

Massachusetts Butterflies



Spring 2017, No. 48

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NABA-MASSACHUSETTS BUTTERFLY CLUB

Officers

President: Howard Hoople, 10 Torr Street, Andover, MA, 01810-4022.

(978) 475-7719 howard@massbutterflies.org

Vice President-East: Greg Dysart, 75 Oakland Street Ext., Natick, MA, 01760.

(508) 572-0018 greg@massbutterflies.org

Vice President-West: Tom Gagnon, 175 Ryan Road, Florence, MA, 01062.

(413) 584-6353 tombwhawk@aol.com

Treasurer: Elise Barry, 45 Keep Avenue, Paxton, MA, 01612-1037.

(508) 795-1147 elise@massbutterflies.org

Secretary: Barbara Volkle, 400 Hudson Street, Northboro, MA, 01532.

(508) 393-9251 barb620@theworld.com

Staff

Editor, Massachusetts Butterflies: Bill Benner, 53 Webber Road, West Whately,

MA, 01039. (413) 320-4422 bill@massbutterflies.org

Records Compiler: Mark Fairbrother, 129 Meadow Road, Montague, MA,

01351-9512. mark@massbutterflies.org

Webmaster: Karl Barry, 45 Keep Avenue, Paxton, MA, 01612-1037.

(508) 795-1147 karl@massbutterflies.org

Photo Editor: Michael Newton, 207 Captain Eames Circle, Ashland, MA,

01721. (617) 320-3183 michael@massbutterflies.org

www.massbutterflies.org

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2017 Club Project: Hessel's Hairstreak

In the spirit of the 25th anniversary of the Massachusetts Butterfly Club, and inspired by Brian Cassie's reading of the club's founding documents last fall, we've decided to do a special project this year: a repeat of the Hessel's Hairstreak project in Massachusetts. Many years ago, Brian and other early club members conducted a Hessel's Hairstreak survey as one of the first club projects. They did this by the successful (and delightful) method of searching each town for a "Cedar Street", then physically going to the end of that street and seeing if there was an Atlantic White-Cedar swamp at the end of it! They documented a number of new populations this way, populations which we and the state would like to continue to monitor. This project is a joint venture between the Massachusetts Butterfly Club and the Natural Heritage & Endangered Species Program (NHESP) of the Massachusetts Division of Fisheries & Wildlife, with the goal of finding and photographing the elusive Hessel's Hairstreak, and also updating NHESP records where the species hasn't been observed in over 15 years.

From Mike Nelson, NHESP Invertebrate Biologist:

"The Natural Heritage & Endangered Species Program (NHESP) of the Massachusetts Division of Fisheries & Wildlife maintains a database of geo-referenced records of species that are listed as Endangered, Threatened, and of Special Concern under the Massachusetts Endangered Species Act. This database enables the Program to assess the conservation status of the Commonwealth's most vulnerable animals and plants. The same data are used to inform proactive conservation measures such as land protection (acquisition or purchase of conservation restrictions) by the state and partner organizations, as well as management of state conservation lands. Records of state-listed species in the NHESP database are also key data used to produce Priority and Estimated Habitats, which are mapped areas where a proposed project that will result in habitat alteration must be reviewed by the NHESP for compliance with the Massachusetts Endangered Species Act and Wetlands Protection Act. Site-specific records of state-listed species in the NHESP database are con-

sidered "historic" after 25 years, and are generally not used for these purposes.

There are 176 species of animals and 256 species of plants listed as Endangered, Threatened, and Special Concern in Massachusetts, and over 22,000 mapped sites with records of these species in the NHESP database. Ideally, all 22,000 sites would be surveyed at least once every 25 years so that none become "historic" for no other reason than nobody has checked. However, it is not possible for state biologists to do that; there aren't enough of us, and other duties keep us out of the field more often than we would like. As a result, a significant portion of the records in the NHESP database come from "cooperators," including biologists working for other organizations, and very importantly, citizen naturalists.

Hessel's Hairstreak is a Species of Special Concern in Massachusetts, and there are currently 16 sites for this species in the NHESP database where it has not been documented in more than 15 years - more than any other state-listed butterfly. This is in part due to the difficulties encountered in trying to observe Hessel's Hairstreak even when it is present. The butterflies spend much of their time near the tops of Atlantic White Cedar trees, in swamps that are often difficult to access; they are most readily observed when they descend from trees to nectar at flowers, which they do periodically but typically briefly, and usually only when it is sunny. Finally, like most butterflies, Hessel's Hairstreak seems to have "good" years, when population numbers are high, and one has a better chance of finding it, and "bad" years, when population numbers are low, and it is even more difficult to find. Considering all of these factors, it is often necessary to visit a site with Hessel's Hairstreak more than once, sometimes many times, before it is found.

Please consider joining Michael Newton and other Massachusetts Butterfly Club members during the 2017 season in an effort to redocument Hessel's Hairstreak at one or more of the 16 sites where it has not been seen in more than 15 years."

Contact Michael Newton to sign up (contact info inside front cover). The project will run from the middle of May to the middle of June. The towns where sightings are more than 15 years old are: Abington, Auburn, Carver, Dighton, Douglas, Dover, Foxborough, Holliston, Kingston, Lakeville, North Andover, Raynham, Sturbridge, Uxbridge, West Bridgewater, Westborough, and Wilbraham. Project participants can receive specific historic sighting data from NHESP, which can be quite helpful, but must sign a NHESP waiver form promising not to divulge sensitive location information. Other discoveries, such as new locations, or second broods in known spots, would also be worthwhile goals.

Participants will need to submit their sightings to the state along with documentation. There is a new online reporting form, as of November 2016, and paper forms are also available. Michael Newton will be able to explain and assist with this. Also remember to be careful around Atlantic White Cedar bogs—the footing isn't always the best. And good luck!



Tom Murray (left) and Erik Nielsen (right) photographing a Hessel's Hairstreak in an Atlantic White-Cedar bog, 5/26/07, Randolph, Sue Cloutier

The Butterflies of Massachusetts

Steve Moore and Barbara Volkle

What got you started looking at butterflies?

We were longtime birders and by 2000 had seen most of the bird species regularly seen in North America (NA). We were thinking about what to do next while sitting on our back steps when an Eastern Tiger Swallowtail flew in and landed 20 feet from us. A quick trip to Mass Audubon in Lincoln confirmed what it was and that there were about as many butterfly species in NA as birds and that was that. Fortunately it wasn't a moth! Just kidding as there are many beautiful moths out there.



Where did you grow up, and were you interested in nature as a child?

Steve grew up in Lincoln, Massachusetts and Barbara in Queens, New York. Steve's mother kept a garden with bird feeders, and he was fascinated by the Ring-necked Pheasants and Evening Grosbeaks coming to the feeder (yes they did back then!) but never followed up by looking for other species until a Ross's Gull showed up in Newburyport in 1975. Barbara always noticed birds, plants

and the outdoor world. However, she experienced culture shock during her college years in the Berkshires when the ratio of people to trees was reversed and she had more access to open spaces.

Keeping a butterfly checklist, and traveling and seeing new species to add to the list, is important to you; can you tell us more about that and what it means to you?

Steve - We love to travel and find that planning and finding butterfly species gives a trip more focus and meaning. Of course, it can also mean disappointment when the target species is not found, such as a Club trip we led to West Virginia for Dusky Azure and Olympia Marble, neither of which was found! However, the West Virginia Whites (in their home state) were nice. Also, a 2014 trip to New Brunswick for Short-tailed Swallowtail (later seen in Newfoundland) came up short for that species although Salt Marsh Ringlet and Maritime Copper were nice.

Barbara - I love the experiences we've had exploring different habitats. While butterflies provide some organization, birds, scenery and the other components of traveling renew and refresh us.

How many butterfly species have you seen in North America?

Steve - Depends on which list one uses. And whether one counts Hawaii as does NABA. On the NABA list Steve has seen 592; on the list used by Kaufman/Brock 620 and on the J. P. Pelham list 617.

Barbara - Steve keeps my list.

Are there butterflies that one of you has seen that the other hasn't?

Steve - Yes. Barbara has chosen to stay with our cat rather than take a 3-day trip across the country for a single species. Barbara also saw a flyby Blackened Bluewing in Arizona that she likes to remind Steve that he missed.

You both have devoted a great deal of service to natural history organizations and projects. What would you do or say that might encourage others to get involved?

If you are passionate about an aspect of natural history, you can provide services to groups that are featuring whatever type of species you are passionate about. Such groups constantly need advice concerning legal matters (should it be incorporated?, should it apply to be a tax-exempt organization? etc.), liability insurance issues, financial issues (many groups need a Treasurer – thanks to Elise Barry for her work as ours), IT and computer issues (such as a website manager – thanks to Dale Rhoda and Karl Barry), photographic records (thanks Frank Model and Michael Newton), field trip leaders (here the important thing is to know where to go as the participants on any Club trip can deal with the identifications you might be uncertain about), etc. Simply joining the MBC will add to your knowledge and make butterflying more rewarding. Our responsibility is to be stewards of the natural world around us, to encourage others to see the natural world around them, and to engage the next generation of green voters and advocates for conservation and sustainability. Personally, it's wonderful to witness others as they see nature's wonders around them – wonders they never noticed before.



Edwards' Hairstreak (*Satyrium edwardsii*), 6/25/16,
Horn Pond Mountain, Woburn, Bruce deGraaf

What are your favorite butterflies, and why do you like them?

Steve – I like whatever I'm looking for, but if I had to choose a category of butterflies, I'd choose hairstreaks. They are beautiful, varied, numerous and do present some identification challenges. Give me a Sandia Hairstreak any day!

Barbara – I like color and pattern and behavior. Usually whatever I am watching is my favorite!

What butterfly(ies) haven't you seen yet that you would most like to see?

Steve – This year's targets are Desert Elfin, Desert Sheridan's Hairstreak, Crystal Skipper, Reversed Roadside Skipper, Dusky Azure, Oreas Comma, Western Cloudywing, Western Sulphur, Sierra Sulphur and Skipper, Mardon Skipper and Rockslide Checkerspot! Pick any one of them. Probably the Checkerspot, as I just missed one on a 2010 Club trip to Bear Ears Pass in Wyoming when I was too slow crawling over boulders to get where Sue Cloutier had it nailed down!

Barbara – I like spending time in Texas, and the unexpected rarities that sometimes appear.

What other interests and hobbies do you have besides butterflying?

Steve - Family; birding, which we still do particularly when a rarity shows up; politics (no comment now!). Birding frequently combines with butterflying – I recall a morning in 2013 when I walked out of our casita in Mission, Texas to find a Monarch nectaring on our flowers. The night before, our neighbors Linda and Buck Cooper had complained of not seeing a Monarch while in Texas that year, so I ran over to their casita only to have Buck burst out the door. As I told him about the Monarch, he responded by saying “the heck with the Monarch, there's an Amazon Kingfisher in Brownsville”. An hour later we were enjoying views of the Kingfisher along with Tom Gagnon, Bruce Callahan, Karl and Elise Barry—all members of the MBC. I believe Garry Kessler, Annie Reid and Howard Hoop also got to see the Kingfisher.

Barbara – I love birding. I love the organizational volunteer work I do to support birding, butterflying and our open spaces.

The National Wildlife Refuge System and our public lands deserve our support and advocacy. Our public lands are the backbone of conservation nationwide must remain protected for future generations. Engaging others through personal experience is the entry point to understanding and caring about the big picture.



Eastern Comma
(*Polytonia comma*)
caterpillar and
chrysalis, 7/24/16,
Foxboro, Madeline
Champagne

Black Swallowtail
(*Papilio polyxenes*)
eggs on Rue,
7/18/16, Foxboro,
Madeline Champagne



2016 Season Summary and Records

Mark Fairbrother

After a rather open and not especially cold winter, the season got started with the usual spate of Mourning Cloak and Cabbage White reports, then settled into a fairly uneventful run. In late summer some southern skippers began appearing here and there, sometimes in relatively good numbers. Inland, the hot spots were the Northampton Community gardens and the Fannie Stebbins refuge in Longmeadow. Skippers and Red-banded Hairstreak became possible almost anywhere in south-eastern Mass later in the season. Sachems started showing up again, and Fiery and Ocola Skipper made themselves available in a number of places. Monarch numbers were again low even in the fall. In 2016 the engine was a Mourning Cloak on February 21st, with species click-clacking past until the caboose, a Red Admiral in Marblehead, left the station on December 2.

About 7,100 records were received for the 2016 season, a rebound to more normal numbers. Thank-you to the many observers submitting records 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. Also, if you post sightings on-line during the season and then send them to me in a group of records post-season, it would be very helpful to indicate which records, if any, were posted earlier and which were not. 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 here 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. And speaking of location, I'm quite sure I added more new locations to the database this season than any other season I have done.

The number of species reported for 2016 was 106.

SWALLOWTAILS

Giant Swallowtail rebounded somewhat from 2015. There were numerous reports from across the state, but most were singletons with only two reports in double-digits. Pipevine Swallowtail was reported from eight places—all singletons. Black, Eastern Tiger, and Canadian Tiger Swallowtail reports were about average, while Spicebush Swallowtail reports were definitely up. Appalachian Tiger Swallowtail was reported once from Plum Island.

WHITES AND SULPHURS

Checkered White appeared at the NCG the same day a Long-tailed Skipper was present. Excitement! Mustard White was reported from two locations in Central Berkshire County, while West Virginia White was reported from a number of places from the CRV west into Berkshire County, except for a report from Stockbridge. Cabbage White- yup, still here. Clouded and Orange Sulphurs were numerous and widespread, with Cloudless Sulphur reported mostly from the south coast starting in September, with three reports mid-month in the north Quabbin area. Little Yellows were again absent in 2016, perhaps somewhat surprising given the fairly strong influx of other southern species into the region this year.

GOSSAMER-WINGS

A large majority of Harvester reports in 2016 were from the new go-to location of the Stebbins Refuge in Longmeadow. There were a smattering of reports from the Mystic Lakes and other plac-

es east of the Quabbin.

American Copper reports were back to about average after a somewhat off year in 2015. Bog Copper were in the usual places from the Cape to the CRV. Bronze Copper were again reported mostly from the Wayland/Concord area, with outliers in Berkshire County and Essex County. Coral Hairstreak turned up across the state, from Berkshire County to the outer Cape, with a stronghold at both places. Edwards Hairstreak reports were limited to Canton, Woburn, and the Outer Cape. Striped Hairstreak numbers were off with all but one of the reports from the eastern half of the state. Frosted Elfin feeding on Baptisia were relatively widespread in the east, while the lupine feeders were reported from the limited sites in the CRV. Bog Elfin was reported from the Ashburnham site and a site in Hawley. A large majority of reports of Henry's Elfin were from inside the I-495 belt, while Hoary Elfin was as usual reported only from Plymouth Co., the Cape and Islands. Except for possible colonists in Lexington and Sheffield, Red-banded Hairstreak was found along the south east coast, from mid-August into September. Hickory Hairstreak was reported only twice: once in the northwest, and once in the southwest. Several reports of White M Hairstreak were received, with most in the east except for an individual in Gardner. Hessel's Hairstreak wasn't reported at all, while Juniper Hairstreak was found mostly in Woburn, and elsewhere near the coast. Gray Hairstreaks were reported widely all season, but not from Berkshire County. Early Hairstreak was reported only from Mt. Greylock for about a week at the end of May. Spring and Summer Azure numbers and sightings both were about average. There were eight reports of Cherry Gall Azure, most from the eastern half of the state. Silvery Blue reports and numbers continued mostly low, and most reports were from Worcester County. Has this species's 1990's invasion run its course?

BRUSH-FOOTED BUTTERFLIES

It was a somewhat up year for Variegated Fritillary, with

numerous reports scattered across the state and with the balance in the eastern half. Great Spangled Fritillary had a solid year, flying from late May through mid-October. Aphrodite Fritillary reports were about normal, with sightings from everywhere but the southeast. Atlantis Fritillary numbers continue to be very low and mostly limited to the high Berkshires. The handful of Meadow Fritillary reports were again from the CRV west. Silver-bordered Fritillary was reported much more often, and in good numbers. Only eight reports of Harris' Checkerspot were received, but they were somewhat more scattered than 2015. Baltimore Checkerspot reports were up from last year. Question Mark reports (13) were again rather low. Eastern Comma was well reported across most of the state from February 29 through early November. There were only four reports of Gray Comma, from Berkshire Co. and Newbury. I don't know if there were only four sightings or the observers were reluctant to report their finds. Mourning Cloak were seen often in the first half of the season, but after July there were only four reports. Milbert's Tortoiseshell started appearing again as the season went along, while Compton Tortoiseshell went unreported. American Ladies were reported often throughout the season while it was an off season for Painted Lady with only a couple dozen reports all year.

Viceroy was reported widely in small numbers from late May into early October. Hackberry Emperor was reported seven times, most from the CRV, while Tawny Emperor was reported four times, twice from Sheffield and twice from the CRV. Northern Pearly-eye was reported much more widely than in 2015, with numerous Western Mass records. Eyed Brown reports in 2016 indicate that the species was again skilled at mostly avoiding being seen, while Appalachian Brown reports were numerous from mid June into early September. Little Wood-Satyr and Com. Ringlet reports were about average, and although Com. Wood-Nymph reports were about as would be expected, they were lacking the kinds of numbers we've seen in the past. Monarch was reported often from July well into October, but again in numbers that are a shadow of what we have seen and should see, especially in the

southeast in fall.

SKIPPERS

There wasn't a big push of southern species this year, although Long-tailed, Fiery and Ocola Skippers turned up in a surprisingly wide range of places. Grass skipper numbers remained depressed. Only four Hoary Edge reports came in, half from Broad Meadow Brook. There were 11 Long-tailed Skippers reports in 2016, probably concerning five individuals. Sleepy Duskywing reports dropped one from last season, while Horace's Duskywing reports were mostly from the Eastern half of the state except for five locations in the CRV. There were a number of Common Checkered Skipper reports this year, with most coming from the NCG and the rest from four locations, including Windsor, of all places. Common Sootywing reports and numbers were low, with most reports coming from the CRV.

Arctic Skipper was out from late May into late June, with nine reports from the Berkshires and northern Worcester County. European Skipper reports were widespread from early June through mid-July. Fiery Skipper was reported many times and from several widespread places, with the vast majority of reports from the NCG and Sylvan Nurseries in Dartmouth. Leonard's Skipper did better this year with reports scattered from the CRV to Wellfleet but once again with none from Berkshire County. Cobweb Skipper was reported from mid-May into early June, but only from Montague, West Tisbury, and a few sites in northern Worcester County. Indian Skipper was again in low numbers in a handful of locations outside Berkshire County. Zabulon Skipper was reported much more often than Hobomok, with reports from late May through mid-September and from the lower CRV, the southeast, and scattered reports up into Essex County. Broad-winged Skipper reports were scattered across the state from Dartmouth to Pittsfield. Dion Skipper was reported only from Northampton and Pittsfield. Two-spotted Skipper was seen once, in Erving in mid-July, while Pepper and Salt Skipper was reported six times

from North Adams, northern and southern Worcester county and Hampden County. Sachem was along the southeast coast except for an outlier in Concord. Ocola Skippers appeared across the state from Pittsfield to Ipswich to Harwich, with a focus on the NCG and Dartmouth.

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 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; WMA-Wildlife Management Area; WMWS-Wachusett Meadow Wildlife Sanctuary; WRR-Waskosim's Rock Reservation; WS=Wildlife Sanctuary



Eastern Tiger Swallowtail (*Papilio glaucus*) on Buttonbush,
7/30/16, Longmeadow, Michael Newton

Pipevine Swallowtail

- 6/15 1 Rough Meadows WS, Rowley - Matt Arey
8/27 1 Greenfield - Erica Burns
9/9 1 Sylvan Nursery, Dartmouth - Ron & Sue Cloutier
9/14 1 Northampton CG - Tom Gagnon
9/21 1 Adams Farm, W. Bridgewater - Don Adams
9/27 1 Cummington - Amy Pulley
10/5 1 AP, Dartmouth - Lauren Miller-Donnelly
10/7 1 Sylvan Nursery, Dartmouth - Michael Newton

Black Swallowtail

- 4/22 1 Adams Farm, W. Bridgewater - Don Adams
6/6 7 Moran WMA, Windsor - Bill Callahan
7/23 31 Brewster NABA - Joe Dwelly et al.
7/26 5 FS WMA, Longmeadow - Nancy Callahan
7/30 1 Ipswich - Linda Ireland
8/9 1 Plymouth - Robin Gross
8/20 12 Westport - Mark Lynch & Sheila Carroll
8/25 2 Berkshire County - Tom Gagnon et al.
8/28 1 WMWMA, New Braintree - Wendy Howes & Alan Rawle
9/9 1 Tower Hill, Boylston - Elise & Karl Barry
9/17 1 Plymouth - Robin Gross
9/25 3 Northampton CG - MBC Trip
10/19 1 Boston Nature Center - Lucy Merrill-Hills

Giant Swallowtail

- 6/1 1 Wenham Canal - Matt Arey
6/4 1 Florence - Bruce Callahan
6/18 1 Rowe - Diane Potter
7/28 2 DWWS, Marshfield - Myer Bornstein
7/30 8 Sheffield - Bill & Nancy Callahan
8/3 2 Rough Meadows WS, Rowley - Matt Arey
8/6 25 Sheffield - Matt Arey
8/12 3 West Whately - Bill Benner
8/13 12 Sheffield - Mark Lynch & Sheila Carroll
8/15 1 Amesbury - Kirk Elwell
8/15 1 Turners Falls - Mark Fairbrother
8/16 1 Springfield - Nancy Callahan
8/20 2 Arlington Heights - Lucy Merrill-Hills
8/23 1 Groton - Tom Murray
8/24 1 Marblehead - Karen Haley
8/30 1 Northampton CG - Bill Callahan
9/5 1 Mount Wachusets, Princeton - Matt Arey
9/13 1 Falmouth - Alison Robb

Tiger Swallowtail (spp.)

- 5/10 1 Ipswich - Jim Berry
6/24 187 Mt. Greylock State Forest, Williams-town - Steve Moore, Michael Newton, Tom Gagnon
10/4 1 Adams Farm, W. Bridgewater - Don Adams
10/5 2 North Adams, Mt. Greylock State Res. - Tom Gagnon, Betsy Higgins

Eastern Tiger Swallowtail

- 4/21 1 Meadow Road, Montague - Mark Fairbrother
4/22 1 Weymouth - Don Adams
4/27 1 IRWS, Topsfield - Marjorie Watson
5/20 3 HPM, Woburn - Mark Rosenstein
5/28 5 Huntington - Mark Lynch & Sheila Carroll
6/4 17 Hawley - Mark Lynch & Sheila Carroll
6/18 23 Savoy - Mark Lynch & Sheila Carroll
6/24 10 North Adams, Mt. Greylock State Res. - Steve Moore, Michael Newton, Tom Gagnon
7/2 12 N Essex NABA - Howard Hoople et al.
7/3 22 Heath - Mark Lynch & Sheila Carroll
7/12 45 N Worcester NABA - Wendy Howes, et al.
7/30 25 FS WMA, Longmeadow - Michael Newton
8/3 10 Rough Meadows WS, Rowley - Matt Arey
8/10 8 Longmeadow - Bill Callahan
8/19 4 Spencer - Bill & Nancy Callahan
9/20 1 Florence - Bill & Nancy Callahan

Canadian Tiger Swallowtail

- 4/21 1 GBH, Canton - Brian Cassie
5/21 1 Tyringham - Mark Lynch & Sheila Carroll
5/23 2 Hawley - Mark Lynch & Sheila Carroll
5/28 18 Huntington - Mark Lynch & Sheila Carroll
6/4 2 Hawley - Mark Lynch & Sheila Carroll
6/4 14 North Adams, Mt. Greylock State Res. - MBC Trip
6/6 5 Savoy - Jonathan Pierce
6/24 2 Cummington - Moore, Newton, Gagnon
6/27 4 North Adams, Mt. Greylock State Res. - Bo Zarembo
7/13 10 N Berkshire NABA - Tom Tynning et al.
7/16 3 C Berkshire NABA - Tom Tynning et al.

“Appalachian” Tiger Swallowtail

- 6/12 1 Plum Island, Newbury - Matt Arey

Spicebush Swallowtail

- 4/28 1 Caratunk WR, Seekonk - James Sweeney



Mulberry Wing (*Poanes massasoit*),
7/7/16, Sherborn, Michael Newton



European Skipper (*Thymelicus lineola*),
6/26/16, Shrewsbury, Bruce deGraaf



Eastern Tailed-Blue (*Everes comyntas*),
8/22/16, Shrewsbury, Bruce deGraaf



Harvester (*Feniseca tarquinius*),
7/10/16, Longmeadow, Bill Callahan



Viceroy (*Limenitis archippus*),
8/29/16, East Bridgewater,
Don Adams



Hoary Elfin
(*Callophrys
polios*),
4/18/16,
Plymouth,
Garry Kessler

Cloudless Sulphur (*Phoebis sennae*),
9/20/16, Hardwick, Wendy Howes



Frosted Elfins (*Callophrys
irus*), 5/27/16, Foxboro,
Madeline Champagne

Great Spangled Fritillaries
(*Speyeria cybele*),
7/20/16, Ashfield,
Cheryl Califano





Gray Hairstreak (*Strymon melinus*),
8/26/16, Southboro,
Dawn Puliafco



Black Swallowtail (*Papilio polyxenes*),
Candidate for State Butterfly of Massa-
chusetts. 8/19/16, Whately, Bill Benner

Coral Hairstreak (*Satyrrium titus*),
6/6/16, Wilbraham, Bill Callahan



Cobweb Skippers (*Hesperia metea*),
5/19/16, Athol, Bo Zaremba

Arctic Skippers (*Carterocephalus pa-
laemon*), 6/6/16, Windsor, Bill Callahan



Hoary Edge (*Achalarus lyciades*),
6/15/16, Worcester, Bruce deGraaf



Pepper and Salt Skipper (*Amblyscirtes hegon*), 5/29/16, East Longmeadow, Karen Parker

American Lady (*Vanessa virginiensis*), 7/29/16, Jamaica Plain, Lucy Merrill-Hills



Checkered White (*Pontia protodice*), 9/18/16, Northampton, Bill Callahan



Atlantis Fritillaries (*Speyeria atlantis*), 6/24/16, Berkshire Co., Michael Newton

E. Tiger Swallowtail (*Papilio glaucus*) and skipper friends, 7/20 16, Ashfield, Cheryl Califano

Red-banded Hairstreak (*Calycopis cecrops*), 8/21/16, Mattapoisett, Michael Newton



4/30 1 Appleton Farms, Ipswich - Matt Arey
 5/10 1 FS WMA, Longmeadow - Bill & Nancy Callahan
 5/25 2 Hoft Farm, W Tisbury - Matt Pelikan
 5/30 10 Rough Meadows WS, Rowley - Matt Arey
 6/8 1 Sturbridge, Wells State Park - Mark Lynch & Sheila Carroll
 6/23 1 Lakeview-Morse CA, Sharon - Madeline Champagne
 7/2 3 GBH, Canton - MBC Trip
 7/12 15 N Worcester NABA - Wendy Howes et al
 7/28 1 Freeman Way, Brewster - Larry Barry
 8/6 20 Sheffield - Matt Arey
 8/6 19 Nasketucket Bay Reserve, Mattapoissett - Lauren Miller-Donnelly
 8/13 4 Adams Farm, W. Bridgewater - Don Adams
 8/16 10 FS WMA, Longmeadow - Bill Callahan
 8/18 14 Nasketucket Bay Reserve, Mattapoissett - Joe Dwelly
 8/21 8 Westgate CA, Wareham - Lauren Miller-Donnelly
 8/25 2 Rockport - Mark Lynch & Sheila Carroll
 9/7 10 Rough Meadows WS, Rowley - Matt Arey
 9/18 1 Verrill Farm, Concord - Matt Arey
 10/3 1 Hardwick - Wendy Howes

Checked Red White

9/18 1 Northampton CG - Bill Callahan
 9/20 1 Northampton CG - Bo Zaremba

Mustard White

9/9 2 Berkshire County - Tom Gagnon
 7/16 5 C Berkshire NABA - Tom Tynning et al.
 8/15 4 Windsor - Bill & Nancy Callahan

West Virginia White

4/17 4 Monterey - Mark Lynch & Sheila Carroll
 4/18 7 Reservoir Rd, Sunderland - Tom Gagnon, Betsy Higgins
 4/21 1 Florence - Tom Gagnon, Betsy Higgins
 4/23 36 Huntington - Mark Lynch & Sheila Carroll
 4/24 6 Leyden - Mark Fairbrother
 4/30 5 AB IBA, Stockbridge - Mark Lynch & Sheila Carroll
 4/30 3 Reservoir Rd, Sunderland - Bill & Nancy Callahan
 5/21 8 Tyringham - Mark Lynch & Sheila Carroll
 5/28 13 North Adams, Mt. Greylock State Res. - MBC Trip

6/4 5 Mt. Greylock SR, Lanesborough - MBC Trip

Cabbage White

2/29 1 Ipswich - Jim Berry
 3/9 1 Wayland - Michael Newton
 3/24 1 Easthampton - Bruce King
 4/17 1 Correllus State Forest, West Tisbury - Matt Pelikan
 4/30 20 Appleton Farms, Ipswich - Matt Arey
 5/23 31 Boston Nature Center - Lucy Merrill-Hills
 6/15 40 MHF, Sharon - Madeline Champagne
 6/26 50 Boston Nature Center - Lucy Merrill-Hills
 7/8 12 Adams - Jeanne Boudreau
 7/17 250 Northampton NABA - Mark Fairbrother et al.
 7/23 194 Brewster NABA - Joe Dwelly et al.
 7/28 1 E Longmeadow - Karen Parker
 7/31 6 Great Barrington - Bill & Nancy Callahan
 8/5 14 Holliston - Richard Hildreth
 8/13 43 Sheffield - Mark Lynch & Sheila Carroll
 8/22 54 Sandisfield - Mark Lynch & Sheila Carroll
 9/4 2 MMP, Williamstown - Pam Weatherbee
 9/10 20 Edgartown - Matt Pelikan
 9/17 100 Northampton CG - Steve Moore & Barbara Volke
 9/23 20 Gooseberry Neck, Westport - Bill & Nancy Callahan
 10/15 9 Oak Bluffs - Matt Pelikan
 11/14 1 Good Harbor Beach, Gloucester - Lucy Merrill-Hills
 11/18 1 Springfield - Karen Parker

Clouded Sulphur

4/21 2 Fountain Park, Wilbraham - Bill Callahan
 4/21 1 Adams Farm, W. Bridgewater - Don Adams
 4/22 1 Stichter Yard, Newbury - Sharon Stichter
 5/12 20 Sherborn - Michael Newton
 5/23 7 Hawley - Mark Lynch & Sheila Carroll
 6/6 4 Moran WMA, Windsor - Bill Callahan
 7/2 52 C Franklin NABA - Mark Fairbrother
 7/12 65 N Worcester NABA - Wendy Howes et al.
 7/16 77 C Franklin NABA - Mark Fairbrother et al.
 7/17 182 Northampton NABA - Mark Fairbrother et al.
 8/11 10 NCM, Petersham - MBC Trip
 9/1 50 Greenfield - Mark Fairbrother
 9/11 21 WMWMA, New Braintree - Wendy

Howes, Alan Rawle
11/5 12 North Adams, Mt. Greylock State Res.
- Gagnon, Higgins
10/25 2 Stichter Yard, Newbury - Sharon
Stichter
11/14 1 Dalton - Mark Lynch & Sheila Carroll
11/28 1 Westport - Mark Lynch & Sheila
Carroll

Orange Sulphur

4/30 1 Appleton Farms, Ipswich - Matt Arey
5/13 1 Habitat Sanctuary, Belmont - Bill &
Nancy Callahan
5/21 30 Delaney WMA, Stow - Michael
Newton
6/12 10 AP Allens Neck, Dartmouth - Michael
Newton
6/24 1 Mt. Greylock State Forest, Williams-
town - Moore, Newton, Gagnon
7/17 33 Northampton NABA - Mark Fair-
brother et al.
8/14 4 Hubbardston, Mt. Jefferson CA -
Wendy Howes
8/21 25 Allens Pond Wildlife Sanctuary,
Dartmouth - MBC Trip
9/3 29 AP Allens Neck, Dartmouth - Lauren
Miller-Donnelly
9/10 15 Morning Glory Farm, Edgartown -
Matt Pelikan
9/15 40 W Meadows, Northampton - Bill &
Nancy Callahan
9/24 6 Hubbard Hill Rd, Sunderland - Mark
Fairbrother
10/3 36 Northborough - Steve Moore
10/7 50 AP Field Station, Dartmouth - Michael
Newton
10/18 7 E Longmeadow - Karen Parker
11/2 4 Boston Nature Center - Lucy Merrill-
Hills
11/14 3 Waring Field, Rockport - Lucy
Merrill-Hills

Cloudless Sulphur

8/29 1 Chilmark - Matt Pelikan
9/9 1 Gooseberry Neck, Westport - Ron & Sue
Cloutier
9/10 1 Chatham - Mark Faherty
9/10 5 Gooseberry Neck, Westport - Michael
Newton
9/12 2 Gooseberry Neck, Westport - Bo
Zaremba
9/14 1 S Main Street, New Salem - Ron & Sue
Cloutier
9/16 1 Groton - Tom Murray
9/21 1 Hardwick - Wendy Howes
10/8 1 Oak Bluffs - Matt Pelikan

Harvester

4/30 2 FS WMA, Longmeadow - Ron & Sue
Cloutier
5/11 1 Medford - Renee LaFontaine
5/28 1 Ashburnham - Rick Cech
6/4 6 Mystic Lakes, Medford - Renee
LaFontaine
6/14 1 Ashland - Dawn Puliafico
7/10 9 FS WMA, Longmeadow - Bill Callahan
7/30 8 FS WMA, Longmeadow - Michael
Newton
8/16 13 FS WMA, Longmeadow - Bill
Callahan
8/23 2 Mystic Lakes, Medford - Renee
LaFontaine
9/11 1 FS WMA, Longmeadow - Bill Callahan

American Copper

4/29 1 HPM, Woburn - Matt Arey
5/11 11 NP - Bo Zaremba
5/18 10 Arcadia WS, Easthampton - Bill
Callahan
5/23 28 Barnes Airport, Westfield - Bill &
Nancy Callahan
6/4 1 Hawley - Mark Lynch & Sheila Carroll
7/2 44 Blackstone Valley NABA - Tom Dodd
et al.
7/10 14 Stichter Yard, Newbury - Sharon
Stichter
7/12 372 N Worcester NABA - Wendy Howes
et al.
7/17 68 Northampton NABA - Mark Fairbroth-
er et al.
7/23 77 Brewster NABA - Joe Dwelly et al.
8/21 5 Westgate CA, Wareham - Lauren
Miller-Donnelly
9/12 13 McDonald Nature Preserve, Wilbra
ham - Bill Callahan
9/24 4 Hubbard Hill Rd, Sunderland - Mark
Fairbrother
10/3 2 Oak Bluffs - Matt Pelikan
10/11 12 Allens Pond Wildlife Sanctuary,
Dartmouth - Lauren Miller-
11/13 1 Stichter Yard, Newbury - Joe Stichter
11/28 1 Westport - Mark Lynch & Sheila
Carroll

Bronze Copper

6/15 4 Wayland - Michael Newton
7/7 1 Appleton Farms, Ipswich - Matt Arey
7/10 1 Pittsfield - Gael Hurley
9/7 1 Rough Meadows WS, Rowley - Matt
Arey
9/17 1 FS WMA, Longmeadow - Bill Callahan
9/17 1 NAC, Concord - Dawn Puliafico
9/18 1 Tower Hill, Boylston - Fred Bouchard
9/18 6 Verrill Farm, Concord - Matt Arey
10/5 1 FS WMA, Longmeadow - Bill Callahan

10/8 1 Verrill Farm, Concord - Steve Moore & Barbara Volkle
10/12 1 W Newbury - Bo Zaremba

Bob Copper

6/23 2 Shutesbury - Ron & Sue Cloutier
6/25 11 Tully Dam, Royalston - Steve Moore, Michael Newton
7/2 1696 C Franklin NABA - Mark Fairbrother et al.
7/3 32 Tully Dam, Royalston - Bill & Nancy Callahan
7/4 1 Sharon - Brian Cassie
7/11 40 Wendell - Mark Lynch & Sheila Carroll
7/16 15 Concord NABA - Dick Walton et al.
7/23 1 Brewster NABA - Joe Dwelly et al.

Coral Hairstreak

7/1 1 S Berkshire NABA - Rene Wendell et al.
7/2 2 Thompson Fields, Harwich - Joe Dwelly
7/2 2 C Franklin NABA - Mark Fairbrother et al.
7/6 1 Wellfleet Bay Ws, Wellfleet - Mark Faherty
7/11 1 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/11 1 Weir Hill Res, N Andover - Howard Hoople
7/16 1 Concord NABA - Dick Walton et al.
7/16 15 C Berkshire NABA - Tom Tynning et al.
7/19 1 FS WMA, Longmeadow - Bill Callahan
7/23 1 Bristol NABA - Mark Mello et al.
7/23 42 Brewster NABA - Joe Dwelly et al.

Acadian Hairstreak

6/22 1 Berkshire County - Gael Hurley
6/24 8 Pittsfield - Moore, Newton, Gagnon
7/7 2 HPM, Woburn - Matt Arey
7/8 3 Mount Wachusett, Princeton - Matt Arey
7/17 11 C Berkshire NABA - Tom Tynning et al.
7/23 1 Bristol NABA - Mark Mello et al.
7/23 4 MMP, Williamstown - Bill & Nancy Callahan

Edwards' Hairstreak

6/25 2 HPM, Woburn - MBC trip
7/2 2 GBH, Canton - MBC trip
7/7 4 HPM, Woburn - Matt Arey
7/9 23 Harwich - Mark Faherty
7/18 1 HPM, Woburn - Greg Dysart
7/23 5 Brewster NABA - Joe Dwelly et al.

Banded Hairstreak

6/22 1 E Longmeadow - Karen Parker
6/24 1 Champagne yard, Foxborough - Madeline Champagne
7/2 12 Blackstone Valley NABA - Tom Dodd et al.
7/5 13 Hawksnest CA, Harwich - Mark

Faherty

7/10 1 Stichter Yard, Newbury - Sharon Stichter

7/16 1 Ipswich - Linda Ireland
7/27 2 Rowden Yard, Leicester - Mark Rowden
Hickory Hairstreak
7/1 1 S Berkshire NABA - Rene Wendell et al.
7/13 1 N Berkshire NABA - Tom Tynning et al.

Striped Hairstreak

7/2 2 GBH, Canton - MBC Trip
7/2 3 Blackstone Valley NABA - Tom Dodd et al.
7/4 1 FS WMA, Longmeadow - Bill Callahan
7/5 1 Hawksnest CA, Harwich - Mark Faherty
7/8 9 Lakeview-Morse CA, Sharon - Madeline Champagne
7/17 2 MBWMA, Newbury - Michael Newton
7/23 1 Brewster NABA - Joe Dwelly et al.
7/27 1 Old Town Hill, Newbury - Bo Zaremba

Brown Elfin

4/15 5 Montague Plains - Ron & Sue Cloutier
4/17 6 Correllus State Forest, West Tisbury - Matt Pelikan
4/18 20 MSSF, Plymouth - MBC Trip
4/22 20 HPM, Woburn - Matt Arey
4/24 21 Correllus State Forest, West Tisbury - Matt Pelikan
4/25 4 BMB WS, Worcester - Steve Moore
5/10 1 Holliston - Richard Hildreth
5/12 5 Wendell - Mark Lynch & Sheila Carroll
5/15 25 MSSF, Plymouth - MBC Trip
5/20 3 HPM, Woburn - Mark Rosenstein
5/26 1 Correllus State Forest, West Tisbury - Matt Pelikan

Hoary Elfin

4/14 1 Thompson Fields, Harwich - Joe Dwelly
4/17 3 Correllus State Forest, West Tisbury - Matt Pelikan
4/18 8 MSSF, Plymouth - MBC trip
4/24 1 Edgartown - Matt Pelikan
5/15 22 MSSF, Plymouth - MBC Trip

Frosted Elfin

4/21 1 Florence - Tom Gagnon, Betsy Higgins
4/21 2 Westfield - Gagnon, Higgins, Allen
4/28 4 Westfield - Steve Moore, Tom Gagnon
4/30 10 Florence - Tom Gagnon
4/30 1 Lamson Rd, Foxborough - Madeline Champagne
5/8 2 Westfield - Bill Callahan
5/14 7 Weir Hill Res, N Andover - MBC trip
5/21 1 Crane WMA, Falmouth - Joe Dwelly
5/28 39 Lamson Rd, Foxborough - Madeline Champagne
5/30 1 Boston Nature Center - Lucy Merrill-Hills

6/2 1 HPM, Woburn - Matt Arey

Henry's Elfin

4/15 1 Natick - Michael Newton

4/21 21 Fowl Meadows, Milton - Steve Moore,
& Barbara Volkle

4/24 7 Acton - MBC Trip

4/25 36 Milton - Bo Zaremba

5/29 13 Nasketucket Bay Reserve, Mattapoisett - Michael Newton

6/1 3 Wenham Canal - Matt Arey

Bog Elfin

5/23 1 Hawley - Mark Lynch & Sheila Carroll

5/28 1 Ashburnham - Rick Cech

5/31 1 Ashburnham - Ron & Sue Cloutier

Eastern Pine Elfin

4/14 1 Champagne yard, Foxborough -
Madeline Champagne

4/17 1 New Salem - Ron & Sue Cloutier

4/21 6 Montague Plains - Ron & Sue Cloutier

4/24 18 Assabet River NWR, Sudbury - Greg
Dysart

4/30 7 Lamson Rd, Foxborough - Madeline
Champagne

5/9 5 Lamson Rd, Foxborough - Madeline
Champagne

5/12 1 Wendell - Mark Lynch & Sheila Carroll

5/18 4 Birch Hill Dam, Royalston - Mark
Lynch & Sheila Carroll

5/21 1 Crane WMA, Falmouth - Joe Dwelly

6/12 2 Nasketucket Bay Reserve, Mattapoisett
- Michael Newton

Juniper Hairstreak

4/21 1 GBH, Canton - Brian Cassie

4/24 5 HPM, Woburn - MBC Trip

5/10 2 HPM, Woburn - Howard Hoople

5/18 10 HPM, Woburn - Matt Arey

5/22 2 Delaney WMA, Stow - Matt Arey

5/30 1 MBWMA, Newbury - Matt Arey

7/23 2 Brewster NABA - Joe Dwelly et al.

7/24 1 HPM, Woburn - Bill & Nancy Callahan

White M Hairstreak

7/23 2 Bristol NABA - Mark Mello et al.

8/18 1 Nasketucket Bay Reserve, Mattapoisett
- Joe Dwelly

8/28 1 Lake Wampanoag WS, Gardner - Bill &
Nancy Callahan

9/10 1 HPM, Woburn - Mark Rosenstein

9/10 3 Gooseberry Neck, Westport - Michael
Newton

9/12 1 Mendon - Mark Willis

9/12 1 Franklin - Keith Shaw

9/21 1 Appleton Farms, Ipswich - Howard
Hoople

9/23 1 Eastham - Mark Faherty

10/4 1 Franklin - Keith Shaw

10/8 1 Plum Island, Newbury - Matt Arey

10/16 2 Nasketucket Bay Reserve, Mattapoisett
- Michael Newton

Gray Hairstreak

4/18 1 Franklin - Keith Shaw

4/21 2 Westfield - Gagnon, Allen, Higgins

4/24 3 Edgartown - Matt Pelikan

4/29 10 HPM, Woburn - Matt Arey

5/12 11 Sherborn PL - Michael Newton

7/16 17 Falmouth NABA - Joe Dwelly et al.

7/16 6 Concord NABA - Dick Walton et al.

7/23 7 Brewster NABA - Joe Dwelly et al.

8/7 1 Cummington - Henry Chinaski

8/21 2 Northampton CG - Bill & Nancy
Callahan

9/3 11 Crane WMA, Falmouth - Joe Dwelly

9/17 2 Sylvan Nursery, Dartmouth - MAS Trip

10/3 1 Robin Hill Rd, Marlborough - Steve
Moore

10/12 1 Melrose - Linda Ireland

10/18 1 Franklin - Keith Shaw

Red-banded Hairstreak

8/6 1 Sheffield - Matt Arey

8/6 1 Nasketucket Bay Reserve, Mattapoisett
- Lauren Miller-Donnelly

8/21 9 Nasketucket Bay Reserve, Mattapoisett
- MBC Trip

8/21 8 Allens Pond Wildlife Sanctuary,
Dartmouth - MBC Trip

8/26 3 Dartmouth - Brian Cassie

9/2 1 Morning Glory Farm, Edgartown - Matt
Pelikan

9/5 1 Franklin - Keith Shaw

9/6 1 Franklin - Keith Shaw

9/9 1 Lexington - Matt Arey

9/9 1 W Tisbury - Matt Pelikan

9/18 1 Easton - Nick Block

9/23 1 AP, Dartmouth - Bo Zaremba

Early Hairstreak

5/28 2 North Adams, Mt. Greylock State Res.
- MBC trip

6/1 10 North Adams, Mt. Greylock State Res.
- Garry Kessler

6/2 9 North Adams, Mt. Greylock State Res.
- Greg Dysart

6/4 2 North Adams, Mt. Greylock State Res.
- MBC trip

Eastern Tailed-Blue

4/22 1 HPM, Woburn - Matt Arey

4/30 5 FS WMA, Longmeadow - Ron & Sue
Cloutier

5/12 13 Sherborn - Michael Newton

5/14 3 Weir Hill Res, N Andover - MBC Trip

5/20 11 McDonald Nature Preserve, Wilbra
ham - Bill & Nancy

5/30 10 MBWMA, Newbury - Matt Arey
 6/21 10 Franklin - Keith Shaw
 7/2 25 Blackstone Valley NABA - Tom Dodd et al.
 7/4 3 W Hill Dam, Uxbridge - Tom & Cathy Dodd
 7/16 17 C Berkshire NABA - Tom Tynning et al.
 8/3 5 Rough Meadows WS, Rowley - Matt Arey
 8/14 12 Hubbardston, Mt. Jefferson CA - Wendy Howes
 8/20 9 FS WMA, Longmeadow - MBC Trip
 8/29 49 Easton - Brian Cassie
 9/4 3 MMP, Williamstown - Pam Weatherbee
 9/12 22 McDonald Nature Preserve, Wilbraham - Bill Callahan
 9/18 21 Tower Hill, Boylston - Fred Bouchard
 9/24 76 Hubbard Hill Rd, Sunderland - Mark Fairbrother
 10/16 5 Nasketucket Bay Reserve, Mattapoisset - Michael Newton
 10/21 1 FS WMA, Longmeadow - Bill Callahan

Spring Azure

3/12 1 Franklin State Forest - Keith Shaw
 3/30 2 Wilbraham Middle School grounds - Bill Callahan
 4/1 1 New Salem - Ron & Sue Cloutier
 4/14 7 Delaney WMA, Stow - Steve Moore
 4/15 20 Natick - Michael Newton
 4/18 60 MSSF, Plymouth - MBC Trip
 4/21 70 Fowl Meadows, Milton - Steve Moore & Barbara Volkle
 4/24 17 Correllus State Forest, Edgartown - Matt Pelikan
 4/30 12 Dodge Reservation, Rowley - Jim Berry
 4/30 25 Oxbow NWR, Harvard - ABNC Trip
 5/11 4 East Harwich - Larry Barry
 5/12 33 Wendell - Mark Lynch & Sheila Carroll
 5/19 52 Barre/Ware Watershed - Mark Lynch & Sheila Carroll
 5/25 2 Castle Hill, Ipswich - Jim Berry
 6/6 1 Moran WMA, Windsor - Bill Callahan
 6/12 2 Williamsburg Flower Hill Farm - Carol Duke

“Cherry Gall” Azure

4/30 1 FS WMA, Longmeadow - Ron & Sue Cloutier
 5/14 4 MBWMA, Newbury - Matt Arey
 5/22 5 Delaney WMA, Stow - Matt Arey
 5/23 3 Vineyard Haven - Matt Pelikan
 6/14 1 BMB WS, Worcester - Steve Moore

‘Summer’ Azure

5/28 1 E Longmeadow - Karen Parker
 6/2 2 HPM, Woburn - Matt Arey
 6/24 1 Mt. Greylock State Forest, Williamstown - Moore, Newton, Gagnon
 7/2 10 C Franklin NABA - Mark Fairbrother et al.
 7/4 5 MBWMA, Newbury - Matt Arey
 7/11 3 Stichter Yard, Newbury - Sharon Stichter
 7/13 20 N Berkshire NABA - Tom Tynning et al.
 7/19 8 Northern Berkshire County - Tom Gagnon
 7/30 6 FS WMA, Longmeadow - Michael Newton
 8/16 4 FS WMA, Longmeadow - Bill Callahan
 9/7 2 Rough Meadows WS, Rowley - Matt Arey
 9/11 2 Nasketucket Bay Reserve, Mattapoisset - Matt Arey
 9/20 1 W Springfield - Karen Parker

Silvery Blue

5/19 2 Athol - Bo Zaremba
 5/21 40 Delaney WMA, Stow - Michael Newton
 5/28 6 Mt. Watatic, Ashby - Jason Forbes
 5/28 1 Turners Falls - Mark Fairbrother
 5/30 2 Rough Meadows WS, Rowley - Matt Arey
 6/6 1 Moran WMA, Windsor - Bill Callahan

Variiegated Fritillary

6/8 1 Becket - Rene Laubach
 7/17 3 Northampton NABA - Mark Fairbrother et al.
 7/24 1 Natural Bridge SP, North Adams - Fred Bouchard
 8/18 1 Northampton CG - Bill Callahan, Ron & Sue Cloutier
 9/3 1 Crane WMA, Falmouth - Joe Dwelly
 9/24 6 Quabbin Res, New Salem - Tom Gagnon
 10/19 1 Northampton CG - Bill Callahan
 10/24 1 New Salem Community Gardens - Ron & Sue Cloutier
 10/30 1 East Wareham - Laura Sayward
 11/1 1 G43 Quabbin - Martha Gach
 11/11 1 Fort Hill, Eastham - Mark Faherty

Great Spangled Fritillary

5/14 1 Concord - Karen Parker
 6/6 1 Florence - Tom Gagnon
 6/15 22 MHF, Sharon - Madeline Champagne
 6/27 13 Lakeview-Morse CA, Sharon - Lucy Merrill-Hills

7/1 82 S Berkshire NABA - Rene Wendell et al.
 7/2 55 C Franklin NABA - Mark Fairbrother et al.
 7/2 69 N Essex NABA - Howard Hoople et al.
 7/2 81 Blackstone Valley NABA - Tom Dodd et al.
 7/3 16 Heath - Mark Lynch & Sheila Carroll
 7/12 62 N Worcester NABA - Wendy Howes et al.
 7/13 81 N Berkshire NABA - Tom Tynning et al.
 7/15 22 Sandisfield - Mark Lynch & Sheila Carroll
 7/16 60 C Berkshire NABA - Tom Tynning et al.
 7/17 27 C Franklin NABA - Mark Fairbrother et al.
 7/23 12 MMP, Williamstown - Bill & Nancy Callahan
 8/11 9 NCM, Petersham - MBC Trip
 9/5 20 Mount Wachusett, Princeton - Matt Arey
 10/7 1 Easthampton - Bruce King
 10/12 1 W Newbury - Bo Zaremba

Aphrodite Fritillary

6/4 1 Rowe - D Potter, M Fairbrother
 6/18 4 Savoy - Mark Lynch & Sheila Carroll
 7/4 5 Williamsburg Flower Hill Farm - Carol Duke
 7/8 50 Mount Wachusett, Princeton - Matt Arey
 7/16 6 Williamsburg Flower Hill Farm - Carol Duke
 7/23 3 Hubbardston, Mt. Jefferson Cons. Area - Wendy Howes
 8/28 1 Gardner - Bill & Nancy Callahan
 9/16 2 Northampton CG - Tom Gagnon, Michael Newton

Atlantis Fritillary

6/17 1 High Ledges WS, Shelburne - Bill Callahan
 6/18 1 Ashby - Jason Forbes
 6/24 10 Peru, Dorothy Rice Sanctuary - Gael Hurley
 6/24 37 North Adams, Mt. Greylock State Res. - Moore, Newton, Gagnon
 7/3 4 Heath - Mark Lynch & Sheila Carroll
 7/13 15 N Berkshire NABA - Tom Tynning et al.
 7/28 10 Berkshire County - Tom Gagnon

Silver-bordered Fritillary

4/30 2 Appleton Farms, Ipswich - Matt Arey
 5/12 13 Sherborn - Michael Newton
 5/12 1 Leyden Road, Greenfield - Mark Fairbrother

5/30 20 Sherborn - Michael Newton
 6/1 25 Wenham Canal - Matt Arey
 6/4 117 Appleton Farms, Ipswich - MBC Trip
 6/21 1 Mt. Greylock State Forest, Williamstown - Deb Tracy-Kral
 7/4 11 Sharon - Brian Cassie
 7/17 32 Northampton NABA - Mark Fairbrother et al.
 7/24 6 Myles Standish State For. Carver - James Sweeney
 8/11 2 Windsor - Bill Callahan
 9/5 35 Mount Wachusett, Princeton - Matt Arey
 9/21 5 Appleton Farms, Ipswich - Howard Hoople
 9/22 1 Florence Community Gardens - Bill Callahan
 10/7 2 Ivory Silo Farm, Westport - Lauren Miller-Donnelly

Meadow Fritillary

7/1 1 Field Farm, Williamstown - Pam Weatherbee
 7/13 10 N Berkshire NABA - Tom Tynning et al.
 8/6 10 Sheffield - Matt Arey
 8/30 2 Williamstown - Bo Zaremba
 9/11 1 Whately - Mark Fairbrother
 9/12 2 Linear Park, Williamstown - Gael Hurley

Harris' Checkerspot

5/30 1 MBWMA, Newbury - Matt Arey
 6/7 2 BMB WS, Worcester - Steve Moore
 6/9 1 N Andover - Howard Hoople
 6/17 1 Wendell - Greg Dysart
 6/18 2 Petersham - Sue Cloutier
 6/18 1 Mt. Watatic, Ashby - Jason Forbes

Pearl Crescent

4/30 1 Oxbow NWR, Harvard - MBC Trip
 5/12 40 Sherborn - Michael Newton
 5/19 1 Athol - Bo Zaremba
 5/26 19 Borden Colony, Raynham - Joe Dwelly
 5/29 50 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
 6/1 30 Appleton Farms, Ipswich - Howard Hoople
 6/4 33 Moore SP, Paxton - Elise Barry
 6/18 1 Savoy - Mark Lynch & Sheila Carroll
 7/16 96 C Berkshire NABA - Tom Tynning et al.
 7/17 464 Northampton NABA - Mark Fairbrother et al.
 7/23 107 Riis Hill DCR, Barre - Wendy Howes
 7/23 217 Brewster NABA - Joe Dwelly et al.
 7/31 30 Project Native, Great Barrington - Bill & Nancy Callahan

8/5 52 Graves Farm, Williamsburg - Bill Benner
 8/14 40 Hubbardston, Mt. Jefferson CA - Wendy Howes
 8/31 32 Conte NWR, Hadley - Bill Callahan
 9/11 25 Whately - Mark Fairbrother
 9/26 9 Long Point, W Tisbury - Russ Hopping
 10/16 6 Nasketucket Bay Reserve, Mattapoisset - Michael Newton
 10/24 1 New Salem Community Gardens - Ron & Sue Cloutier

Baltimore Checkerspot

6/15 2 Sharon - Madeline Champagne
 6/22 50 Sharon - Champagne, Shaw
 6/26 90 LaSalette Sanc., Attleboro - Bill & Nancy Callahan
 7/2 138 Blackstone Valley NABA - Tom Dodd et al.
 7/4 8 Woodsom Farm, Amesbury - Marjorie Watson
 7/8 2 Sharon - Madeline Champagne
 7/11 1 Stichter Yard, Newbury - Sharon Stichter

Question Mark

5/18 1 HPM, Woburn - Matt Arey
 6/12 4 Allens Pond Wildlife Sanctuary, Dartmouth - Michael Newton
 6/15 1 Rough Meadows WS, Rowley - Matt Arey
 7/1 2 AB IBA, Stockbridge - Mark Lynch & Sheila Carroll
 7/13 1 N Berkshire NABA - Tom Tynning et al.
 7/23 2 Brewster NABA - Joe Dwelly et al.
 8/28 1 Grafton - Dolores Price
 9/11 1 Nasketucket Bay Reserve, Mattapoisset - Matt Arey

Eastern Comma

2/29 1 Winchester - Renee LaFontaine
 3/8 1 Lincoln - Rosemary Mosco
 3/9 6 Mt. Tom State Reservation, Holyoke - Tom Gagnon, Betsy Higgins
 3/9 1 Easthampton - Bruce King
 3/27 1 W Newbury - Bo Zaremba
 3/30 2 Willowdale SF, Ipswich - Jim Berry
 4/17 16 Correllus State Forest, West Tisbury - Matt Pelikan
 4/27 2 IRWS, Topsfield - Marjorie Watson
 5/28 1 North Adams, Mt. Greylock State Res. - MBC Trip
 6/22 3 Arcadia WS, Easthampton - Bill Callahan
 6/26 4 LaSalette Sanc., Attleboro - Bill & Nancy Callahan
 7/1 8 S Berkshire NABA - Rene Wendell et al.
 7/3 5 MBWMA, Newbury - Marjorie Watson

7/13 9 N Berkshire NABA - Tom Tynning et al.
 7/20 12 FS WMA, Longmeadow - Bill Callahan
 8/3 12 FS WMA, Longmeadow - Bill Callahan
 8/21 2 Northborough - Steve Moore & Barbara Volkle
 9/24 6 FS WMA, Longmeadow - Bill Callahan
 10/12 2 Conte NWR, Hadley - Bill & Nancy Callahan
 11/8 1 Franklin - Keith Shaw

Gray Comma

7/4 1 MBWMA, Newbury - Matt Arey
 7/17 1 MBWMA, Newbury - Michael Newton
 8/25 1 Berkshire County - Tom Gagnon et al.

Mourning Cloak

2/21 1 Foxborough - Brian Cassie
 2/28 1 Boxford - Matt Arey
 3/13 6 Beech Forest, Provincetown - Tor Hansen
 4/16 2 Ipswich, Dow Brook Reservoir - Jim Berry
 4/18 9 Signal Hill, Canton - Lucy Merrill-Hills
 4/22 4 HPM, Woburn - Matt Arey
 5/10 3 HPM, Woburn - Howard Hoople
 6/4 2 Mt. Greylock SR, Lanesborough - MBC Trip
 7/8 1 Adams - Jeanne Boudreau
 7/24 1 Natural Bridge SP, North Adams - Fred Bouchard
 9/8 1 Hardwick - Bo Zaremba
 9/10 1 HPM, Woburn - Mark Rosenstein
 10/5 1 Amherst - Josh Rose
 11/18 1 Rowden Yard, Leicester - Mark Rowden

Milbert's Tortoiseshell

6/12 1 Deerfield - Josh Rose
 6/13 1 Ware - Brian Klassanos
 6/17 1 Hubbardston - Wendy Howes
 6/18 1 Savoy - Mark Lynch & Sheila Carroll
 6/24 4 Mt. Greylock State Forest, Williams-town - Moore, Newton, Gagnon
 7/30 1 Worthington - Amy Pulley
 9/3 1 Deer Park Reserve, Hardwick - Wendy Howes, Alan Ragle
 9/25 1 Northampton CG - MBC Trip
 10/3 1 Greenfield - Mark Fairbrother
 11/2 1 BFD, Hubbardston - Donna Schilling et al.

American Lady

4/10 1 Quabbin Res, New Salem - Ron & Sue Cloutier
 4/21 1 Florence - Tom Gagnon, Betsy Higgins
 4/29 6 HPM, Woburn - Matt Arey
 5/21 2 Crane WMA, Falmouth - Joe Dwelly

5/30 10 Rough Meadows WS, Rowley - Matt Arey
 6/12 12 MBWMA, Newbury - Matt Arey
 7/15 4 Sandisfield - Mark Lynch & Sheila Carroll
 7/28 1 Bank Street bog, Harwich - Larry Barry
 8/3 3 Rough Meadows WS, Rowley - Matt Arey
 8/11 3 Crane WMA, Falmouth - Joe Dwelly
 8/23 1 Plymouth - Robin Gross
 8/31 1 Westfield - Steve Shelasky
 9/10 20 Edgartown - Matt Pelikan
 9/27 3 Northampton CG - Bill Callahan
 10/11 8 Dartmouth - Lauren Miller-Donnelly
 10/31 1 Nahant - Linda Pivacek
 11/13 1 Wareham - Lauren Pivacek

Painted Lady

4/24 1 HPM, Woburn - Michael Newton
 5/12 2 Brook Street PL, Sherborn - Michael Newton
 5/18 10 HPM, Woburn - Matt Arey
 6/1 1 Roslindale, Boston - Lucy Merrill-Hills
 6/12 6 Plum Island, Newbury - Matt Arey
 7/9 1 Pine Hill, Plymouth - Robin Gross
 7/18 1 Arlington Heights - Lisa Wolfe
 10/8 1 Appleton Farms, Ipswich - Matt Arey

Red Admiral

4/22 1 HPM, Woburn - Matt Arey
 4/30 1 Appleton Farms, Ipswich - Matt Arey
 5/11 1 Vineyard Haven - Matt Pelikan
 5/14 1 Montague Plains - Bill Callahan
 5/28 1 Huntington - Mark Lynch & Sheila Carroll
 6/10 3 FS WMA, Longmeadow - Bill Callahan
 6/24 7 Mt. Greylock State Forest, Williamstown - Moore, Newton, Gagnon
 7/4 12 SBSR - Matt Arey
 7/13 9 N Berkshire NABA - Tom Tying et al.
 7/17 17 Northampton NABA - Mark Fairbrother et al.
 7/23 7 Brewster NABA - Joe Dwelly et al.
 8/4 1 Boston Nature Center - Lucy Merrill-Hills
 9/3 3 Sylvan Nursery, Dartmouth - Lauren Miller-Donnelly
 9/22 2 W Tisbury - Matt Pelikan
 10/3 1 LPWS, Barnstable - Joe Dwelly
 10/24 1 Allens Pond Wildlife Sanctuary, Dartmouth - Lauren Miller-Donnelly
 12/2 1 MNWS, Marblehead - Linda Pivacek

Common Buckeye

6/14 1 Borderland St. Park, Easton - Kathleen Walker
 7/7 1 HPM, Woburn - Matt Arey
 7/16 1 Concord NABA - Dick Walton et al.

7/17 1 Northampton NABA - Mark Fairbrother et al.
 8/11 1 Northampton CG - Tom Gagnon
 8/29 7 Easton - Brian Cassie
 9/4 1 Trade Winds, Oak Bluffs - Matt Pelikan
 9/12 1 McDonald Nature Preserve, Wilbraham - Bill Callahan
 10/7 12 Horseneck Beach, Westport - Michael Newton
 10/21 3 FS WMA, Longmeadow - Bill Callahan
 11/2 1 Boston Nature Center - Lucy Merrill-Hills

White Admiral

6/4 1 Mt. Greylock SR, Lanesborough - MBC Trip
 6/18 29 Savoy - Mark Lynch & Sheila Carroll
 6/18 1 Mt. Watatic, Ashby - Jason Forbes
 6/25 1 HPM, Woburn - MBC Trip
 7/3 6 Heath - Mark Lynch & Sheila Carroll
 7/17 1 MBWMA, Newbury - Michael Newton
 7/28 1 Cummington - Henry Chinaski
 8/20 2 FS WMA, Longmeadow - MBC Trip
 8/24 1 Northampton CG - Bill Callahan
 8/28 1 Birch Hill Dam, Royalston - Mark Lynch & Sheila Carroll
 9/4 1 MMP, Williamstown - Pam Weatherbee

Red-spotted Purple

6/2 2 HPM, Woburn - Matt Arey
 6/4 2 Hawley - Mark Lynch & Sheila Carroll
 6/7 3 Ashburnham - Bo Zaremba
 6/18 27 Savoy - Mark Lynch & Sheila Carroll
 6/18 15 Warwick - Mark Fairbrother
 6/29 12 Washington - Bo Zaremba
 7/23 3 Hubbardston, Mt. Jefferson CA - Wendy Howes
 8/6 3 Old Colony Rd, Hubbardston - Wendy Howes
 8/13 3 Sandisfield - Mark Lynch & Sheila Carroll
 8/20 2 Holliston - Richard Hildreth
 9/7 1 Amherst - Josh Rose

Viceroy

8/1 1 Lime Kiln, Sheffield - Bill & Nancy Callahan
 5/30 2 MBWMA, Newbury - Matt Arey
 6/1 1 Montague Plains - Josh Rose
 6/1 1 Wenham Canal - Matt Arey
 6/12 11 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
 6/20 2 Cass Meadows, Athol - Earle Baldwin
 7/17 9 Northampton NABA - Mark Fairbrother et al.
 8/6 4 Nasketucket Bay Reserve, Mattapoisett - Lauren Miller-Donnelly

8/21 1 Westwood - Erik Nielsen
9/9 1 Tower Hill, Boylston - Elise & Karl Barry
9/18 4 Sedge Meadow, Wayland - Matt Arey
9/21 2 Adams Farm, W. Bridgewater - Don Adams
9/27 2 Florence Community Gardens - Bill Callahan
10/7 1 Greenfield - Bill Callahan

Hackberry Emperor

7/1 1 AB IBA, Stockbridge - Mark Lynch & Sheila Carroll
8/6 2 Sheffield - Matt Arey
8/8 1 Forest Park, Springfield - Tom Gagnon
8/20 9 Forest Park, Springfield - MBC Trip
8/21 1 Northampton CG - Bill & Nancy Callahan
8/30 1 Northampton CG - Bill Callahan

Tawny Emperor

7/17 3 Northampton NABA - Mark Fairbrother et al.
7/30 4 Sheffield - Bill & Nancy Callahan
8/6 1 Sheffield - Matt Arey
8/9 1 Mt. Tom State Reservation, Holyoke - Bill Callahan, Tom Gagnon

Northern Pearly-Eye

6/22 1 Sherborn - Michael Newton
7/4 2 Meadow Road, Montague - Mark Fairbrother
7/11 1 Wendell - Mark Lynch & Sheila Carroll
7/13 8 N Berkshire NABA - Tom Tynning et al.
7/23 2 MMP, Williamstown - Bill & Nancy Callahan
7/25 1 Royalston - Carl Kamp
7/28 5 Northern Berkshire County - Tom Gagnon
8/6 1 Sheffield - Matt Arey

Eyed Brown

7/2 1 Blackstone Valley NABA - Tom Dodd et al.
7/6 4 Florence - Tom Gagnon
7/7 10 Appleton Farms, Ipswich - Matt Arey

Appalachian Brown

6/10 2 FS WMA, Longmeadow - Bill Callahan
6/19 1 Sherborn - Michael Newton
6/29 10 FS WMA, Longmeadow - Bill Callahan
7/7 25 Brook Street PL, Sherborn - Michael Newton
7/16 19 C Berkshire NABA - Tom Tynning et al.
7/25 1 Royalston - Carl Kamp
8/28 2 Grafton - Dolores Price
9/7 6 FS WMA, Longmeadow - Bill Callahan

Little Wood-Satyr

5/18 1 HPM, Woburn - Matt Arey

5/22 1 Dinosaur Footprints TTOR, Holyoke - Bill & Nancy Callahan
5/29 50 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
6/1 30 Mt. Tom State Reservation, Holyoke - Bill & Nancy Callahan
6/4 30 Breakneck Hill Conservation Land, Southborough - Bill & Nancy Callahan
7/2 134 N Essex NABA - Howard Hoople et al.

Common Ringlet

5/18 6 Arcadia WS, Easthampton - Bill Callahan
5/19 1 Athol - Bo Zaremba
5/21 12 Mt. Tom State Reservation, Holyoke - Bill & Nancy Callahan
5/26 22 Borden Colony, Raynham - Joe Dwelly
6/1 20 Lakeview-Morse CA, Sharon - Madeline Champagne
6/1 7 Appleton Farms, Ipswich - Howard Hoople
6/4 35 Appleton Farms, Ipswich - MBC trip
6/4 89 Moore SP, Paxton - Elise Barry
6/4 48 Rowe - Potter, Fairbrother
6/18 12 Lime Kiln, Sheffield - Bill & Nancy Callahan
6/24 41 North Adams, Mt. Greylock State Res. - Moore, Newton, Gagnon
7/31 30 Project Native, Great Barrington - Bill & Nancy Callahan
8/5 57 Graves Farm, Williamsburg - Bill Benner
8/13 65 Sandisfield - Mark Lynch & Sheila Carroll
8/15 20 Lanesborough - Bill & Nancy Callahan
8/28 64 Lake Wampanoag WS, Gardner - Bill & Nancy Callahan
8/30 17 Williamstown - Bo Zaremba
9/5 20 Mount Wachusets, Princeton - Matt Arey
9/16 2 McDonald Nature Preserve, Wilbraham - Bill Callahan
10/7 1 Montague Plains - Bill Callahan

Common Wood-Nymph

6/30 1 Borderland St. Park, Easton - Madeline Champagne
7/2 12 Blackstone Valley NABA - Tom Dodd et al.
7/7 10 Appleton Farms, Ipswich - Matt Arey
7/8 1 Fitzgerald Lake, Florence - MBC Trip
7/11 6 Burrage Pond, Hanson - James Sweeney
7/12 30 N Worcester NABA - Wendy Howes et al.
7/13 129 N Berkshire NABA - Tom Tynning et al.

7/16 178 C Berkshire NABA - Tom Tying et al.
7/17 54 Northampton NABA - Mark Fairbrother et al.
7/23 30 Brewster NABA - Joe Dwelly et al.
7/31 5 Project Native, Great Barrington - Bill & Nancy Callahan
8/5 22 Graves Farm, Williamsburg - Bill Benner
8/11 5 NCM, Petersham - MBC Trip
8/21 3 Westgate CA, Wareham - Lauren Miller-Donnelly
8/28 12 Lake Wampanoag WS, Gardner - Bill & Nancy Callahan
9/4 1 MMP, Williamstown - Pam Weatherbee
9/12 1 McDonald Nature Preserve, Wilbraham - Bill Callahan

Monarch

5/29 1 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
5/30 1 Turners Falls Airport - Mark Fairbrother
5/30 1 Rough Meadows WS, Rowley - Matt Arey
6/16 1 New Braintree - Mark Lynch & Sheila Carroll
6/25 2 Crane WMA, Falmouth - Fred Bouchard
7/17 17 Northampton NABA - Mark Fairbrother et al.
7/30 8 FS WMA, Longmeadow - Michael Newton
8/7 1 Hardwick, Mandell Hill EQLT - Wendy Howes, Alan Rawle
8/17 14 Wayland - Michael Newton
8/26 30 Dartmouth - Brian Cassie
8/27 1 Florida - Bo Zaremba
9/3 60 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
9/10 7 Morning Glory Farm, Edgartown - Matt Pelikan
9/16 10 Groton - Tom Murray
9/20 8 Florence Community Gardens - Bill & Nancy Callahan
10/3 150 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
10/24 1 Quabbin Park, Belchertown - Larry Therrien
11/13 1 AP, Dartmouth - Brian Cassie

Silver-spotted Skipper

5/18 1 HPM, Woburn - Matt Arey
5/22 1 Springfield - Nancy Callahan
6/1 2 Holliston - Richard Hildreth
6/10 4 FS WMA, Longmeadow - Bill Callahan
6/15 10 Rough Meadows WS, Rowley - Matt Arey
6/30 2 Cherry Hill Reservoir, Newbury

- Marjorie Watson
7/2 27 C Franklin NABA - Mark Fairbrother et al.
7/11 1 Ames Nowell SP, Abington - Kathleen Walker
7/12 97 N Worcester NABA - Wendy Howes et al.
7/16 51 C Berkshire NABA - Tom Tying et al.
7/19 1 Pine Hill, Plymouth - Robin Gross
7/23 11 Hubbardston, Mt. Jefferson CA - Wendy Howes
7/30 20 FS WMA, Longmeadow - Michael Newton
8/9 20 Northampton CG - Bill Callahan, Tom Gagnon
8/20 25 Northampton CG - MBC Trip
9/9 7 Northampton CG - Bill Callahan
9/10 1 Morning Glory Farm, Edgartown - Matt Pelikan
10/7 1 Northampton CG - Bill Callahan

Long-tailed Skipper

9/16 1 Northampton CG - Newton, Gagnon
9/18 1 Eastham - Mary Hake, Bob Cook
9/21 1 Plymouth - Robin Gross
9/22 1 Yarmouth - Joe Dwelly
9/28 1 Northampton CG - Tom Gagnon
10/7 1 Northampton CG - Ron Hamburger

Hoary Edge

6/13 1 BMB WS, Worcester - Bill & Nancy Callahan
6/24 2 BMB WS, Worcester - Keith Shaw
6/24 1 Middlesex Fells, Medford - Renee LaFontaine
7/2 2 C Franklin NABA - Mark Fairbrother et al.

Southern Cloudywing

6/11 2 Breakneck Hill Conservation Land, Southborough - MBC Trip
6/21 1 McDonald Nature Preserve, Wilbraham - Bill Callahan
6/25 1 HPM, Woburn - MBC Trip
6/25 2 Sterling - Steve Moore, Michael Newton
7/2 1 C Franklin NABA - Mark Fairbrother et al.
7/4 2 W Hill Dam, Uxbridge - Tom & Cathy Dodd
7/5 4 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/7 1 HPM, Woburn - Matt Arey
7/14 3 McDonald Nature Preserve, Wilbraham - Bill Callahan
8/11 1 Crane WMA, Falmouth - Joe Dwelly
Northern Cloudywing
5/20 2 HPM, Woburn - Mark Rosenstein

6/2 10 HPM, Woburn - Matt Arey
6/4 4 Rowe - Diane Potter, Mark Fairbrother
6/13 14 BMB WS, Worcester - Bill & Nancy Callahan
6/16 20 Crane WMA, Falmouth - Bill & Nancy Callahan
6/21 2 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/2 7 C Franklin NABA - Mark Fairbrother et al.
8/13 2 Sandisfield - Mark Lynch & Sheila Carroll

Dreamy Duskywing

5/12 6 Sherborn PL - Michael Newton
5/21 1 Crane WMA, Falmouth - Joe Dwelly
5/26 1 Correllus State Forest, West Tisbury - Matt Pelikan
5/30 3 Turners Falls Airport - Mark Fairbrother
6/2 2 HPM, Woburn - Matt Arey
6/13 3 BMB WS, Worcester - Bill & Nancy Callahan

Sleepy Duskywing

4/28 1 Westfield - Steve Moore, Tom Gagnon
4/29 1 Chicopee - Bill Callahan
5/12 1 Sherborn PL - Michael Newton
5/15 1 MSSF, Plymouth - MBC Trip
6/2 1 Birch Hill Dam, Royalston - Mark Lynch & Sheila Carroll

Juvenal's Duskywing

4/17 1 Correllus State Forest, West Tisbury - Matt Pelikan
4/23 1 Meadow Road, Montague - Mark Fairbrother
4/24 14 Correllus State Forest, Edgartown - Matt Pelikan
5/9 1 Lamson Rd, Foxborough - Madeline Champagne
5/14 14 Montague Plains - Bill Callahan
5/21 2 Crane WMA, Falmouth - Joe Dwelly
5/25 7 Hoft Farm, W Tisbury - Matt Pelikan
5/29 10 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
6/4 1 Mt. Greylock SR, Lanesborough - MBC Trip

Horace's Duskywing

4/21 2 Westfield - Gagnon, Allen, Higgins
5/12 2 Sherborn PL - Michael Newton
5/29 2 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
7/13 1 E Longmeadow - Karen Parker
7/30 3 FS WMA, Longmeadow - Michael Newton
8/11 1 Crane WMA, Falmouth - Joe Dwelly
9/10 3 HPM, Woburn - Mark Rosenstein
9/12 2 Sylvan Nursery, Dartmouth - Bo

Zaremba

10/6 1 Northampton CG - Tom Gagnon

Wild Indigo Duskywing

4/29 1 Canton - Matt Arey
5/12 10 Sherborn PL - Michael Newton
5/20 5 HPM, Woburn - Mark Rosenstein
5/21 15 Delaney WMA, Stow - Michael Newton
7/11 4 Chicopee - Bill Callahan
7/17 11 Northampton NABA - Mark Fairbrother
7/23 2 MMP, Williamstown - Bill & Nancy Callahan
8/11 6 Crane WMA, Falmouth - Joe Dwelly
8/20 4 Northampton CG - MBC Trip
9/7 1 Natick - Greg Dysart
9/10 1 Tower Hill, Boylston - Dawn Puliafico
9/20 4 Northampton CG - Bo Zaremba
10/3 1 Northampton CG - Tom Gagnon
10/8 1 Plum Island, Newbury - Matt Arey

Common Checkered-Skipper

8/3 1 Northampton CG - Tom Gagnon
9/2 3 Northampton CG - Tom Gagnon
9/11 3 Northampton CG - Tom Gagnon
9/12 5 Williamstown - Gael Hurley
9/14 1 Canoe Meadows, Pittsfield - Gael Hurley
9/14 6 Williamstown - Gael Hurley
9/16 8 Northampton CG - Newton, Gagnon
9/20 1 Florence - Bill & Nancy Callahan
10/3 1 Northampton CG - Tom Gagnon
10/5 1 Moran WMA, Windsor - Gagnon, Higgins
10/21 1 FS WMA, Longmeadow - Bill Callahan

Common Sootywing

5/18 1 Dinosaur Footprints TTOR, Holyoke - Bill Callahan
6/4 1 Hawley - Mark Lynch & Sheila Carroll
6/7 3 BMB WS, Worcester - Steve Moore
7/17 66 Northampton NABA - Mark Fairbrother et al.
8/7 2 Hardwick, Mandell Hill EQLT - Wendy Howes, Alan Rawle
8/19 2 Boston Nature Center - Lucy Merrill-Hills
8/24 11 Northampton CG - Bill Callahan
8/28 1 Grafton - Dolores Price
9/18 1 Tower Hill, Boylston - Fred Bouchard
Arctic Skipper
5/29 1 Moran WMA, Windsor - Gael Hurley
5/31 1 Royalston - David Small
6/4 1 Barry Yard, Paxton - Elise Barry
6/4 4 Hawley - Mark Lynch & Sheila Carroll
6/6 24 Moran WMA, Windsor - Bill Callahan

- 6/6 1 Rowe - Diane Potter
- 6/7 1 Ashburnham - Bo Zaremba
- 6/24 1 Moran WMA, Windsor - Moore,
Newton, Gagnon

Least Skipper

- 6/4 9 Appleton Farms, Ipswich - MBC Trip
- 6/7 2 FS WMA, Longmeadow - Bill Callahan
- 6/12 20 Monson - Mark Lynch & Sheila
Carroll
- 6/25 9 Sandisfield - Mark Lynch & Sheila
Carroll
- 7/16 3 CST, Westborough - MBC Trip
- 8/5 1 Graves Farm, Williamsburg - Bill
Benner
- 8/16 30 FS WMA, Longmeadow - Bill
Callahan
- 8/25 11 FS WMA, Longmeadow - Bill
Callahan
- 9/2 49 Correllus State Forest, Edgartown
- Matt Pelikan
- 9/11 1 WMWMA, New Braintree - Wendy
Howes, Alan Rawle
- 9/23 6 Eastham - Mark Faherty
- 10/7 1 Northampton CG - Bill Callahan
- 10/7 1 AP Allens Neck, Dartmouth - Michael
Newton

European Skipper

- 6/4 18 Breakneck Hill Conservation Land,
Southborough - Bill & Nancy Callahan
- 6/24 18 North Adams, Mt. Greylock State Res.
- Moore, Newton, Gagnon
- 7/1 232 S Berkshire NABA - Rene Wendell
et al.
- 7/2 371 Blackstone Valley NABA - Tom Dodd
- 7/16 2 Falmouth NABA - Joe Dwelly et al.

Fieri Skipper

- 7/13 1 Plum Island, Newbury - Matt Arey
- 8/9 1 Northampton CG - Bill Callahan, Tom
Gagnon
- 8/21 2 Northampton CG - Bill & Nancy
Callahan
- 8/21 1 Westwood - Erik Nielsen
- 9/2 1 Fresh Pond, Cambridge - Mark Rose
stein
- 9/8 1 Boston Nature Center - Lucy Merrill-
Hills
- 9/10 3 Sylvan Nursery, Dartmouth - Michael
Newton
- 9/13 1 Franklin - Keith Shaw
- 9/16 9 Northampton CG - Newton, Gagnon
- 9/18 4 Verrill Farm, Concord - Matt Arey
- 9/20 1 Stonehill College, Easton - Nick Block
- 10/3 1 Sylvan Nursery, Dartmouth - Lauren
Miller-Donnelly
- 10/7 1 Northampton CG - Bill Callahan

- 10/13 1 Marblehead - Karen Haley

Leonard's Skipper

- 8/19 1 Tully Dam, Royalston - Ron & Sue
Cloutier
- 8/23 3 BMB WS, Worcester - Steve Moore
- 8/26 1 Groton - Tom Murray
- 8/28 1 Lake Wampanoag WS, Gardner - Bill &
Nancy Callahan
- 9/2 27 Correllus State Forest, Edgartown
- Matt Pelikan
- 9/4 1 Greenfield - Mark Fairbrother
- 9/10 4 Morning Glory Farm, Edgartown
- Matt Pelikan
- 9/12 6 Crane WMA, Falmouth - Joe Dwelly
- 9/26 1 Wellfleet Bay Ws, Wellfleet - Bo
Zaremba

Cobweb Skipper

- 5/11 3 Turners Falls Airport - Mark Fairbrother
- 5/14 6 Athol - Ron & Sue Cloutier
- 5/14 10 Montague Plains - Bill Callahan
- 5/18 8 Birch Hill Dam, Royalston - Mark
Lynch & Sheila Carroll
- 5/26 5 Correllus State Forest, West Tisbury
- Matt Pelikan
- 6/1 3 Montague Plains - Josh Rose
- 6/2 1 Birch Hill Dam, Royalston - Mark
Lynch & Sheila Carroll

Indian Skipper

- 5/26 4 Correllus State Forest, West Tisbury
- Matt Pelikan
- 5/28 27 Florence - Bill & Nancy Callahan
- 5/30 1 Turners Falls Airport - Mark Fairbrother
- 5/30 5 MBWMA, Newbury - Matt Arey
- 6/1 5 Holliston - Richard Hildreth
- 6/4 1 Muddy Brook WMA, Hardwick - Brian
Klassanos
- 6/4 1 Rowe - Diane Potter, Mark Fairbrother
- 6/6 8 Florence - Bill Callahan
- 6/7 2 Ashburnham - Bo Zaremba
- 6/12 1 MBWMA, Newbury - Matt Arey

Peck's Skipper

- 5/20 1 McDonald Nature Preserve, Wilbraham
- Bill & Nancy Callahan
- 5/25 22 Hoft Farm, W Tisbury - Matt Pelikan
- 6/4 11 Appleton Farms, Ipswich - MBC Trip
- 6/15 5 MHF, Sharon - Madeline Champagne
- 7/13 8 Bullitt TTOR, Ashfield - MBC Trip
- 7/27 11 E Longmeadow - Karen Parker
- 8/14 40 Northfield - Bill & Nancy Callahan
- 8/21 9 Allens Pond Wildlife Sanctuary,
Dartmouth - MBC Trip
- 9/5 10 Mount Wachusetts, Princeton - Matt
Arey
- 10/3 1 Oak Bluffs - Matt Pelikan
- 10/7 1 Northampton CG - Bill Callahan

Tawny-edged Skipper

- 5/5 1 16 AGC, Springfield - Bill & Nancy Callahan
5/17 1 McDonald Nature Preserve, Wilbraham - Bill & Nancy Callahan
5/23 1 Moore SP, Paxton - Elise Barry
5/25 7 Hoft Farm, W Tisbury - Matt Pelikan
5/29 7 Nasketucket Bay Reserve, Mattapoisset - Michael Newton
6/1 5 Wenham Canal - Matt Arey
6/12 15 AP Allens Neck, Dartmouth - Michael Newton
6/25 1 Tully Dam, Royalston - Steve Moore, Michael Newton
7/11 1 Chicopee - Bill Callahan
7/16 10 C Berkshire NABA - Tom Tynning et al.
8/3 10 E Longmeadow - Karen Parker
8/9 5 Northampton CG - Bill Callahan, Tom Gagnon
8/14 8 Northfield - Bill & Nancy Callahan
8/30 4 Northampton CG - Bill Callahan
9/4 1 Belchertown - Wendy Howes, Alan Rawle
9/22 1 Northampton CG - Mark Fairbrother

Crossline Skipper

- 7/2 1 GBH, Canton - MBC Trip
7/6 2 Wellfleet Bay Ws, Wellfleet - Mark Faherty
7/9 2 E Longmeadow - Karen Parker
7/13 3 N Berkshire NABA - Tom Tynning et al.
7/16 1 Falmouth NABA - Joe Dwelly et al.
8/19 1 Holliston - Richard Hildreth
8/28 1 Grafton - Dolores Price

Long Dash

- 5/25 3 Hoft Farm, W Tisbury - Matt Pelikan
6/2 13 Fountain Park, Wilbraham - Bill & Nancy Callahan
6/4 8 Appleton Farms, Ipswich - MBC Trip
6/10 2 Attleboro Springs - Kathleen Walker
6/18 2 Warwick - Mark Fairbrother
6/24 1 Mt. Greylock State Forest, Williamstown - Moore, Newton, Gagnon
7/15 1 Sandisfield - Mark Lynch & Sheila Carroll
7/16 1 Williamsburg Flower Hill Farm - Carol Duke
9/10 2 Morning Glory Farm, Edgartown - Matt Pelikan
9/15 1 Wayland - Michael Newton

Northern Broken-Dash

- 7/1 1 CST, Westborough - Steve Moore
7/8 10 Mount Wachusets, Princeton - Matt Arey
7/16 67 C Berkshire NABA - Tom Tynning et al.
7/23 64 Brewster NABA - Joe Dwelly et al.

- 7/23 20 MMP, Williamstown - Bill & Nancy Callahan
7/29 10 West Whately - Bill Benner
8/5 4 Graves Farm, Williamsburg - Bill Benner
8/6 3 Nasketucket Bay Reserve, Mattapoisset - Lauren Miller-Donnelly

Little Glasswing

- 6/21 1 McDonald Nature Preserve, Wilbraham - Bill Callahan
6/22 1 Borderland St. Park, Easton - Keith Shaw
6/30 8 Lakeview-Morse CA, Sharon - Madeline Champagne
7/1 16 S Berkshire NABA - Rene Wendell et al.
7/2 23 Blackstone Valley NABA - Tom Dodd et al.
7/9 1 Nichols Field, Ipswich - Marjorie Watson
7/11 12 Lakeview-Morse CA, Sharon - Champagne, Adams
7/13 10 N Berkshire NABA - Tom Tynning et al.
7/16 5 Williamsburg Flower Hill Farm - Carol Duke
7/20 3 Allendale Farm, Boston - Lucy Merrill-Hills
7/24 2 Rowden Yard, Leicester - Mark Rowden
8/4 1 Boston Nature Center - Lucy Merrill-Hills

Sachem

- 7/18 1 Falmouth NABA - Alison Robb, et al.
8/7 1 Nasketucket Bay Reserve, Mattapoisset - Matt Arey
8/26 2 Dartmouth - Brian Cassie
9/4 1 Trade Winds, Oak Bluffs - Matt Pelikan
9/10 5 Sylvan Nursery, Dartmouth - Michael Newton
9/11 2 Nasketucket Bay Reserve, Mattapoisset - Matt Arey
9/12 6 Sylvan Nursery, Dartmouth - Bo Zarembo
9/18 1 Verrill Farm, Concord - Matt Arey
10/5 3 AP, Dartmouth - Lauren Miller-Donnelly
10/11 1 AP, Dartmouth - Lauren Miller-Donnelly
10/15 1 Oak Bluffs - Matt Pelikan

Delaware Skipper

- 6/26 1 CST, Westborough - Steve Moore
7/2 17 Blackstone Valley NABA - Tom Dodd et al.
7/12 16 N Worcester NABA - Wendy Howes et al.

7/13 12 N Berkshire NABA - Tom Tynning et al.
7/16 10 C Berkshire NABA - Tom Tynning et al.
7/18 4 October Mountain, Pittsfield - Gael Hurley
7/23 2 MMP, Williamstown - Bill & Nancy Callahan
8/6 1 Cummington - Henry Chinaski
8/7 1 Birch Hill Dam, Royalston - Mark Lynch & Sheila Carroll

Mulberry Wing

7/2 6 Blackstone Valley NABA - Tom Dodd et al.
7/8 2 Erving - Matt Arey
7/16 13 Concord NABA - Dick Walton et al.
7/16 26 CST, Westborough - MBC Trip
7/18 4 October Mountain, Pittsfield - Gael Hurley
8/6 3 Old Colony Rd, Hubbardston - Wendy Howes
8/25 12 Berkshire County - Tom Gagnon et al.

Hobomok Skipper

5/22 1 Delaney WMA, Stow - Matt Arey
5/25 2 E Longmeadow - Karen Parker
5/30 15 MBWMA, Newbury - Matt Arey
6/2 6 Birch Hill Dam, Royalston - Mark Lynch & Sheila Carroll
6/7 10 FS WMA, Longmeadow - Bill Callahan
6/12 5 Monson - Mark Lynch & Sheila Carroll
6/18 2 Savoy - Mark Lynch & Sheila Carroll
6/29 5 Washington - Mark Lynch & Sheila Carroll
7/13 2 N Berkshire NABA - Tom Tynning et al.

Zabulon Skipper

5/23 1 Vineyard Haven - Matt Pelikan
5/29 10 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
6/4 1 Appleton Farms, Ipswich - MBC Trip
6/8 1 Sturbridge, Wells State Park - Mark Lynch & Sheila Carroll
6/12 12 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
7/30 5 FS WMA, Longmeadow - Michael Newton
8/18 1 Boston Nature Center - Lucy Merrill-Hills
8/20 4 FS WMA, Longmeadow - MBC Trip
8/26 12 Dartmouth - Brian Cassie
9/3 6 Sylvan Nursery, Dartmouth - Lauren Miller-Donnelly
9/4 2 S Hadley - Wendy Howes, Alan Rawle
9/16 1 Northampton CG - Newton, Gagnon
Broad-winged Skipper
7/7 1 Appleton Farms, Ipswich - Matt Arey

7/16 1 C Berkshire NABA - Tom Tynning et al.
7/16 13 CST, Northborough - MBC Trip
7/25 7 Springfield - Bill & Nancy Callahan
7/28 1 Heath - Diane Potter
8/2 3 FS WMA, Longmeadow - Bill Callahan
8/5 1 Graves Farm, Williamsburg - Bill Benner
8/19 1 Lenox - Gael Hurley
8/26 1 Dartmouth - Brian Cassie
9/7 1 Rough Meadows WS, Rowley - Matt Arey

Dion Skipper

7/1 1 S Berkshire NABA - Rene Wendell et al.
7/6 2 Fitzgerald Lake, Florence - Tom Gagnon
7/8 1 Fitzgerald Lake, Florence - MBC Trip
7/18 1 October Mountain, Pittsfield - Gael Hurley

Black Dash

7/2 2 Blackstone Valley NABA - Tom Dodd et al.
7/8 12 Erving - Matt Arey
7/11 2 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/13 2 Lake Wampanoag WS, Gardner - Wendy Howes
7/17 6 Northampton NABA - Mark Fairbrother et al.
7/19 4 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/22 1 Rawson Hill CA, Shrewsbury - Bruce deGraaf
8/3 2 Rough Meadows WS, Rowley - Matt Arey

Two-spotted Skipper

7/8 1 Erving - Matt Arey

Dun Skipper

7/1 2 S Berkshire NABA - Rene Wendell et al.
7/2 2 Blackstone Valley NABA - Tom Dodd et al.
7/6 4 Wellfleet Bay WS, Wellfleet - Mark Faherty
7/8 5 Wachusett WS, Princeton - Matt Arey
7/12 8 Washington - Bo Zaremba
7/16 47 C Berkshire NABA - Tom Tynning et al.
7/16 18 CST, Westborough - MBC Trip
7/18 6 October Mountain, Pittsfield - Gael Hurley
7/23 16 Brewster NABA - Joe Dwelly et al.
7/25 6 MBWMA, Newbury - Bo Zaremba
7/29 5 West Whately - Bill Benner
8/6 3 Sheffield - Matt Arey
8/23 1 BMB WS, Worcester - Steve Moore
9/9 1 Sylvan Nursery, Dartmouth - Ron & Sue Cloutier

Dusted Skipper

- 5/21 2 Mt. Tom State Reservation, Holyoke -
Bill & Nancy Callahan
5/22 2 Delaney WMA, Stow - Matt Arey
5/26 2 Correllus State Forest, West Tisbury
- Matt Pelikan
5/28 11 Lamson Rd, Foxborough - Madeline
Champagne
5/30 1 Turners Falls Airport - Mark Fairbrother
6/1 12 Mt. Tom State Reservation, Holyoke -
Bill & Nancy Callahan
6/2 5 HPM, Woburn - Matt Arey
6/6 3 Florence - Bill Callahan
6/15 4 Highland Light, Truro - Bill & Nancy
Callahan
6/16 3 Crane WMA, Falmouth - Bill & Nancy
Callahan
Pepper and Salt Skipper
5/28 2 North Adams, Mt. Greylock State Res.
- MBC Trip

- 6/2 6 Mt. Greylock State Forest, Williams-
town - Greg Dysart
6/7 1 Ashburnham - Bo Zaremba
6/8 1 Sturbridge, Wells State Park - Mark
Lynch & Sheila Carroll

Ocola Skipper

- 8/1 1 Canoe Meadows, Pittsfield - Gael Hurley
8/21 1 Westgate CA, Wareham - Lauren
Miller-Donnelly
9/7 1 Rough Meadows WS, Rowley - Matt
Arey
9/10 2 Sylvan Nursery, Dartmouth - Michael
Newton
9/20 2 Northampton CG - Bo Zaremba
10/5 1 FS WMA, Longmeadow - Bill Callahan
10/7 4 Sylvan Nursery, Dartmouth - Michael
Newton
10/21 1 FS WMA, Longmeadow - Bill
Callahan



Green was the silence,
Wet was the light,
The month of June
Trembled like a butterfly.

-Pablo Neruda



Canadian Tiger Swallowtail (*Papilio canadensis*),
5/19/16, Hopkinton, Dawn Puliafico

2016 Donor-Volunteers

Monetary and in-kind contributions includes 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 includes leading field trips or counts; working for Barbara J. Walker Butterfly Festival; manning the MBC table at Mass Land Trust Conferences or other events; helping set up and clean up at the Pot Lucks; running the MBC Monarch Guardian Program; providing products for the club to sell or auction or distribute; leading walks for, or speaking to, trusts or other organizations; conducting butterfly institutes; contributing articles or photographs to the club journal; working toward the establishment of a state butterfly; other services. The lists are for calendar year 2016. Sincere apologies to anyone we inadvertently missed.

Monetary and In-Kind Contributions

Anonymous
 Elise Barry
 Bill Benner
 Jeff Boettner
 Carl Kamp
 Tom Gagnon
 Howard Hoople
 Gail Howe Trenholm
 Rosemary Mosco
 Dawn Puliafico
 Barbara Volkle
 Joe Wicinski

Madeline Champagne
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 Tom Dodd
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 Sharon Stichter
 Kristin Steinmetz
 Tom Tynning
 Barbara Volkle
 Dick Walton
 Rene Wendell
 Tom Whelan
 Joe Wicinski
 Bo Zaremba

Volunteer Services

Don Adams
 Elise Barry
 Karl Barry
 Bill Benner
 Bill Callahan
 Nancy Callahan
 Brian Cassie



Eastern Tiger Swallowtail
 (*Papilio glaucus*), 8/16/16,
 Whately, Bill Benner

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 15 for the Spring issue.

Send NABA Fourth of July count results to Tom Gagnon tombwhawk@aol.com by **August 15** for inclusion in the Fall issue. Send your season sightings and records to Mark Fairbrother 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>

Contributions

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

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Massachusetts Butterflies has been published continuously since 1993. Previous issues are viewable at <http://www.massbutterflies.org/club-publications.asp> after a one-year time lag. Print copies may be ordered for \$7 each, if still available. Send a check made out to "NABA-Massachusetts Butterfly Club" to our secretary, Barbara Volke, at the address on the inside cover.





Buck Cooper (from left, sitting) with his wife Linda, Bruce Callahan, Tom Gagnon, and (standing) Barbara Volkle and Steve Moore. They are sitting at the NABA Butterfly Center in Texas in November 2015, on a bench that Tom, Bruce, Barbara, and Steve dedicated to Buck. Buck passed away a few months ago in Florida, and is sorely missed by his friends and the entire NABA community.



Hessel's Hairstreak (*Callophrys hesseli*), 2017 NABA-MBC Butterfly Project focus species, photo courtesy M. W. Nelson/MassWildlife