 Arnold Arboretum, Boston - Lucy
Merrill-Hills

Bronze Copper

6/8 2 GMNWR, Concord - Rosemary
Mosco
6/12 3 FS WMA, Longmeadow - Bill
Callahan
6/15 2 GMNWR, Concord - Linda Graetz
6/20 2 N Essex NABA - Mark Rosenstein
et al.
6/23 1 W Roxbury - Lucy Merrill-Hills
8/21 3 Concord - Garry & Annie Kessler
8/31 9 Concord - Garry & Annie Kessler
9/13 5 Concord - Garry & Annie Kessler
9/13 1 F&W Rte1, Newbury - Matt Arey
9/25 1 Groton - Tom Murray
9/28 1 FS WMA, Longmeadow - Bill
Callahan
9/28 1 Appleton Farms, Ipswich - MBC trip

Bog Copper

7/4 897 C Franklin NABA - Mark
Fairbrother *et al.*
7/4 60 Tully Dam, Royalston - Garry &
Annie Kessler
7/4 46 Tully Dam, Royalston - Bill & Nancy
Callahan
7/5 20 Ashburnham - Dawn Vesey
7/12 25 Truro NABA - Mark Faherty *et al.*

Coral Hairstreak

7/11 1 Hatches Harbor, Provincetown - Tor
Hansen
6/28 1 MSSF, Plymouth - Rosemary Mosco
7/3 1 Ware - Bill & Nancy Callahan
7/4 4 C Franklin NABA - Mark Fairbrother
et al.
7/4 6 Oak St. PL, Shrewsbury - Bruce
deGraaf
7/5 13 N Berkshire NABA - Tom Tynning
et al.

7/6 12 Shrewsbury - Garry & Annie Kessler
 7/9 1 Raynham - Andrew Griffith
 7/12 3 Truro NABA - Mark Faherty *et al.*
 7/12 10 Oak St. PL, Shrewsbury - Bruce deGraaf
 7/12 2 Blackstone Valley NABA - Tom Dodd *et al.*
 7/12 19 C Berkshire NABA - Tom Tynin *et al.*
 7/21 4 Windsor - Bill Callahan
 7/23 2 Oak St. PL, Shrewsbury - Bruce deGraaf
 7/26 5 Brewster NABA - Joe Dwelly *et al.*

Acadian Hairstreak

7/12 2 C Berkshire NABA - Tom Tynning *et al.*

Edwards' Hairstreak

6/24 1 Long Point, W Tisbury - Matt Pelikan
 6/25 20 McDonald Nature Preserve, Wilbraham - Bill Callahan
 6/26 6 HPM, Woburn - Garry & Annie Kessler
 6/27 12 MSSF, Plymouth - Andrew Griffith
 6/28 10 MSSF, Plymouth - Rosemary Mosco
 7/2 20 McDonald Nature Preserve, Wilbraham - Bill Callahan
 7/2 6 Crane WMA, Falmouth - Joe Dwelly
 7/6 3 MSSF, Plymouth - Andrew Griffith
 7/7 1 Montague Plains - Jeremy Coleman
 7/10 2 MSSF, Plymouth - Andrew Griffith
 7/11 2 Crane WMA, Falmouth - Andrew Griffith
 7/12 3 Truro NABA - Mark Faherty *et al.*
 7/18 2 Falmouth NABA - Joe Dwelly *et al.*
 7/26 14 Brewster NABA - Joe Dwelly *et al.*

Banded Hairstreak

6/23 1 Champagne yard, Foxborough - Madeline Champagne
 6/23 3 Amherst - Josh Rose
 6/26 8 Mt. Tom State Reservation, Holyoke - Bill Callahan
 6/26 8 Carlisle Ave., Montague - Mark Fairbrother
 6/30 12 Montague Plains - Jeremy Coleman
 7/3 3 S Berkshire NABA - Rene Wendell *et al.*
 7/4 76 C Franklin NABA - Mark Fairbrother *et al.*
 7/4 20 Sherborn - Michael Newton
 7/5 12 Shrewsbury - Bruce de Graaf
 7/5 31 N Berkshire NABA - Tom Tynning *et al.*
 7/10 3 Pikes Bridge Rd, Newbury - Matt Arey
 7/12 3 Blackstone Valley NABA - Tom Dodd

et al.
 7/12 5 Shrewsbury - Bruce deGraaf
 7/24 1 Arlington Heights - Lisa Wolfe
 8/8 1 Williamsburg - Bill Callahan

Hickory Hairstreak

7/3 8 S Berkshire NABA - Rene Wendell *et al.*
 7/4 1 C Franklin NABA - Mark Fairbrother *et al.*
 7/5 5 N Berkshire NABA - Tom Tynning *et al.*
 7/8 1 Lakeview-Morse CA, Sharon - Madeline Champagne

Striped Hairstreak

6/26 1 HPM, Woburn - Garry & Annie Kessler
 6/28 1 Grafton - Dolores Price, Marvin St. Onge
 7/4 1 Old Town Hill, Newbury - Bo Zarembo
 7/4 1 Sherborn - Michael Newton
 7/5 1 N Berkshire NABA - Tom Tynning *et al.*
 7/6 1 MSSF, Plymouth - Andrew Griffith
 7/9 1 Muddy Brook WMA, Hardwick - Wendy Howes
 7/12 1 Truro NABA - Mark Faherty *et al.*
 7/12 1 Greenfield - Thurman Hart
 7/12 4 C Berkshire NABA - Tom Tynning *et al.*
 7/18 1 Sherborn - Yuichiro Nagatomo
 7/26 2 Brewster NABA - Joe Dwelly *et al.*
 8/9 1 Nasketucket Bay Reserve, Mattapoisett - Andrew Griffith

Oak Hairstreak

6/30 1 Harwich - Mark Faherty
 7/4 1 Arlington Heights - Lisa Wolfe
 7/11 1 Yarmouth - Joe Dwelly

Brown Elfin

4/6 1 Foxborough - Brian Cassie
 4/11 1 Correllus State Forest, West Tusbury - Matt Pelikan
 4/25 8 MSSF, Plymouth - Kessler, Reid & Moore
 5/2 14 Montague Plains - Bill Callahan
 5/5 29 MSSF, Plymouth - Moore, Dinius
 5/7 3 Hardwick - Mark Lynch, Sheila Carroll
 5/7 12 Montague Plains - Bill Callahan
 5/8 14 MSSF, Plymouth - Eamon Corbett

(continued on page 25)

Frosted Elfin/Wild Indigo Duskywing Fields in Foxboro - Our Thanks for the Help

by Brian Cassie

The open fields near and adjacent to Gavin's Pond at the Foxboro/Sharon town line have well-known populations of Frosted Elfins and Wild Indigo Duskywings, as well as a number of other butterflies. Over the last two years, a lot of work has been done to try to improve this habitat by making it easier for Wild Indigo, the larval food plant for the featured butterfly species, to survive and multiply.

The Foxboro Water Department and the Sharon Tree and Landscape Division of the town's department of public works have been important contributors to this work, by removing debris piles [consisting of pine needles, seventy White Pines, twenty Black Locusts, and 54,000 Sweetferns] that were cut or pulled from the fields.

The first habitat work done here was by Eagle Scout Tim Sweet of Foxboro, who worked on butterfly habitat restoration and improvement as his 2002 Eagle Scout project. The town conservation officer proclaimed the area a butterfly sanctuary upon completion of Tim's efforts.

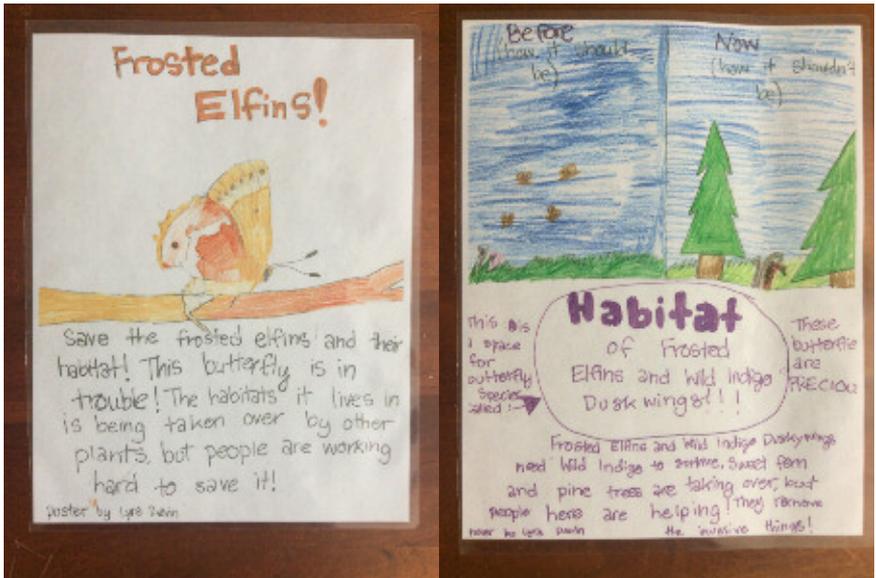
Plans are being formulated for a joint venture with Foxboro gardeners and the town conservation commission to develop a strip garden of nectar plants, to provide food for butterflies and still keep all but a very small strip of land intact, with original soil and host plant grasses and wildflowers.



Frosted Elfin (*Callophrys irus*),
6/5/20, Shrewsbury, MA,
Bruce deGraaf



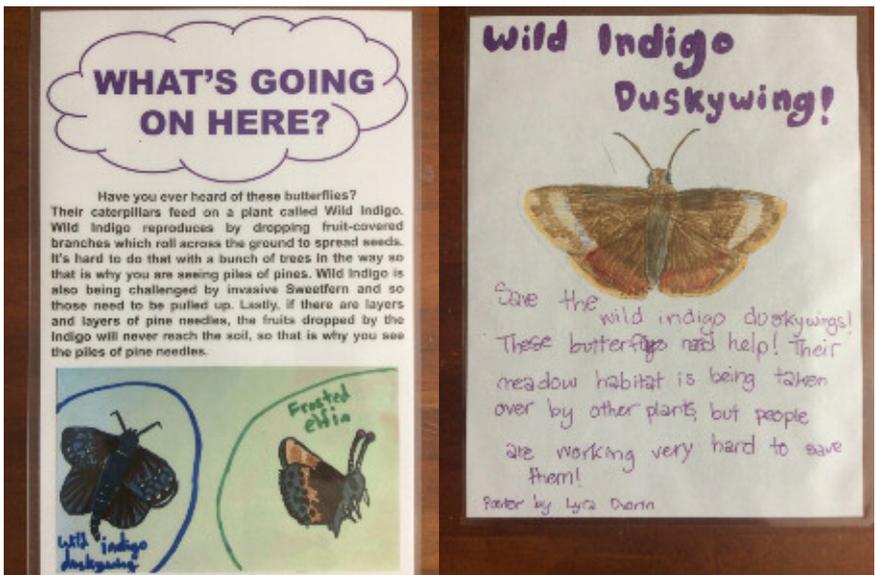
Wild Indigo Duskywing
(*Erynnis baptisiae*), 7/22/20,
Waltham, MA, Linda Graetz



Frosted Elfin/Wild Indigo Duskywing Fields in Foxboro

Two of my former students, fifth graders Margot Murphy-Hara and Lyra Dvorin, helped at the site and made some beautiful laminated posters to put up at the fields.

--Brian Cassie



Bronze Copper (*Lycaena hyllus*),
8/25/20, Groton, MA, Tom Murray



Red-banded Hairstreak (*Calycopis cecrops*), 8/24/20,
Boston, MA, Lucy Merrill-Hills



Acadian Hairstreak (*Satyrrium acadica*),
7/1/14, Berkshire
Co., Garry Kessler

Rare (and declining?)
in Massachusetts.
See Garry's article
about surveying for
this butterfly on p.5!



American Copper (*Lycaena phlaeas*),
8/22/20, North Brookfield, MA,
Alan Rawle



Hoary Elfin (*Callophrys polios*),
Plymouth, MA, 5/16/20,
Andrew Griffith

Long Dash
(*Polites mystic*),
9/7/20,
Belmont, MA,
Rosemary Mosco



Meadow Fritillary (*Boloria bellona*), 8/2/20,
Sheffield, MA, Michael Newton



Peck's Skipper
(*Polites peckius*), 6/17/20,
Sudbury, MA, Linda Graetz



Coral Hairstreak
(*Satyrium titus*)
7/11/20, Shrewsbury,
MA, Garry Kessler

Viceroy
(*Limenitis archippus*),
8/31/20, Arlington, MA,
Lisa Wolfe



Cobweb Skipper (*Hesperia metea*), 5/27/20,
Montague, MA, Mark Rosenstein





Bog Elfin (*Callophrys lanoraieensis*),
5/22/20, Worcester Co, MA, Michael Newton



Pearl Crescent (*Phyciodes tharos*),
unusually dark form; 9/20/20,
Groton, MA, Tom Murray



Black Swallowtail
(*Papilio polyxenes*), 7/10/20,
West Bridgewater, MA, Don Adams

Eastern Tailed Blue (*Everes comyntas*),
7/2020, Marshfield, MA, Susan Browne



Great
Spangled
Fritillary
(*Speyeria
cybele*),
7/7/20,
Lever-
ett, MA,
Bernie
Rubenstein



5/15 1 Crane WMA, Falmouth - Andrew Griffith
5/21 6 Ware River Watershed, Barre - Mark Lynch, Sheila Carroll

Hoary Elfin

4/25 3 Correllus State Forest, West Tisbury - Matt Pelikan
4/25 6 MSSF, Plymouth - Kessler, Reid & Moore
5/2 3 MSSF, Plymouth - Michael Newton
5/5 9 MSSF, Plymouth - Moore, Dinius
5/8 8 MSSF, Plymouth - Eamon Corbett
5/16 3 MSSF, Plymouth - Andrew Griffith

Frosted Elfin

4/23 1 MSSF, Plymouth - Joe Dwelly
4/29 3 Westfield - Bill Callahan
5/5 2 MSSF, Plymouth - Moore, Dinius
5/14 8 Lamson Rd, Foxborough - Madeline Champagne
5/19 30 Florence - Tom Gagnon
5/21 29 Florence - Bill Callahan
5/26 47 Lamson Rd, Foxborough - Madeline Champagne
5/31 1 Florence - Bill Callahan, Bill Benner
6/2 35 Lamson Rd, Foxborough - Madeline Champagne
6/5 3 Shrewsbury High School - Bruce deGraaf
6/8 2 Dauphinais Park, Grafton - Marvin St. Onge, Dolores Price
6/9 19 Lamson Rd, Foxborough - Madeline Champagne
6/16 6 Lamson Rd, Foxborough - Madeline Champagne

Henry's Elfin

4/12 1 Burma Road, Milton - Rosemary Mosco
4/25 1 Newbury - Matt Arey
4/29 1 HPM, Woburn - Kessler, Moore, Hoople
5/2 6 Burma Road, Milton - Lucy Merrill-Hills
5/3 1 Fountain Park, Wilbraham - Bill Callahan
5/3 1 Marlborough - Jason Forbes
5/7 3 Burma Road, Milton - Lucy Merrill-Hills
5/14 1 Fountain Park, Wilbraham - Bill Callahan
5/16 1 Burma Road, Milton - Lucy Merrill-Hills
5/22 3 Northern Worcester County - Garry Kessler

Bog Elfin

5/22 4 Northern Worcester County - Garry

Kessler
5/27 2 N Worcester NABA - Mark Rosenstein

Eastern Pine Elfin

4/6 1 Foxborough - Brian Cassie
4/25 2 MSSF, Plymouth - Kessler, Reid & Moore
4/25 1 Correllus State Forest, West Tisbury - Matt Pelikan
4/25 1 Montague Plains - Mark Fairbrother
5/3 6 Sudbury - Jason Forbes
5/5 7 MSSF, Plymouth - Moore, Dinius
5/7 2 Delaney WMA, Stow - Steve Moore
5/13 1 Amherst - Annie Vadeboncoeur
5/16 4 Yarmouth, Flax Pond - Joe Dwelly
5/20 8 Lamson Rd, Foxborough - Madeline Champagne
5/22 23 Northern Worcester County - Garry Kessler
5/22 20 Montague Plains - Michael Newton
5/27 2 N Worcester NABA - Mark Rosenstein
6/3 1 New Salem - Dave Small
6/6 2 Dubuque SF, Hawley - Mark Lynch, Sheila Carroll
6/14 1 Cummington - Thomas Farrington
6/17 2 Ware - Bill Callahan
6/17 1 Peru, Dorothy Rice Sanctuary - Gael Hurley

Juniper Hairstreak

5/20 3 HPM, Woburn - Howard Hoople
5/21 1 Little Mount Tom, Holyoke - Bill Callahan
5/22 4 Little Mount Tom, Holyoke - Bill Callahan
6/1 1 HPM, Woburn - Matt Arey
7/12 1 HPM, Woburn - Howard Hoople
7/16 1 HPM, Woburn - Garry & Annie Kessler
8/8 1 Nasketucket Bay Reserve, Mattapoisett - Matt Arey, Michael Newton

White M Hairstreak

5/30 1 MBWMA, Newbury - Matt Arey
7/18 1 Lake Wampanoag WS, Gardner - MBC Trip
8/8 1 Williamsburg - Bill Callahan

Gray Hairstreak

5/2 1 Montague Plains - Bill Callahan
5/16 1 Yarmouth, Flax Pond - Joe Dwelly
5/22 2 Montague Plains - Michael Newton
6/9 1 Rough Meadows WS, Rowley - Matt Arey
6/28 1 Belchertown - Elise Barry
7/4 3 Sherborn - Michael Newton
7/6 1 Somerset - Danielle Vaillancourt

7/10 10 Pikes Bridge Rd, Newbury - Matt Arey
 7/12 7 Blackstone Valley NABA - Tom Dodd *et al.*
 7/15 2 Muddy Brook WMA, Hardwick - Wendy Howes, Elise Barry
 7/18 65 Falmouth NABA - Joe Dwelly *et al.*
 7/31 3 Breakneck Hill Conservation Land, Southborough - Bruce deGraaf
 8/8 30 Crane WMA, Falmouth - Andrew Griffith
 8/14 1 Danvers Meadow, Danvers - Lucy Merrill-Hills
 8/23 1 Marion - Andrew Griffith
 8/30 1 West Whately - Bill Benner, Joe Wicinski
 8/30 7 BMB WS, Worcester - Bill & Nancy Callahan
 9/6 2 Myles Standish State For. Carver - Matt Arey
 9/12 1 Bayberry Hills PL-Bike Path, Yarmouth - Joe Dwelly
 9/13 4 F&W Rte1, Newbury - Matt Arey
 9/25 1 Shrewsbury - Bruce de Graaf
 10/3 1 AP Allens Neck, Dartmouth - Michael Newton, Andrew Griffith
 10/14 1 Northampton CG - Tom Gagnon

Red-banded Hairstreak

8/8 2 Nasketucket Bay Reserve, Mattapoissett - Matt Arey, Michael Newton
 8/22 1 FS WMA, Longmeadow - Ted Gilliland
 8/24 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
 8/26 1 AP Allens Neck, Dartmouth - Brian Cassie
 8/26 1 Borden Colony, Raynham - Jim Sweeney
 8/30 1 Franklin Park, Boston - Stephen Baird
 9/5 1 Rockport - Matt Arey
 9/5 10 AP Allens Neck, Dartmouth - MBC Trip
 9/6 2 AP, Dartmouth - Matt Arey
 9/7 1 Dartmouth - Andrew Griffith
 9/7 2 Arnold Arboretum, Boston - MBC trip
 9/12 1 East Harwich - Mark Faherty
 9/12 2 AP Allens Neck, Dartmouth - MBC trip
 9/18 1 Norfolk County - Katie Boss
 10/22 1 AP Field Station, Dartmouth - Michael Newton

Early Hairstreak

6/4 1 North Adams, Mt. Greylock State Res. - Tom Tynning

Eastern Tailed-Blue

4/25 3 Gill - Jeremy Coleman
 4/25 1 Correllus State Forest, West Tisbury - Matt Pelikan
 5/6 1 Oak St. PL, Shrewsbury - Bruce deGraaf
 5/14 2 Joppa Flats, Newburyport - Matt Arey
 5/15 1 Somerset - Danielle Vaillancourt
 5/17 2 Lamson Rd, Foxborough - Madeline Champagne
 5/22 1 Holliston - Richard Hildreth
 5/26 32 Lamson Rd, Foxborough - Madeline Champagne
 5/31 21 Crane WMA, Falmouth - Joe Dwelly
 6/8 1 Charlton - Nicole Giles
 6/23 1 Rowley - Bo Zaremba
 7/3 11 S Berkshire NABA - Rene Wendell *et al.*
 7/5 11 N Worcester NABA - Wendy Howes *et al.*
 7/7 5 Marion - Andrew Griffith
 7/12 18 C Berkshire NABA - Tom Tynning *et al.*
 7/18 41 Falmouth NABA - Joe Dwelly *et al.*
 7/19 44 Northampton NABA - Mark Fairbrother *et al.*
 7/24 1 Woodsom Farm, Amesbury - Marjorie Watson
 8/2 5 Sheffield - Matt Arey
 8/10 7 Moran WMA, Windsor - Bill Callahan
 8/17 16 BMB WS, Worcester - Garry & Annie Kessler
 8/23 6 Dauphinais Park, Grafton - Dolores Price, Marvin St. Onge
 8/31 5 Rough Meadows WS, Rowley - Bo Zaremba
 9/7 23 Oak St. PL, Shrewsbury - Bruce deGraaf
 9/12 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
 9/13 11 Dauphinais Park, Grafton - Dolores Price, Marvin St. Onge
 9/16 29 Shrewsbury - Bruce de Graaf
 9/24 4 Mt. Greylock SR, Lanesborough - Bill Callahan
 10/10 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
 10/11 1 Andover, Lightning Tree Reservation - Howard Hoople
 10/17 1 New Salem - Sue Cloutier
 10/24 1 Andover, Lightning Tree Reservation - Howard Hoople

Spring Azure

3/27 1 Dauphinais Park, Grafton - Moore, Kessler
 4/5 1 Franklin - Keith Shaw
 4/6 1 Ludlow, Stony Brook - Frank Bowry

4/8 1 Mt. Tom State Reservation,
Easthampton - Bruce King
4/12 11 Upton State Forest - Tom & Cathy
Dodd
4/19 1 Charlton - Nicole Giles
4/25 25 MSSF, Plymouth - Kessler, Reid &
Moore
4/25 1 Turners Falls - Jeremy Coleman
5/2 21 Burma Road, Milton - Lucy
Merrill-Hills
5/3 15 Tom Swamp, Petersham - Dave
Small
5/7 58 Burma Road, Milton - Lucy
Merrill-Hills
5/8 30 MSSF, Plymouth - Eamon Corbett
5/8 20 Acton - Tom Whelan
5/13 4 Lamson Rd, Foxborough - Madeline
Champagne
5/20 18 Burma Road, Milton - Lucy
Merrill-Hills
5/22 18 Windsor - Callahan, Gagnon
5/28 10 Ware River Watershed, Barre - Mark
Lynch, Sheila Carroll
5/31 1 Holliston - Richard Hildreth
6/6 6 Dubuque SF, Hawley - Mark Lynch,
Sheila Carroll
6/7 1 Ware River Watershed, Barre - Mark
Lynch, Sheila Carroll
6/14 4 Lime Kiln, Sheffield - Bill Callahan
6/21 2 Windsor - Bill & Nancy Callahan
7/5 2 Petersham - Mark Lynch, Sheila
Carroll

'Cherry Gall' Azure

5/20 1 Prospect Park, Shrewsbury - Bruce
deGraaf
5/22 1 Prospect Park, Shrewsbury - Bruce
deGraaf
5/25 1 Oak St. PL, Shrewsbury - Bruce
deGraaf
6/4 1 Norfolk - Brian Cassie

'Summer' Azure

5/30 2 MBWMA, Newbury - Matt Arey
6/15 1 BMB WS, Worcester - Garry & Annie
Kessler
6/25 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills
7/3 2 S Berkshire NABA - Rene Wendell
et al.
7/4 20 Sherborn - Michael Newton
7/5 4 N Berkshire NABA - Tom Tynning
et al.
7/12 8 C Berkshire NABA - Tom Tynning
et al.
7/21 14 Windsor - Bill Callahan
8/2 3 Sheffield - Matt Arey
8/8 5 Nasketucket Bay Reserve,

Mattapoissett - Matt Arey, Michael
8/20 1 Williamsburg Flower Hill Farm -
Carol Duke
8/30 1 BMB WS, Worcester - Bill & Nancy
Callahan
9/4 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills
9/12 2 Arnold Arboretum, Boston - Lucy
Merrill-Hills
9/12 1 AP Allens Neck, Dartmouth - MBC
trip

Silvery Blue

5/14 3 Delaney WMA, Stow - Garry Kessler
5/15 1 Holyoke - Erin Hough
5/15 1 Old Town Hill, Newbury - Matt Arey
5/20 8 McDonald Nature Preserve,
Wilbraham - Bill Callahan
5/27 3 Moran WMA, Windsor - Gael Hurley
5/29 1 McDonald Nature Preserve,
Wilbraham - Bill Callahan
5/31 10 Hennessey Property, Grafton -
Marvin St. Onge, Dolores Price
6/1 1 Ashfield - Jeremy Coleman
6/4 3 Moran WMA, Windsor - Bill Callahan
6/7 1 Hennessey Property, Grafton - Marvin
St. Onge, Dolores Price
6/18 1 Windsor - Tom Gagnon
7/23 4 MMP, Williamstown - Tor Hansen

Variigated Fritillary

7/14 1 Noquochoke Reserve, Dartmouth -
Andrew Griffith
9/12 1 Northampton CG - Tom Gagnon
9/13 10 F&W Rte1, Newbury - Matt Arey
9/14 1 Northampton CG - Bill Callahan
9/27 1 F&W Rte1, Newbury - Matt Arey

Great Spangled Fritillary

6/13 1 Quabbin, Petersham - Wendy Howes,
Alan Rawle
6/16 1 McDonald Nature Preserve,
Wilbraham - Bill Callahan
6/21 4 Windsor - Bill & Nancy Callahan
6/28 2 Northfield - Melissa Morgan-Oakes
7/1 2 Hardwick - Wendy Howes
7/2 17 MBWMA, Newbury - Marjorie
Watson
7/3 27 S Berkshire NABA - Rene Wendell
et al.
7/4 45 C Franklin NABA - Mark
Fairbrother *et al.*
7/5 12 N Worcester NABA - Wendy Howes
et al.
7/5 66 N Berkshire NABA - Tom Tynning
et al.
7/10 5 Pikes Bridge Rd, Newbury - Matt
Arey

7/12 24 C Berkshire NABA - Tom Tyning
et al.
 7/15 9 Muddy Brook WMA, Hardwick -
 Wendy Howes, Elise Barry
 7/18 19 MMP, Williamstown - Bill & Cara
 Callahan
 7/19 32 Northampton NABA - Mark
 Fairbrother *et al.*
 7/23 24 MMP, Williamstown - Tor Hansen
 8/1 1 Knightsville WMA, Huntington -
 Mark Lynch, Sheila Carroll
 8/8 14 Bullit TTOR, Ashfield - Bill Callahan
 8/13 3 Williamstown - Pam Weatherbee
 8/22 12 Petersham - Sandra Whaley
 8/28 4 Newbury - Bo Zaremba
 9/1 1 New Salem - Nancy Slator
 9/7 1 Shelburne - Jeff Boettner
 9/17 3 Windsor - Bill Callahan
 9/22 1 Amherst - Josh Rose
 9/25 1 West Whately - Bill Benner

Aphrodite Fritillary

6/17 1 Windsor - Gael Hurley
 6/28 1 Williamsburg Flower Hill Farm -
 Carol Duke
 7/5 8 Petersham - Mark Lynch, Sheila
 Carroll
 7/12 2 Petersham - Mark Lynch, Sheila
 Carroll
 7/13 1 Ashfield - Jeremy Coleman
 7/19 1 Williamsburg - Bill & Nancy Callahan
 8/1 1 Knightsville WMA, Huntington -
 Mark Lynch, Sheila Carroll
 8/14 1 West Whately - Bill Benner, Joe
 Wicinski
 8/28 2 Williamsburg Flower Hill Farm -
 Carol Duke
 9/6 3 Williamsburg Flower Hill Farm -
 Carol Duke

Atlantis Fritillary

6/18 2 Ashfield - Jeremy Coleman
 6/21 3 Windsor - Bill & Nancy Callahan
 7/5 44 N Berkshire NABA - Tom Tyning
et al.
 7/11 15 Windsor - Jeremy Coleman
 7/12 10 C Berkshire NABA - Tom Tyning
et al.
 7/13 1 Ashfield - Jeremy Coleman
 7/14 9 Windsor - Bill Callahan
 7/21 1 Windsor - Bill Callahan
 7/31 1 Warwick - Mark Lynch, Sheila Carroll
 8/8 2 Bullit TTOR, Ashfield - Bill Callahan
 8/10 2 Windsor - Bill Callahan
 8/19 1 Williamsburg - Bill Callahan

Silver-bordered Fritillary

5/15 1 FS WMA, Longmeadow - Bill

Callahan
 5/30 3 Windsor - Bill Callahan
 6/2 3 Freetown - July Lewis
 6/20 6 N Essex NABA - Mark Rosenstein
et al.
 7/4 6 C Franklin NABA - Mark Fairbrother
et al.
 7/19 6 Northampton NABA - Mark
 Fairbrother *et al.*
 7/31 1 West Whately - Bill Benner, Joe
 Wicinski
 8/3 13 Windsor - Bill Callahan
 8/28 8 Amherst, Macleod Field - Karl &
 Elise Barry
 9/13 30 F&W Rte1, Newbury - Matt Arey
 9/17 3 Windsor - Bill Callahan
 10/3 3 Newbury - Matt Arey

Meadow Fritillary

6/18 1 Windsor - Tom Gagnon
 7/3 8 S Berkshire NABA - Rene Wendell
et al.
 7/4 4 C Franklin NABA - Mark Fairbrother
et al.
 7/5 153 N Berkshire NABA - Tom Tyning
et al.
 7/8 5 Bullit TTOR, Ashfield - Bill Callahan
 8/2 12 Sheffield - Matt Arey
 8/8 1 Bullit TTOR, Ashfield - Bill Callahan
 8/13 2 Williamstown - Pam Weatherbee
 9/9 1 Franklin County - Chris LaRoche

Harris' Checkerspot

6/10 5 Shrewsbury High School - Bruce
 deGraaf
 6/16 1 Oak St. PL, Shrewsbury - Bruce
 deGraaf

Pearl Crescent

5/14 1 Dauphinais Park, Grafton - Dolores
 Price
 5/14 1 McDonald Nature Preserve,
 Wilbraham - Bill Callahan
 5/14 1 Saugus - Kirk Marshall
 5/20 3 Marion - Andrew Griffith
 5/22 14 Dauphinais Park, Grafton - Dolores
 Price, Martin St. Onge
 5/28 6 LPWS, Barnstable - Joe Dwelly
 5/30 15 MBWMA, Newbury - Matt Arey
 6/6 2 Windsor - Bill Callahan
 6/7 4 Hennessey Property, Grafton - Marvin
 St. Onge, Dolores Price
 6/13 10 BFD, Hubbardston - Karl Barry
 6/20 3 N Essex NABA - Mark Rosenstein
et al.
 7/12 7 Truro NABA - Mark Faherty *et al.*
 7/12 26 C Berkshire NABA - Tom Tyning
et al.

7/12 61 Blackstone Valley NABA - Tom
Dodd *et al.*
7/18 62 Falmouth NABA - Joe Dwelly *et al.*
7/19 70 LPWS, Barnstable - Joe Dwelly
7/19 281 Northampton NABA - Mark
Fairbrother *et al.*
7/23 40 MMP, Williamstown - Tor Hansen
7/26 291 Brewster NABA - Joe Dwelly *et al.*
8/2 50 Sheffield - Matt Arey
8/2 47 Maudslay SP, NP - Bo Zaremba
8/8 42 Bullit TTOR, Ashfield - Bill Callahan
8/25 45 Groton - Tom Murray
9/3 35 Old Town Hill, Newbury - Matt Arey
9/17 36 Newbury - Bo Zaremba
9/26 102 Groton Town Forest - Tom Murray
9/28 1 FS WMA, Longmeadow - Bill
Callahan
10/4 5 Dunback Meadows, Lexington - Fred
Bouchard
10/9 1 Harwich - Sharon Riley
10/10 1 MBWMA, Newbury - Bo Zaremba

Baltimore Checkerspot

6/17 1 Adams Farm, W. Bridgewater - Don
Adams
6/23 50 Upton - Garry & Annie Kessler
6/25 150 Grafton - Dolores Price, Wendy
Miller
6/28 200 Hennessey Property, Grafton -
Dolores Price, Marvin St. Onge
7/2 55 Crane WMA, Falmouth - Joe Dwelly
7/5 5 N Berkshire NABA - Tom Tynning
et al.
7/5 46 Grafton - Dolores Price, Marvin
St. Onge
7/7 2 Adams Farm, W. Bridgewater - Don
Adams
7/12 10 Blackstone Valley NABA - Tom
Dodd *et al.*
7/12 13 C Berkshire NABA - Tom Tynning
et al.
7/18 16 MMP, Williamstown - Bill & Cara
Callahan
7/18 13 Falmouth NABA - Joe Dwelly *et al.*
7/19 15 Northampton NABA - Mark
Fairbrother *et al.*

Question Mark

3/31 1 Lexington - Henrietta Yelle
5/2 1 Newton - Steve Moore
5/2 1 MSSF, Plymouth - Michael Newton
6/7 1 Amesbury - Kerrie Sesto
6/14 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills
7/5 1 N Worcester NABA - Wendy Howes
et al.
7/19 1 Northampton NABA - Mark
Fairbrother *et al.*

7/26 1 Brewster NABA - Joe Dwelly *et al.*
7/30 1 Oak Hill Cem., NP - Bo Zaremba
8/10 1 Boston Nature Center - Lucy
Merrill-Hills
10/14 1 Gloucester - Alyssa Benjamin

Eastern Comma

3/3 1 Bradley Palmer SP, Topsfield - Bo
Zaremba
3/9 3 Noon Hill Res, Medfield - Madeline
Champagne
3/9 1 Chicopee - Frank Bowrys
3/18 1 Easthampton - Bruce King
3/27 2 Burma Road, Milton - Stephen Baird
4/6 4 Belchertown - Elise Barry
4/12 1 Mt. Tom State Reservation,
Easthampton - Bruce King
4/19 1 Charlton - Nicole Giles
4/29 2 Southborough - Dawn Vesey
5/8 1 Acton - Tom Whelan
5/22 1 Montague Plains - Michael Newton
6/6 1 Windsor - Bill Callahan
6/21 1 Burma Road, Milton - Lucy
Merrill-Hills
7/4 5 C Franklin NABA - Mark Fairbrother
et al.
7/5 10 N Berkshire NABA - Tom Tynning
et al.
7/24 1 SF, Savoy - Bill Callahan
8/9 1 Forest Park, Springfield - Bill Callahan
10/11 1 Petersham - Dawn Vesey
11/5 1 Leyden Road, Greenfield - Mark
Fairbrother
11/21 1 Adams Farm, W. Bridgewater - Don
Adams

Gray Comma

6/4 1 Moran WMA, Windsor - Bill Callahan
6/6 1 Berkshire County - Jeremy Coleman
7/3 4 S Berkshire NABA - Rene Wendell
et al.
7/5 1 N Berkshire NABA - Tom Tynning
et al.
7/26 1 Bart's Cobble, Sheffield - Bill &
Nancy Callahan
8/5 1 Lime Kiln, Sheffield - Dawn Vesey

Compton Tortoiseshell

3/27 1 Elm Street, Medfield - Walt Webb
3/27 1 MHF, Sharon - Peter DeGennaro
9/24 1 West Whately - Bill Benner, Joe
Wicinski

Mourning Cloak

3/3 2 Northborough, Edmund Hill - Garry
Kessler, Steve Moore
3/3 1 Wrentham - Maureen Osolnik
3/5 1 Amherst - Josh Rose

3/18 5 Northborough, Edmund Hill - Steve Moore
 3/26 1 Pelham - Karl & Elise Barry
 3/27 6 Dauphinais Park, Grafton - Moore, Kessler
 3/27 1 West Whately - Tom Gagnon
 4/4 1 Orange - Dave Small
 4/6 3 Petersham - Dave Small
 4/6 5 MBWMA, Newbury - Bo Zarembo
 4/6 5 Burma Road, Milton - Lucy Merrill-Hills
 4/12 1 Mt. Tom State Reservation, Easthampton - Bruce King
 4/14 7 Burma Road, Milton - Merrill-Hills, Moore
 4/23 2 Montague Plains - Bill Callahan
 4/25 7 New Salem - Ron & Sue Cloutier
 4/29 1 Southborough - Dawn Vesey
 5/2 2 Tolland State Forest - Mo O'Connor
 5/4 3 Shrewsbury - Bruce de Graaf
 5/8 1 MBWMA, Newbury - Bo Zarembo
 5/14 1 Charlton - Nicole Giles
 5/20 2 Belchertown - Elise & Karl Barry
 5/22 1 Montague Plains - Michael Newton
 5/30 3 Pratt Hill, Upton - Tom Dodd
 6/21 2 Windsor - Bill & Nancy Callahan
 7/5 2 N Berkshire NABA - Tom Tynning *et al.*
 7/30 1 Oak Hill Cem., NP - Bo Zarembo
 9/5 2 Rockport - Matt Arey
 9/13 1 Rough Meadows WS, Rowley - Matt Arey
 9/24 1 Holliston - Richard Hildreth
 9/25 1 Shrewsbury - Bruce de Graaf
 10/1 1 Sherborn - Michael Newton
 10/3 1 Sylvan Nursery, Dartmouth - Michael Newton, Andrew Griffith
 11/21 1 Paxton - Christy Barnes

Milbert's Tortoiseshell

3/15 1 W Meadows, Northampton - Harvey Allen
 6/13 1 Ware - Brian Klassanos
 6/13 1 Easthampton - Bruce King
 6/13 1 Florence - Tom Gagnon
 7/5 2 N Berkshire NABA - Tom Tynning *et al.*
 7/26 1 Mt. Greylock State Forest, Williamstown - Jonathan Pierce
 7/27 1 North Adams, Mt. Greylock State Res. - Gael Hurley
 9/7 1 Shelburne - Jeff Boettner

American Lady

4/14 1 Bellingham - Madeline Champagne
 4/23 1 MSSF, Plymouth - Joe Dwelly
 4/29 1 Carver - Mike Perrin
 5/3 1 Florence - Tom Gagnon
 5/8 2 MSSF, Plymouth - Eamon Corbett

5/15 3 Plum Island Airport, NP - Matt Arey
 5/22 5 Montague Plains - Michael Newton
 6/9 1 McDonald Nature Preserve, Wilbraham - Bill Callahan
 6/15 1 Champagne yard, Foxborough - Madeline Champagne
 6/26 3 Crane WMA, Falmouth - Andrew Griffith
 7/5 1 N Berkshire NABA - Tom Tynning *et al.*
 7/18 6 Falmouth NABA - Joe Dwelly *et al.*
 8/1 1 Mount Sugarloaf, Deerfield - Elise & Karl Barry
 8/8 1 Crane WMA, Falmouth - Andrew Griffith
 8/18 1 Plymouth - Robin Gross
 8/26 1 Marblehead - Karen Haley
 9/5 5 Rockport - Matt Arey
 9/13 2 Arlington Heights - Lisa Wolfe
 9/28 1 Arnold Arboretum, Boston - Stephen Baird
 10/3 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
 10/10 1 Holliston - Richard Hildreth
 10/22 8 Sylvan Nursery, Dartmouth - Michael Newton
 11/11 1 Marblehead - Karen Haley
 11/21 1 Falmouth - Greg Hirth

Painted Lady

4/19 1 Williamstown - Pam Weatherbee
 4/23 1 MSSF, Plymouth - Joe Dwelly
 5/15 1 Plum Island Airport, NP - Matt Arey
 6/1 5 HPM, Woburn - Matt Arey
 6/19 1 NCM, Petersham - Bill & Cara Callahan
 7/12 1 C Berkshire NABA - Tom Tynning *et al.*
 7/19 1 Northampton NABA - Mark Fairbrother *et al.*
 8/17 1 Great Meadow, Arlington - Lisa Wolfe
 8/26 2 Newbury, Tendercrop Farm - Lucy Merrill-Hills
 9/10 1 Adams Farm, W. Bridgewater - Don Adams
 9/17 1 Newbury - Bo Zarembo
 10/2 1 Wareham - Andrew Griffith
 10/22 3 Sylvan Nursery, Dartmouth - Michael Newton
 11/16 1 Marshfield - Brian Cassie

Lady Species

9/16 1 Dunback Meadows, Lexington - Fred Bouchard

Red Admiral

4/4 1 Quincy - Steven Whitebread
 4/6 1 West Whately - Tom Gagnon

4/12 1 Upton State Forest - Tom & Cathy
Dodd
4/25 1 MSSF, Plymouth - Kessler, Reid &
Moore
5/2 1 MSSF, Plymouth - Michael Newton
5/17 4 Charlton - Nicole Giles
5/21 2 Rauscher Farm, Clinton - Dolores
Price, Marvin St. Onge
5/25 2 Prospect Park, Shrewsbury - Bruce
deGraaf
5/30 1 Moran WMA, Windsor - Bill Callahan
6/14 1 Holliston - Richard Hildreth
6/20 1 N Essex NABA - Mark Rosenstein
et al.
7/4 3 C Franklin NABA - Mark Fairbrother
et al.
7/5 2 N Berkshire NABA - Tom Tynning
et al.
7/12 4 C Berkshire NABA - Tom Tynning
et al.
7/26 1 Brewster NABA - Joe Dwelly *et al.*
8/3 1 Peaked Mt., Monson - Erin Hough
8/15 1 Longmeadow - Chris Gill
8/25 1 S Deerfield, Deerfield - Jocelyn
Cahoon
10/10 1 Belmont - Fred Bouchard
10/22 1 Sylvan Nursery, Dartmouth - Michael
Newton
11/21 1 Falmouth - Greg Hirth

Common Buckeye

5/14 1 Joppa Flats, Newburyport - Matt Arey
5/30 1 MBWMA, Newbury - Matt Arey
6/12 2 Montague Plains - Jeremy Coleman
6/23 1 Lakeville - Sally Spooner
7/18 1 MMP, Williamstown - Bill & Cara
Callahan
8/21 4 Concord - Garry & Annie Kessler
9/6 12 AP, Dartmouth - Matt Arey
9/13 5 F&W Rte1, Newbury - Matt Arey
9/14 10 AP Field Station, Dartmouth - MAS
Trip
9/19 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills
9/26 1 Groton Town Forest - Tom Murray
10/1 3 Newbury - Bo Zaremba
10/14 1 Southwick - Moe O'Connor
10/22 1 Shelburne Falls - Jeremy Coleman
10/22 3 AP Field Station, Dartmouth - Michael
Newton
11/7 1 Dartmouth - Lauren Miller-Donnelly

White Admiral

6/7 1 Greenfield - Thurman Hart
6/13 4 Warwick - Dave Small
7/5 14 N Berkshire NABA - Tom Tynning
et al.
8/10 1 Salem - Maryellen Dolan

8/26 1 Colrain - Frank Bowrys

Red-spotted Purple

5/22 1 Dauphinis Park, Grafton - Dolore
Price, Martin St. Onge
5/24 1 Wilbraham, Altons Way Trail - Erin
Hough
6/5 1 Burrage WMA, Halifax - Susan
Browne
6/8 4 MBWMA, Newbury - Michael
Newton
6/12 1 Williamstown - Pan Weatherbee
6/13 18 Erving State Forest - Mark Lynch,
Sheila Carroll
6/13 15 Warwick - Dave Small
6/17 1 Peru, Dorothy Rice Sanctuary - Gael
Hurley
6/21 5 Windsor - Bill & Nancy Callahan
7/3 3 S Berkshire NABA - Rene Wendell
et al.
7/4 10 C Franklin NABA - Mark Fairbrother
et al.
7/5 18 N Berkshire NABA - Tom Tynning
et al.
7/12 10 C Berkshire NABA - Tom Tynning
et al.
7/18 1 HPM, Woburn - Howard Hoople
7/26 6 Brewster NABA - Joe Dwelly *et al.*
7/31 16 Warwick - Mark Lynch, Sheila
Carroll
8/6 1 Hatfield - Allyn Gieryk
8/10 1 Salem - Maryellen Dolan
8/19 11 Otter River SF, Winchendon - Mark
Lynch, Sheila Carroll
8/25 1 Groton - Tom Murray
9/5 1 Southwick - Daniel Barna
9/16 1 Newbury, Tendercrop Farm - Lucy
Merrill-Hills
10/3 1 Holliston - Richard Hildreth

Viceroy

5/30 1 Hampden - Erin Hough
5/31 1 MBWMA, Newbury - Marjorie
Watson
6/4 1 Orange - Pan Wilson
6/8 8 MBWMA, Newbury - Michael
Newton
6/16 4 Oak St. PL, Shrewsbury - Bruce
deGraaf
6/23 1 Rowley - Bo Zaremba
6/26 1 Crane WMA, Falmouth - Andrew
Griffith
7/4 3 C Franklin NABA - Mark Fairbrother
et al.
7/12 4 C Berkshire NABA - Tom Tynning
et al.
7/19 17 Northampton NABA - Mark
Fairbrother *et al.*

7/24 1 MBWMA, Newbury - Marjorie
Watson
7/30 1 Shrewsbury - Bruce de Graaf
8/8 15 Nasketucket Bay Reserve,
Mattapoisett - Matt Arey, Michael
8/13 3 Hadley - Sarah Lambdin
8/20 1 Grafton - Dolores Price, Marvin
St. Onge
8/28 1 Hardwick - Wendy Howes
9/5 1 Rock Meadow, Belmont - Laura
Ferraguto
9/14 10 Sylvan Nursery, Dartmouth - Garry
& Annie Kessler
9/17 1 Windsor - Bill Callahan
9/26 3 Hennessey Property, Grafton - Price,
St. Onge, Miller
10/3 1 Joppa Flats, Newburyport - Matt Arey
10/4 1 Dunback Meadows, Lexington - Fred
Bouchard

Hackberry Emperor

8/2 1 Sheffield - Matt Arey
8/9 6 Forest Park, Springfield - Bill Callahan
8/14 1 Forest Park, Springfield - Garry &
Annie Kessler
8/17 1 Forest Park, Springfield - Bill
Callahan

Tawny Emperor

7/3 2 S Berkshire NABA - Rene Wendell
et al.
7/19 2 Northampton NABA - Mark
Fairbrother *et al.*
8/7 1 Arcadia WS, Easthampton - Bill
Callahan
8/13 1 Northampton CG - Tom Gagnon

Northern Pearly-Eye

6/28 1 Medfield - Erik Nielsen
6/28 3 Women's SF, Petersham - Wendy
Howes, Alan Rawle
6/30 1 Montague Plains - Jeremy Coleman
7/3 5 S Berkshire NABA - Rene Wendell
et al.
7/4 2 Sherborn - Michael Newton
7/5 5 N Berkshire NABA - Tom Tynning
et al.
7/9 3 South Gulf Rd., Belchertown - Elise
Barry
7/19 2 Northampton NABA - Mark
Fairbrother *et al.*
7/21 4 Windsor - Bill Callahan
8/5 1 Williamsburg - Bill Callahan
8/8 1 Bullit TTOR, Ashfield - Bill Callahan
8/19 1 Otter River SF, Winchendon - Mark
Lynch, Sheila Carroll

Eyed Brown

6/22 1 Norfolk - Brian Cassie

7/3 3 Ware River Watershed, Barre - Mark
Lynch, Sheila Carroll
7/3 1 S Berkshire NABA - Rene Wendell
et al.
7/4 9 C Franklin NABA - Mark Fairbrother
et al.
7/9 3 Moran WMA, Windsor - Bill Callahan
7/12 8 C Berkshire NABA - Tom Tynning
et al.
7/12 5 Berkshire County - Gael Hurley
7/21 2 Windsor - Bill Callahan
7/29 1 Belmont - Fred Bouchard
8/13 1 Petersham - Mark Lynch, Sheila
Carroll

Appalachian Brown

6/8 1 FS WMA, Longmeadow - Bill
Callahan
6/22 1 Norfolk - Brian Cassie
6/30 8 Slocum River Preserve, Dartmouth -
Fred Bouchard
7/3 8 S Berkshire NABA - Rene Wendell
et al.
7/4 13 C Franklin NABA - Mark Fairbrother
et al.
7/5 21 N Berkshire NABA - Tom Tynning
et al.
7/8 1 Mansfield - Jim Borrebach
7/12 13 C Berkshire NABA - Tom Tynning
et al.
7/12 19 Truro NABA - Mark Faherty *et al.*
7/12 9 Blackstone Valley NABA - Tom Dodd
et al.
7/19 6 Northampton NABA - Mark
Fairbrother *et al.*
7/24 5 W Newbury - Bo Zaremba
8/6 4 Harvard Pond, Petersham - Wendy
Howes, Alan Rawle
8/20 2 FS WMA, Longmeadow - Bill
Callahan
8/23 2 FS WMA, Longmeadow - Jeremy
Coleman
9/5 1 Rockport - Matt Arey

Little Wood-Satyr

5/28 1 Montague Plains - Bill Callahan
5/30 12 Amherst - Josh Rose
5/30 1 MBWMA, Newbury - Matt Arey
6/1 20 HPM, Woburn - Matt Arey
6/3 1 Lamson Rd, Foxborough - Madeline
Champagne
6/7 29 Ware River Watershed, Barre - Mark
Lynch, Sheila Carroll
6/9 10 Riis Hill DCR, Barre - Wendy Howes
6/13 20 Quabbin, Petersham - Wendy Howes,
Alan Rawle
6/20 12 N Essex NABA - Mark Rosenstein
et al.

- 6/23 1 Royalston - Carl Kamp
6/27 9 Thompson Fields, Harwich - Joe Dwelly
6/28 1 Williamsburg Flower Hill Farm - Carol Duke
6/28 3 LPWS, Barnstable - Joe Dwelly
7/2 30 BMB WS, Worcester - Dolores Price & Marvin St. Onge
7/3 21 S Berkshire NABA - Rene Wendell *et al.*
7/4 30 Sherborn - Michael Newton
7/4 24 C Franklin NABA - Mark Fairbrother *et al.*
7/4 3 Laughing Brook WS, Hampden - Erin Hough
7/5 43 N Worcester NABA - Wendy Howes *et al.*
7/5 30 Arnold Arboretum, Boston - Lucy Merrill-Hills
7/7 6 Quabbin Park, Belchertown - Rachel Bellenoit
7/8 12 Lakeview-Morse CA, Sharon - Madeline Champagne
7/9 35 Arnold Arboretum, Boston - Lucy Merrill-Hills
7/12 3 Truro NABA - Mark Faherty *et al.*
7/12 19 Blackstone Valley NABA - Tom Dodd *et al.*
7/12 6 Chesterfield - Wendy Howes, Alan Rawle
7/15 4 Williamsburg Flower Hill Farm - Carol Duke
7/19 13 Northampton NABA - Mark Fairbrother *et al.*
7/23 21 Hardwick - Mark Lynch, Sheila Carroll
7/26 1 Bart's Cobble, Sheffield - Bill & Nancy Callahan
8/6 1 Nasketucket Bay Reserve, Mattapoisett - Lauren Miller-Donnelly
- Common Ringlet**
5/20 3 McDonald Nature Preserve, Wilbraham - Bill Callahan
5/21 1 Rauscher Farm, Clinton - Dolores Price, Marvin St. Onge
5/26 10 Turkey Hill, Hingham - Tom Dodd
5/29 41 McDonald Nature Preserve, Wilbraham - Bill Callahan
5/30 50 Maudslay SP, NP - Bo Zaremba
5/31 15 Ward Res, Andover - Howard Hoople
6/3 10 New Salem - Dave Small
6/6 5 Dubuque SF, Hawley - Mark Lynch, Sheila Carroll
6/9 200 Riis Hill DCR, Barre - Wendy Howes
6/12 12 Montague Plains - Jeremy Coleman
- 6/13 342 BFD, Hubbardston - Karl Barry
6/13 115 Maudslay SP, NP - Bo Zaremba
6/19 12 NCM, Petersham - Bill & Cara Callahan
7/5 26 N Berkshire NABA - Tom Tynning *et al.*
7/19 4 Northampton NABA - Mark Fairbrother *et al.*
7/26 2 Lime Kiln, Sheffield - Bill & Nancy Callahan
7/29 25 Belmont - Fred Bouchard
7/31 100 Breakneck Hill Conservation Land, Southborough - Bruce deGraaf
8/6 46 Lime Kiln, Sheffield - Bill Callahan
8/9 100 High Ridge WMA, Westminster - MBC Trip
8/19 12 Bullit TTOR, Ashfield - Bill Callahan
8/22 10 Wendmuth Meadow, N. Brookfield - MBC Trip
9/13 4 F&W Rte1, Newbury - Matt Arey
10/1 1 Lexington - Jason Forbes
10/3 3 Joppa Flats, Newburyport - Matt Arey
- Common Wood-Nymph**
7/3 41 S Berkshire NABA - Rene Wendell *et al.*
7/4 4 Sherborn - Michael Newton
7/5 42 N Berkshire NABA - Tom Tynning *et al.*
7/6 2 Monson - Erin Haugh
7/7 21 Elf Meadow CA, Amherst - Elise & Karl Barry
7/10 2 Pikes Bridge Rd, Newbury - Matt Arey
7/12 111 C Berkshire NABA - Tom Tynning *et al.*
7/12 100 Blackstone Valley NABA - Tom Dodd *et al.*
7/18 150 Falmouth NABA - Joe Dwelly *et al.*
7/19 110 Northampton NABA - Mark Fairbrother *et al.*
7/24 17 Woodsom Farm, Amesbury - Marjorie Watson
7/26 38 Brewster NABA - Joe Dwelly *et al.*
8/1 20 NCM, Petersham - MBC Trip
8/5 2 Gloucester - Tom Dodd
8/8 38 Bullit TTOR, Ashfield - Bill Callahan
8/15 2 Hennessey Property, Grafton - Dolores Price, Marvin St. Onge
8/22 3 Adams Farm, W. Bridgewater - Don Adams
8/30 2 Ware River Watershed, Barre - Mark Lynch, Sheila Carroll
9/3 3 Old Town Hill, Newbury - Matt Arey
9/6 2 Myles Standish State For. Carver - Matt Arey
9/11 1 Bullit TTOR, Ashfield - Bill Callahan

Monarch

- 5/22 1 Adams Farm, W. Bridgewater - Don Adams
5/29 1 Northampton - Tom Mangan
6/14 1 Lime Kiln, Sheffield - Bill Callahan
6/22 1 Grafton - Garry & Annie Kessler
7/1 1 Hull - Lori Kiesel Wolfe
7/3 9 S Berkshire NABA - Rene Wendell *et al.*
7/4 13 C Franklin NABA - Mark Fairbrother *et al.*
7/5 13 N Berkshire NABA - Tom Tynning *et al.*
7/12 18 Blackstone Valley NABA - Tom Dodd *et al.*
7/12 41 C Berkshire NABA - Tom Tynning *et al.*
7/16 23 Borden Colony, Raynham - Joe Dwelly
7/18 15 Falmouth NABA - Joe Dwelly *et al.*
7/19 79 Northampton NABA - Mark Fairbrother *et al.*
7/24 3 Moran WMA, Windsor - Bill Callahan
7/26 76 Brewster NABA - Joe Dwelly *et al.*
8/2 23 Borden Colony, Raynham - Joe Dwelly
8/9 13 High Ridge WMA, Westminster - MBC Trip
8/15 1 Granby - Erica Schwalm
8/18 12 Northampton CG - Bill Callahan
8/22 4 Arlington Heights - Lisa Wolfe
8/30 11 Hennessey Property, Grafton - Dolores Price, Marvin St. Onge
9/5 10 Rockport - Matt Arey
9/6 14 Williamsburg Flower Hill Farm - Carol Duke
9/12 24 AP Allens Neck, Dartmouth - MBC trip
9/15 25 SBSR - John Sullivan
9/23 53 Dartmouth - Brian Cassie
9/27 40 Newbury - Matt Arey
10/3 96 Dartmouth - Brian Cassie
10/10 23 Northampton CG - Bill Callahan
10/19 1 E Longmeadow - Deborah Bentley
10/19 6 Race Point, Provincetown - Jeremy Coleman
10/22 20 AP Field Station, Dartmouth - Michael Newton
10/27 2 Morris Island, Chatham - Josh Rose
11/7 4 Dartmouth - Lauren Miller-Donnelly

Silver-spotted Skipper

- 5/21 1 Little Mount Tom, Holyoke - Bill Callahan
5/29 1 MBWMA, Newbury - Fred Bouchard
6/8 10 FS WMA, Longmeadow - Bill Callahan

- 6/12 16 Montague Plains - Jeremy Coleman
6/14 13 Leicester - Dolores Price, Marvin St. Onge
6/30 10 Amherst - Josh Rose
7/3 57 S Berkshire NABA - Rene Wendell *et al.*
7/4 10 New Salem - Garry & Annie Kessler
7/4 269 C Franklin NABA - Mark Fairbrother *et al.*
7/5 61 N Worcester NABA - Wendy Howes *et al.*
7/5 46 N Berkshire NABA - Tom Tynning *et al.*
7/12 35 Blackstone Valley NABA - Tom Dodd *et al.*
7/12 84 C Berkshire NABA - Tom Tynning *et al.*
7/12 27 Truro NABA - Mark Faherty *et al.*
7/15 19 Graves Farm, Williamsburg - Bill Callahan
7/19 151 Northampton NABA - Mark Fairbrother *et al.*
7/19 225 Leicester - MBC Trip
7/23 65 MMP, Williamstown - Tor Hansen
7/26 12 Brewster NABA - Joe Dwelly *et al.*
8/2 12 Sheffield - Matt Arey
8/11 26 Florence Community Gardens - Bill Callahan
8/20 1 Ashley Pond, Holyoke - Erin Hough
8/26 1 Newbury, Tendercrop Farm - Lucy Merrill-Hills
9/4 2 Arnold Arboretum, Boston - Lucy Merrill-Hills
9/7 4 Arnold Arboretum, Boston - MBC trip
9/9 10 Florence Community Gardens - Bill Callahan
9/13 1 Rough Meadows WS, Rowley - Matt Arey
9/27 1 Northampton CG - Bill Callahan
10/1 1 Concord - Fred Bouchard

Long-tailed Skipper

- 9/9 1 Wareham - Andrew Griffith
9/25 1 Wareham - Andrew Griffith
10/3 1 Sylvan Nursery, Dartmouth - Michael Newton, Andrew Griffith

Hoary Edge

- 6/12 1 Montague Plains - Jeremy Coleman
6/15 1 Montague Plains - Frank Bowrys
6/15 9 BMB WS, Worcester - Garry & Annie Kessler
6/24 1 Montague Plains - Jeremy Coleman
6/25 9 BMB WS, Worcester - Garry & Annie Kessler
7/4 1 Oak St. PL, Shrewsbury - Bruce deGraaf

- 7/4 7 C Franklin NABA - Mark Fairbrother
et al.
7/10 1 Shrewsbury - Bruce de Graaf
7/13 1 Belchertown - Elise Barry

Southern Cloudywing

- 6/1 1 HPM, Woburn - Matt Arey
6/4 2 Crane WMA, Falmouth - Andrew
Griffith
6/12 1 Montague Plains - Jeremy Coleman
6/15 2 BMB WS, Worcester - Garry & Annie
Kessler
6/20 3 MSSF, Plymouth - Andrew Griffith
6/21 1 Oak St. PL, Shrewsbury - Bruce
deGraaf
6/25 2 McDonald Nature Preserve,
Wilbraham - Bill Callahan
6/26 3 Crane WMA, Falmouth - Andrew
Griffith
6/28 1 MSSF, Plymouth - Rosemary Mosco
7/4 2 C Franklin NABA - Mark Fairbrother
et al.

Northern Cloudywing

- 5/29 4 McDonald Nature Preserve,
Wilbraham - Bill Callahan
5/31 1 Crane WMA, Falmouth - Joe Dwelly
5/31 2 Hennessey Property, Grafton - Marvin
St. Onge, Dolores Price
6/1 8 HPM, Woburn - Matt Arey
6/2 1 Crane WMA, Falmouth - Joe Dwelly
6/5 1 Ashfield - Jeremy Coleman
6/9 14 McDonald Nature Preserve,
Wilbraham - Bill Callahan
6/15 4 BMB WS, Worcester - Garry & Annie
Kessler
6/17 2 Hinsdale - Gael Hurley
6/17 5 BMB WS, Worcester - Bo Zaremba
6/25 3 McDonald Nature Preserve,
Wilbraham - Bill Callahan
7/2 5 McDonald Nature Preserve,
Wilbraham - Bill Callahan
7/4 2 C Franklin NABA - Mark Fairbrother
et al.

Dreamy Duskywing

- 5/2 1 MSSF, Plymouth - Michael Newton
5/14 1 Delaney WMA, Stow - Mark
Rosenstein
5/22 2 Shrewsbury High School - Bruce
deGraaf
5/22 8 Montague Plains - Michael Newton
5/24 1 Oak St. PL, Shrewsbury - Bruce
deGraaf
5/27 1 Hinsdale - Gael Hurley
5/28 1 Montague Plains - Bill Callahan
5/30 1 MBWMA, Newbury - Matt Arey
6/12 1 Oak St. PL, Shrewsbury - Bruce

- deGraaf
6/17 2 BMB WS, Worcester - Dolores Price,
Marvin St. Onge

Sleepy Duskywing

- 5/2 1 MSSF, Plymouth - Rosemary Mosco
5/5 6 MSSF, Plymouth - Moore, Dinius
5/15 3 Crane WMA, Falmouth - Andrew
Griffith
5/31 1 BMB WS, Worcester - Garry Kessler

Juvenal's Duskywing

- 4/23 1 MSSF, Plymouth - Joe Dwelly
4/25 1 Montague Plains - Mark Fairbrother
4/28 1 McDonald Nature Preserve,
Wilbraham - Bill Callahan
5/3 3 Sudbury - Jason Forbes
5/4 12 Montague Plains - Jeremy Coleman
5/5 10 MSSF, Plymouth - Moore, Dinius
5/12 1 Westborough - Ken Prince
5/14 2 Delaney WMA, Stow - Mark
Rosenstein
5/15 1 Lamson Rd, Foxborough - Madeline
Champagne

- 5/16 1 Yarmouth, Flax Pond - Joe Dwelly
5/20 32 Montague Plains - Jeremy Coleman
5/22 25 Montague Plains - Michael Newton
5/27 1 Hinsdale - Gael Hurley
5/30 2 Athol - Dave Small
5/31 2 Crane WMA, Falmouth - Joe Dwelly
6/1 3 HPM, Woburn - Matt Arey
6/14 1 Montague Plains - Jeremy Coleman
6/16 1 MSSF, Plymouth - Andrew Griffith

Horace's Duskywing

- 7/10 2 MSSF, Plymouth - Andrew Griffith
7/16 2 Arnold Arboretum, Boston - Lucy
Merrill-Hills
7/18 6 Falmouth NABA - Joe Dwelly *et al.*
7/26 20 Brewster NABA - Joe Dwelly *et al.*
7/29 1 East Wareham - Laura Sayward
8/3 1 Plymouth - Robin Gross
8/30 1 DCR Kristoff Farm, Sterling - Garry
& Annie Kessler
8/30 1 Pine Hill, Plymouth - Robin Gross

Wild Indigo Duskywing

- 5/5 3 MSSF, Plymouth - Moore, Dinius
5/7 2 Delaney WMA, Stow - Steve Moore
5/22 6 Dauphinais Park, Grafton - Dolores
Price, Martin St. Onge
7/19 11 Northampton NABA - Mark
Fairbrother *et al.*
8/8 30 GBH, Canton - Matt Arey, Michael
Newton
10/1 1 Sharon - Madeline Champagne
10/3 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills

Common Sootywing

- 3/28 1 Granville - Peter DeGennaro
5/16 1 Montague Plains - Bill Callahan
5/31 1 Florence - Tom Gagnon
7/5 3 N Worcester NABA - Wendy Howes
et al.
7/16 6 Amherst - Josh Rose
7/19 36 Northampton NABA - Mark
Fairbrother *et al.*
8/7 3 Arcadia WS, Easthampton - Bill
Callahan
8/13 2 Hatfield - Allyn Gieryk
8/28 1 Florence Community Gardens - Bill
Callahan
8/31 2 Boston Nature Center - Lucy
Merrill-Hills

Arctic Skipper

- 6/2 1 Washington - Gael Hurley
6/4 18 Moran WMA, Windsor - Bill
Callahan
6/6 3 Windsor - Bill Callahan
6/6 1 Berkshire County - Jeremy Coleman
6/13 5 Windsor - Bill & Cara Callahan
6/18 5 Windsor - Tom Gagnon
6/20 1 Moran WMA, Windsor - Jeremy
Coleman

Least Skipper

- 5/2 9 Chatham - Fred Bouchard
5/30 3 Boston Nature Center - Lucy
Merrill-Hills
6/9 1 Crane WMA, Falmouth - Joe Dwelly
6/12 7 FS WMA, Longmeadow - Bill
Callahan
6/13 4 Groton - Tom Murray
6/18 3 Danvers Meadow, Danvers - Lucy
Merrill-Hills
6/19 2 Tower Hill, Boylston - Fred Bouchard
6/20 1 Billerica - Carol Backman
6/20 25 N Essex NABA - Mark Rosenstein
et al.
6/25 12 Grafton - Dolores Price, Wendy
Miller
6/28 3 Medfield - Erik Nielsen
7/3 7 S Berkshire NABA - Rene Wendell
et al.
7/4 5 C Franklin NABA - Mark Fairbrother
et al.
7/5 10 FS WMA, Longmeadow - Erin
Haugh
7/5 9 N Berkshire NABA - Tom Tynning
et al.
7/5 14 N Worcester NABA - Wendy Howes
et al.
7/18 4 Falmouth NABA - Joe Dwelly *et al.*
7/19 4 Northampton NABA - Mark
Fairbrother *et al.*

- 8/1 2 Knightsville WMA, Huntington -
Mark Lynch, Sheila Carroll
8/3 1 Peaked Mt., Monson - Erin Hough
8/8 5 Nasketucket Bay Reserve,
Mattapoisett - Matt Arey, Michael
8/9 11 High Ridge WMA, Westminster -
MBC Trip
8/14 1 East Wareham - Laura Sayward
8/20 1 Grafton - Dolores Price, Marvin
St. Onge
8/20 21 FS WMA, Longmeadow - Bill
Callahan
8/22 15 Wendmuth Meadow, N. Brookfield
- MBC Trip
8/23 20 Church's Field, Rochester RTL -
Andrew Griffith
8/28 3 Amherst, Macleod Field - Karl &
Elise Barry
9/5 5 Rockport - Matt Arey
9/15 12 FS WMA, Longmeadow - Bill
Callahan
9/17 1 Newbury - Bo Zaremba
10/3 2 Newbury - Matt Arey
- ## European Skipper
- 6/9 4 McDonald Nature Preserve,
Wilbraham - Bill Callahan
6/9 10 Rough Meadows WS, Rowley - Matt
Arey
6/13 23 Maudslay SP, NP - Bo Zaremba
6/13 4 Ashfield - Jeremy Coleman
6/18 1 Danvers Meadow, Danvers - Lucy
Merrill-Hills
6/20 108 N Essex NABA - Mark Rosenstein
et al.
6/21 28 Windsor - Bill & Nancy Callahan
6/27 200 Thompson Fields, Harwich - Joe
Dwelly
7/3 21 S Berkshire NABA - Rene Wendell
et al.
7/5 431 N Berkshire NABA - Tom Tynning
et al.
7/5 102 N Worcester NABA - Wendy
Howes *et al.*
7/12 12 C Berkshire NABA - Tom Tynning
et al.
7/24 1 Moran WMA, Windsor - Bill Callahan
7/29 1 Holliston - Richard Hildreth
8/20 1 MHF, Sharon - Lucy Merrill-Hill
- ## Fiery Skipper
- 8/11 1 Beverly - Karen Haley
8/25 1 Wareham - Andrew Griffith
8/26 1 Hennessey Property, Grafton - Dolores
Price, Marvin St. Onge
8/28 1 Marshfield - Susan Browne
8/31 1 Concord - Garry & Annie Kessler
9/1 1 LPWS, Barnstable - Joe Dwelly

9/1 1 Athol - David Small
 9/5 5 Sylvan Nursery, Dartmouth - MBC
 Trip
 9/7 1 Belmont - Fred Bouchard
 9/8 1 Wareham - Andrew Griffith
 9/12 1 AP Allens Neck, Dartmouth - MBC
 trip
 9/12 1 Arlington Heights - Lisa Wolfe
 9/13 3 F&W Rte1, Newbury - Matt Arey
 9/14 1 Sylvan Nursery, Dartmouth - Garry &
 Annie Kessler
 9/23 3 Dartmouth - Brian Cassie
 9/27 1 Plum Island, Newbury - Matt Arey
 10/3 6 Sylvan Nursery, Dartmouth - Michael
 Newton, Andrew Griffith

Leonard's Skipper

8/17 1 BMB WS, Worcester - Garry & Annie
 Kessler
 8/20 3 Grafton - Dolores Price, Marvin
 St. Onge
 8/22 2 Wendmuth Meadow, N. Brookfield -
 MBC Trip
 8/30 1 BMB WS, Worcester - Bill & Nancy
 Callahan
 8/30 1 Mt A, Cambridge - Fred Bouchard
 9/5 1 Rockport - Matt Arey
 9/9 1 Wareham - Andrew Griffith

Cobweb Skipper

5/16 2 Montague Plains - Bill Callahan
 5/17 1 Rough Meadows WS, Rowley - Matt
 Arey
 5/22 25 Montague Plains - Michael Newton
 5/28 5 Montague Plains - Bill Callahan
 6/3 8 Montague Plains - Jeremy Coleman
 6/12 1 Montague Plains - Jeremy Coleman

Indian Skipper

5/30 13 Maudslay SP, NP - Bo Zaremba
 5/31 14 Florence - Bill Callahan
 5/31 1 MSSF, Plymouth - Andrew Griffith
 6/1 1 Montague Plains - Jeremy Coleman
 6/1 1 HPM, Woburn - Matt Arey
 6/9 3 Rough Meadows WS, Rowley - Matt
 Arey
 6/20 3 N Essex NABA - Mark Rosenstein
et al.
 6/21 2 Ware River Watershed, Barre - Mark
 Lynch, Sheila Carroll

Peck's Skipper

5/24 3 Oak St. PL, Shrewsbury - Bruce
 deGraaf
 5/27 1 Borden Colony, Raynham - Joe
 Dwelly
 5/29 3 McDonald Nature Preserve,
 Wilbraham - Bill Callahan
 5/31 12 Hennessy Property, Grafton -

Marvin St. Onge, Dolores Price
 6/9 18 McDonald Nature Preserve,
 Wilbraham - Bill Callahan
 6/12 12 Adams Farm, W. Bridgewater - Don
 Adams
 6/13 16 Groton - Tom Murray
 6/16 18 McDonald Nature Preserve,
 Wilbraham - Bill Callahan
 6/20 18 N Essex NABA - Mark Rosenstein
et al.
 7/5 19 N Berkshire NABA - Tom Tynning
et al.
 7/21 27 Windsor - Bill Callahan
 7/26 4 Brewster NABA - Joe Dwelly *et al.*
 8/1 10 Grafton - Dolores Price, Marvin
 St. Onge
 8/5 3 Gloucester - Tom Dodd
 8/10 5 Boston Nature Center - Lucy
 Merrill-Hills
 8/18 11 Northampton CG - Bill Callahan
 8/22 25 Gulliver Meadow CA, Amherst -
 Mark Fairbrother
 8/23 20 Church's Field, Rochester RTL -
 Andrew Griffith
 8/31 1 Arlington Heights - Lisa Wolfe
 9/6 30 AP, Dartmouth - Matt Arey
 9/16 2 Florence Community Gardens - Bill
 Callahan
 9/17 28 Newbury - Bo Zaremba
 9/27 15 F&W Rte1, Newbury - Matt Arey
 10/3 15 Newbury - Matt Arey
 10/10 1 Arnold Arboretum, Boston - Lucy
 Merrill-Hills

Tawny-edged Skipper

5/20 3 Montague Plains - Jeremy Coleman
 5/30 6 Maudslay SP, NP - Bo Zaremba
 6/20 13 N Essex NABA - Mark Rosenstein
et al.
 6/25 2 Oak St. PL, Shrewsbury - Bruce
 deGraaf
 6/28 1 LPWS, Barnstable - Joe Dwelly
 7/5 2 N Berkshire NABA - Tom Tynning
et al.
 7/12 9 C Berkshire NABA - Tom Tynning
et al.
 7/21 2 MHF, Sharon - Lucy Merrill-Hills
 7/31 2 Warwick - Mark Lynch, Sheila Carroll
 8/8 5 GBH, Canton - Matt Arey, Michael
 Newton
 8/18 10 Northampton CG - Bill Callahan
 8/20 1 MHF, Sharon - Madeline Champagne
 8/25 2 Groton - Tom Murray
 8/28 1 Florence Community Gardens - Bill
 Callahan
 8/30 1 Arnold Arboretum, Boston - Lucy
 Merrill-Hills

9/12 1 AP Allens Neck, Dartmouth - MBC trip

Crossline Skipper

6/13 1 Groton - Tom Murray
6/26 1 Crane WMA, Falmouth - Andrew Griffith
7/2 1 Holliston - Richard Hildreth
7/4 8 C Franklin NABA - Mark Fairbrother *et al.*
7/10 1 MSSF, Plymouth - Andrew Griffith
7/12 1 Berkshire County - Gael Hurley
7/18 2 Falmouth NABA - Joe Dwelly *et al.*
7/26 3 Brewster NABA - Joe Dwelly *et al.*
7/26 1 Petersham - Mark Lynch, Sheila Carroll
8/2 1 Dartmouth - Andrew Griffith
8/23 1 Dauphinis Park, Grafton - Dolores Price, Marvin St. Onge

Long Dash

5/29 3 McDonald Nature Preserve, Wilbraham - Bill Callahan
5/30 2 MBWMA, Newbury - Matt Arey
5/30 2 Maudslay SP, NP - Bo Zaremba
5/31 22 Florence - Bill Callahan
6/7 17 Hennessey Property, Grafton - Marvin St. Onge, Dolores Price
6/8 1 Concord - Martha Gach
6/9 6 McDonald Nature Preserve, Wilbraham - Bill Callahan
6/13 19 Maudslay SP, NP - Bo Zaremba
6/13 12 Groton - Tom Murray
6/13 6 Ashfield - Jeremy Coleman
6/19 6 NCM, Petersham - Bill & Cara Callahan
6/20 31 Maudslay SP, NP - Bo Zaremba
6/20 33 N Essex NABA - Mark Rosenstein *et al.*
6/27 9 Thompson Fields, Harwich - Joe Dwelly
6/28 20 MSSF, Plymouth - Rosemary Mosco
7/5 14 N Berkshire NABA - Tom Tynning *et al.*
7/10 2 MSSF, Plymouth - Andrew Griffith
7/12 7 C Berkshire NABA - Tom Tynning *et al.*
8/21 1 Rock Meadow, Belmont - Rosemary Mosco
8/26 2 Natick - Tom Dodd
9/7 1 Belmont - Rosemary Mosco
9/13 1 F&W Rte1, Newbury - Matt Arey

Northern Broken-Dash

6/12 1 Oak St. PL, Shrewsbury - Bruce deGraaf
7/3 4 S Berkshire NABA - Rene Wendell *et al.*

7/5 18 N Berkshire NABA - Tom Tynning *et al.*
7/12 27 C Berkshire NABA - Tom Tynning *et al.*
7/12 34 Blackstone Valley NABA - Tom Dodd *et al.*
7/18 44 Falmouth NABA - Joe Dwelly *et al.*
7/18 3 MMP, Williamstown - Bill & Cara Callahan
7/19 62 Northampton NABA - Mark Fairbrother *et al.*
7/21 21 MHF, Sharon - Lucy Merrill-Hills
7/26 79 Brewster NABA - Joe Dwelly *et al.*
8/5 3 Arlington Heights - Lisa Wolfe
8/8 1 Bullit TTOR, Ashfield - Bill Callahan
8/8 1 Williamsburg - Bill Callahan
8/23 1 Harwich - Mark Faherty

Little Glassywing

6/13 1 Quabbin, Petersham - Wendy Howes, Alan Rawle
6/18 3 FS WMA, Longmeadow - Bill Callahan
6/23 1 Rowley - Bo Zaremba
6/28 1 MSSF, Plymouth - Rosemary Mosco
7/2 10 BMB WS, Worcester - Dolores Price & Marvin St. Onge
7/3 41 S Berkshire NABA - Rene Wendell *et al.*
7/4 13 C Franklin NABA - Mark Fairbrother *et al.*
7/5 13 N Worcester NABA - Wendy Howes *et al.*
7/5 11 N Berkshire NABA - Tom Tynning *et al.*
7/8 8 Lakeview-Morse CA, Sharon - Madeline Champagne
7/12 33 Blackstone Valley NABA - Tom Dodd *et al.*
7/15 1 Wareham - Andrew Griffith
7/18 2 Falmouth NABA - Joe Dwelly *et al.*
7/23 70 MMP, Williamstown - Tor Hansen
8/8 2 Arnold Arboretum, Boston - Lucy Merrill-Hills
8/19 1 Arnold Arboretum, Boston - Lucy Merrill-Hills

Sachem

8/5 1 White Horse Beach, Plymouth - Mark Faherty
8/30 1 Wareham - Andrew Griffith
9/3 1 Old Town Hill, Newbury - Matt Arey
9/5 6 Sylvan Nursery, Dartmouth - MBC Trip
9/6 1 Wareham - Andrew Griffith
9/6 3 AP, Dartmouth - Matt Arey
9/12 3 Sylvan Nursery, Dartmouth - MBC trip

9/14 11 Sylvan Nursery, Dartmouth - Garry & Annie Kessler
9/16 1 Wareham - Andrew Griffith
9/23 9 Dartmouth - Brian Cassie
9/23 1 Wareham - Andrew Griffith
10/3 4 Dartmouth - Brian Cassie
10/3 10 Sylvan Nursery, Dartmouth - Michael Newton, Andrew Griffith
10/22 2 Sylvan Nursery, Dartmouth - Michael Newton

Delaware Skipper

6/15 1 Oak St. PL, Shrewsbury - Bruce deGraaf
6/26 1 Crane WMA, Falmouth - Andrew Griffith
6/30 1 Amherst - Josh Rose
7/2 19 Crane WMA, Falmouth - Joe Dwelly
7/4 8 C Franklin NABA - Mark Fairbrother *et al.*
7/5 8 N Worcester NABA - Wendy Howes *et al.*
7/12 10 C Berkshire NABA - Tom Tynning *et al.*
7/12 11 Blackstone Valley NABA - Tom Dodd *et al.*
7/18 3 Falmouth NABA - Joe Dwelly *et al.*
7/19 7 Northampton NABA - Mark Fairbrother *et al.*
7/23 10 MPP, Williamstown - Tor Hansen
7/24 1 Moran WMA, Windsor - Bill Callahan
7/26 1 West Whately - Bill Benner, Joe Wicinski

Mulberry Wing

7/3 1 S Berkshire NABA - Rene Wendell *et al.*
7/4 5 Sherborn - Michael Newton
7/5 4 Ware - Garry & Annie Kessler
7/7 12 Cedar Hill, Northborough - Garry & Annie Kessler
7/10 5 Pikes Bridge Rd, Newbury - Matt Arey
7/12 4 C Berkshire NABA - Tom Tynning *et al.*
7/12 15 Blackstone Valley NABA - Tom Dodd *et al.*
7/13 28 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/16 2 Noquochoke Reserve, Dartmouth - Andrew Griffith
7/16 15 Leverett, Depot Road PL - Mark Fairbrother
7/19 15 Northampton NABA - Mark Fairbrother *et al.*
7/20 11 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/24 1 Otter River SF, Winchendon - Mark

Lynch, Sheila Carroll
8/2 1 Grafton - Dolores Price, Marvin St. Onge

Hobomok Skipper

5/30 25 MBWMA, Newbury - Matt Arey
6/2 1 Washington - Gael Hurley
6/2 4 FS WMA, Longmeadow - Bill Callahan
6/4 1 Mount Holyoke, Hadley - Tom Gagnon
6/5 1 West Whately - Bill Benner, Joe Wicinski
6/6 17 Windsor - Bill Callahan
6/6 3 Dubuque SF, Hawley - Mark Lynch, Sheila Carroll
6/9 5 Rough Meadows WS, Rowley - Matt Arey
6/12 1 Waltham - Linda Graetz
6/14 7 Lime Kiln, Sheffield - Bill Callahan
6/17 2 Ware - Bill Callahan
6/21 1 Cummington - Henry Chinaski
6/23 1 Oak St. PL, Shrewsbury - Bruce deGraaf
7/3 7 S Berkshire NABA - Rene Wendell *et al.*
7/5 1 Cummington - Henry Chinaski
7/5 9 N Berkshire NABA - Tom Tynning *et al.*
7/9 1 South Gulf Rd., Belchertown - Elise Barry
7/12 2 C Berkshire NABA - Tom Tynning *et al.*

Zabulon Skipper

5/24 1 FS WMA, Longmeadow - Bill Callahan
5/30 1 MBWMA, Newbury - Matt Arey
6/8 13 FS WMA, Longmeadow - Bill Callahan
6/13 5 FS WMA, Longmeadow - Erin Hough
6/17 1 FS WMA, Longmeadow - Jeremy Coleman
6/28 1 Horseneck Beach, Westport - Fred Bouchard
7/2 3 Burma Road, Milton - Lucy Merrill-Hills
8/1 1 Berkley - Bette Chew
8/1 1 Berkley - Bette Chew
8/8 12 Nasketucket Bay Reserve, Mattapoisett - Matt Arey, Michael Newton
8/18 10 Northampton CG - Bill Callahan
8/22 8 Nasketucket Bay Reserve, Mattapoisett - Lauren Miller-Donnelly
8/25 3 Northampton CG - Bill Callahan
9/7 4 Arnold Arboretum, Boston - MBC trip
9/13 1 Rough Meadows WS, Rowley - Matt Arey

9/23 4 Dartmouth - Brian Cassie
10/3 1 Sylvan Nursery, Dartmouth -
Michael Newton, Andrew Griffith

Broad-winged Skipper

7/7 5 Cedar Hill, Northborough - Garry &
Annie Kessler
7/12 1 Truro NABA - Mark Faherty *et al.*
7/14 2 Millennium Park, Roxbury - Lucy
Merrill-Hills
7/15 3 Graves Farm, Williamsburg - Bill
Callahan
7/26 27 Brewster NABA - Joe Dwelly *et al.*
7/27 4 Salisbury - Tom Dodd
7/30 11 Cherry Hill Res, W Newbury - Bo
Zaremba
7/30 1 FS WMA, Longmeadow - Bill
Callahan
8/2 5 Grafton - Dolores Price, Marvin
St. Onge
8/5 1 Gloucester - Tom Dodd
8/6 1 Great Barrington - Bill Callahan
8/17 2 BMB WS, Worcester - Garry & Annie
Kessler
9/6 1 AP, Dartmouth - Matt Arey
9/23 1 Dartmouth - Brian Cassie

Dion Skipper

7/6 2 Fitzgerald Lake, Florence - Bill
Callahan
7/10 1 Berkshire County - Gael Hurley
7/12 2 C Berkshire NABA - Tom Tynning
et al.
7/14 1 Windsor - Bill Callahan

Black Dash

7/2 18 McDonald Nature Preserve,
Wilbraham - Bill Callahan
7/4 6 Sherborn - Michael Newton
7/12 1 Berkshire County - Gael Hurley
7/12 5 Blackstone Valley NABA - Tom Dodd
et al.
7/13 34 McDonald Nature Preserve,
Wilbraham - Bill Callahan
7/15 3 Leicester - Dolores Price, Marvin
St. Onge
7/15 1 Graves Farm, Williamsburg - Bill
Callahan
7/16 1 Noquochoke Reserve, Dartmouth -
Andrew Griffith
7/16 2 Leverett, Depot Road PL - Mark
Fairbrother
7/19 10 Northampton NABA - Mark
Fairbrother *et al.*
7/19 2 Leicester - MBC Trip
7/20 12 McDonald Nature Preserve,
Wilbraham - Bill Callahan
8/1 1 Grafton - Dolores Price, Marvin

St. Onge

Two-spotted Skipper

7/4 1 New Salem - Garry & Annie Kessler
7/5 1 N Berkshire NABA - Tom Tynning
et al.
7/10 1 Berkshire County - Gael Hurley
7/12 1 C Berkshire NABA - Tom Tynning
et al.

Dun Skipper

6/20 2 MBWMA, Newbury - Mark
Rosenstein
7/3 12 S Berkshire NABA - Rene Wendell
et al.
7/4 47 C Franklin NABA - Mark Fairbrother
et al.
7/5 17 N Berkshire NABA - Tom Tynning
et al.
7/6 16 MBWMA, Newbury - Bo Zaremba
7/12 17 Truro NABA - Mark Faherty *et al.*
7/12 108 Blackstone Valley NABA - Tom
Dodd *et al.*
7/14 28 Windsor - Bill Callahan
7/18 15 Warren - Mark Lynch, Sheila Carroll
7/19 92 Northampton NABA - Mark
Fairbrother *et al.*
7/26 21 Brewster NABA - Joe Dwelly *et al.*
8/3 11 Windsor - Bill Callahan
8/8 2 Arnold Arboretum, Boston - Lucy
Merrill-Hills
8/13 2 Williamsburg - Bill & Cara Callahan
8/17 1 BMB WS, Worcester - Garry & Annie
Kessler

Dusted Skipper

5/21 1 Little Mount Tom, Holyoke - Bill
Callahan
5/26 1 Lamson Rd, Foxborough - Madeline
Champagne
5/31 12 Lamson Rd, Foxborough - Madeline
Champagne
5/31 2 Dauphinais Park, Grafton - Marvin
St. Onge, Dolores Price
6/1 10 HPM, Woburn - Matt Arey
6/8 10 Lamson Rd, Foxborough - Madeline
Champagne
6/12 3 Montague Plains - Jeremy Coleman
6/16 1 MSSF, Plymouth - Andrew Griffith
6/17 2 Ware - Bill Callahan
6/17 1 Franklin - Keith Shaw

Pepper and Salt Skipper

6/2 1 Washington - Gael Hurley
6/3 4 Gate 8, Belchertown - Mark Lynch,
Sheila Carroll
6/3 1 New Salem - Mark Lynch, Sheila
Carroll
6/6 3 Windsor - Bill Callahan

6/6 1 Dubuque SF, Hawley - Mark Lynch,
Sheila Carroll
6/8 9 North Adams, Mt. Greylock State Res.
- Tom Gagnon
6/14 1 New Salem - Ron & Sue Cloutier
6/16 1 BMB WS, Worcester - Garry & Annie
Kessler
6/17 3 Peru, Dorothy Rice Sanctuary - Gael
Hurley
6/21 1 Windsor - Bill & Nancy Callahan
Ocola Skipper
9/5 2 Sylvan Nursery, Dartmouth - MBC
Trip
9/11 1 Arlington Heights - Lisa Wolfe
9/12 1 Arlington Heights - Lisa Wolfe

9/13 1 F&W Rte1, Newbury - Matt Arey
9/13 1 Wareham - Andrew Griffith
9/13 1 Arlington Heights - Lisa Wolfe
9/14 1 Sylvan Nursery, Dartmouth - Garry &
Annie Kessler
9/17 1 Belmont - Fred Bouchard
9/23 1 Wareham - Andrew Griffith
9/23 1 Dartmouth - Brian Cassie
10/3 1 Sylvan Nursery, Dartmouth - Michael
Newton, Andrew Griffith
10/22 2 AP Field Station, Dartmouth - Michael
Newton
10/22 1 Sylvan Nursery, Dartmouth - Michael
Newton
10/22 1 Arlington Heights - Lisa Wolfe



Common
Sootywing,
(*Pholisora
catullus*),
8/26/20,
Boston, MA,
Mark
Rosenstein

Fiery Skipper
(*Hylephila
phyleus*),
8/25/20,
Wareham, MA,
Andrew Griffith



Moving a Monarch Chrysalis, by Don Adams



Pic. 1

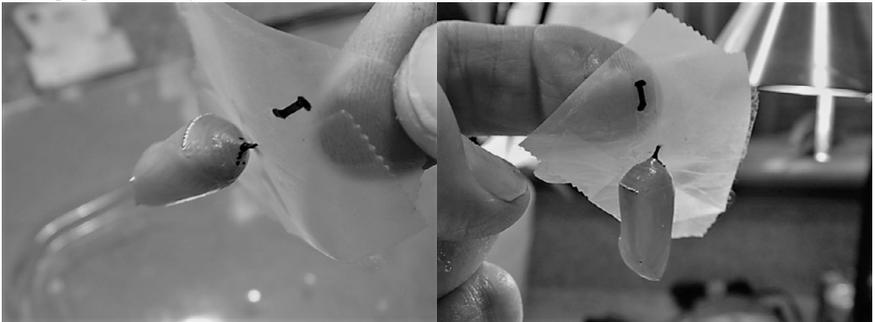
Pic. 2

Late in 2020 I re-discovered this 4-Pic demonstration I did on how to safely remove a Monarch chrysalis from a plastic container (great for raising cats: NOT great for enclosing butterflies which are not able to re-climb the plastic if they fall and then become wing-cripples).

All one will need is a wide roll of scotch tape, and a pair of sharp pointed manicure tweezers. Perform this operation a day or two after pupation has occurred and the chrysalis chorion has hardened. Pic #1 shows the result after laying down a triangular pattern of three 2 inch long pieces of tape as close to the cremaster as possible. Chrysalids will almost always be spun up on the container cover, and no harm will come if you invert the cover on a flat work surface and the chrysalis flops onto its side. Now just follow these steps ...

- 1) Mark the first tape piece set down at one end with a felt pen after it's been pressed firmly in place. It's important to set tape down following ALL contours of the plastic cover as shown in Pic #1
- 2) Place the second piece of tape such that one end overlaps the first piece marked end and also pressed down firmly again close the chrysalis cremaster.
- 3) Set the third tape piece down, one end overlapping the second piece and the other end overlapping the first piece to form the triangle as in Pic #1.
- 4) Now, with a teaspoon, press and rub down firmly on all tape pieces together.
- 5) This next step is slightly tricky but practice will make perfect. Using the pointed tweezers, pry under tape piece #1 at the marked end to lift. Sometimes it helps to start lifting with a razor knife instead of tweezers but the idea is to lift tape pieces 1 & 2 together enough to grasp with your fingers (Pic #2).
- 6) Now, just continue slowly lifting the entire tape pad as in Pic #3 & 4.

The tape pad with chrysalis can now be mounted to any other suitable location.



Pic. 3

Pic. 4

2020 Donor-Volunteers

Monetary and in-kind contributions include donating money; donating goods to be sold, auctioned, or used for the club's benefit; donating the cost of a good or service; other donations.

Volunteer Services include leading field trips or counts; producing and selling club goods; working for Barbara J. Walker Butterfly Festival; manning the MBC table at Mass Land Conservation Conference or other events; helping at the Pot Lucks; running the MBC Monarch Guardian Program; leading walks for, or speaking to, trusts or other organizations; conducting butterfly classes; leading and participating in the Hessel's Hairstreak Project and other volunteer butterfly projects; contributing articles and photos to the club journal (Spring, Fall); working toward the establishment of a state butterfly; serving on the Executive Committee or the Nominating Committee; administering MA Butterfly Club Facebook group and the MassLep listserve; other services. Apologies to anyone we inadvertently missed.

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thanks for Madeline
Champagne's assistance
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Lisa Wolfe
Bo Zaremba
Christine Zende
Soheil Zende



Zabulon
Skipper
(*Poanes
zabulon*),
8/20/20,
Wareham,
MA, Andrew
Griffith

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 31 for the Fall issue, and January 31 for the Spring issue.

Send NABA Fourth of July count results to Tom Gagnon at: tombwhawk@aol.com, by **August 15** for inclusion in the Fall issue. Send your season sightings and records to Mark Fairbrother at: mark@massbutterflies.org, by **December 15** (or earlier if possible!) 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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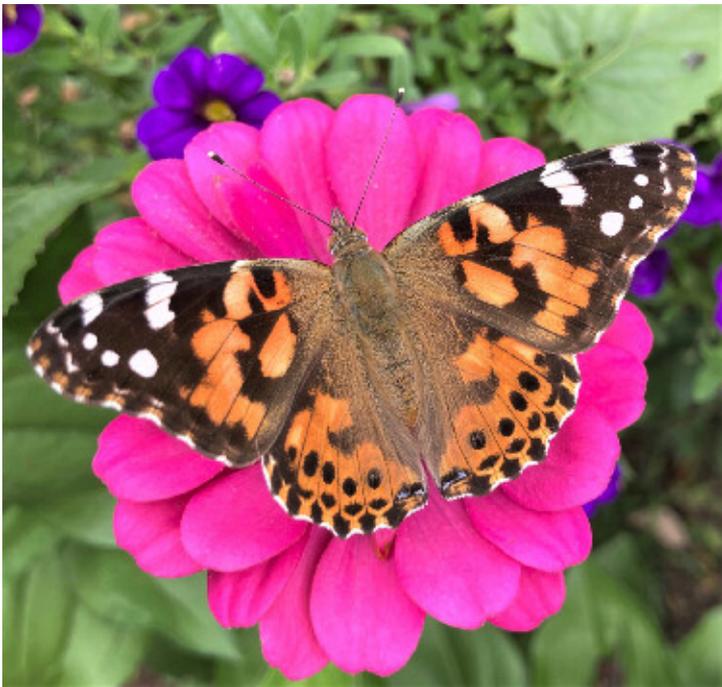
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Red-spotted Admiral (*Limenitis arthemis*),
7/10/20, Duxbury, MA, Susan Browne



Painted Lady (*Vanessa cardui*),
8/17/20, Arlington, MA, Lisa Wolfe