

Massachusetts Butterflies



Spring 2018, No. 50

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American Lady
(*Vanessa virginiensis*)
showing brushfoot,
4/17/17, Shrewsbury,
Bruce deGraaf



Cover photo:
Cabbage White (*Pieris rapae*),
7/22/17, Westport, Lucy Merrill-Hills

The Butterflies of Massachusetts

Matt Pelikan

How long have you been interested in butterflies, and how did you get started in butterflying?

I've enjoyed butterflies for as long as I can remember and certainly knew many of the common, conspicuous species by the time I was in second or third grade. But my interest really took off about 25 years ago, when I was in my mid-30s and lived in Arlington, Massachusetts. I was spending a lot of time birding at the Arlington Great Meadow in East Lexington, which was just a couple of miles from home, and began photographing butterflies when the birding was slow. Sorting out the duskywings was the challenge that really got me hooked (I've always had a fondness for clusters of very similar and closely related species). That was the location where I first realized how many butterflies were around and started to discover that I could actually find and identify them. I discovered the Massachusetts Butterfly Club around 1995 and got some important help and encouragement on a few field events before I moved to the Vineyard.



Where did you grow up? Did your early life have a strong influence on your butterfly and natural history interests?

I grew up in Lexington, Massachusetts, and had an affinity for animals and wildlife from the time I was first able to express myself. My father was a bit of a birder

but, more generally, was just curious about anything having to do with the natural world, and a lot of that rubbed off on me. Birding was definitely my first obsession, but our house was near extensive woodland and wetland, and I spent a huge portion of my childhood exploring it, catching frogs, and just being out in a natural setting. I'm much more comfortable alone out in nature than in any kind of social setting, and a good chunk of my mind is constantly occupied with noting and interpreting what's going in the natural world around me.

What is it like living "off-continent"? What do you think are the best, as well as your least favorite, aspects of island life?

The best and the worst aspects of island life are really one and the same: it's a little remote and secluded, which sometimes feels safe and reassuring and sometimes feels restrictive, almost claustrophobic. I really appreciate the unique ecology of the Vineyard: droughty glacial soils combined with a coastal location combined with a history of frequent fire and storm disturbance. I love being surrounded by the ocean. And the island's human community, because of its small size and isolation, is a closely knit one with a strong sense of identity, and I find that very satisfying. The dramatic swing between the frantic tourist season and the very quiet winter took some getting used to; like a lot of Vineyarders, I prefer the off-season, especially our very beautiful autumn.

How do you think that butterflying on the Vineyard differs from what the rest of us experience during the season?

A key factor is the ocean-influenced climate. Our spring is late relative to the mainland, held back by the cold ocean, and often cloudy and damp as well. But our autumn lasts much longer (though climate change may be erasing some of that difference). We've also got a different mix of habitats on the Vineyard, with some communities that are limited in extent on the mainland being quite dominant here (for example, bluestem grassland and scrub oak/pitch pine barrens). Also, being an island with limited diversity of

habitat types, the Vineyard has somewhat lower butterfly diversity than one might expect (we're especially short on freshwater wetlands). Acadian Hairstreak, Henry's Elfin, Black Dash, Delaware Skipper, Eastern Comma, and Great Spangled Fritillary are among the species that you might expect would breed on the Vineyard, but apparently don't. Finally, the relative abundance of the species that do occur here often seems different from what's observed on the mainland. Dreamy Duskywing, for example, is a genuine rarity on the Vineyard -- I record it maybe once every three or four years, always in very low numbers -- while Sleepy Duskywing can be downright abundant. And Edwards' Hairstreak always far outnumbers the other Satyriums.



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

Have you observed any changes in Vineyard butterflies over the years that you'd like to share?

Several new species have turned up in recent years, as is the case on the mainland: Zabulon Skipper and Red-banded Hairstreak, for

example, both appear to be getting established here (later than on the mainland, presumably because the water barrier made it harder for them to get here). A few “specialty species” that were pretty common here when we moved here in 1997 have become less common over time: Leonard’s Skipper and Hoary Elfin, for example. I don’t know why. And Orange Sulphurs, which were once incredibly numerous at some locations, are much less common now, probably because cultivation of alfalfa had declined. Like much of the mainland, we’re seeing Sachem trying to get established: they were very common here for a few years before they died back in the hard winter of 2014-15.

Do you have a favorite butterfly? Why do you like that one?

Leonard’s Skipper! They’re so striking in appearance and so energetic. I think the skippers generally are my favorite group, and *Hesperia* is my favorite genus.

Can you tell us something about yourself that we probably wouldn’t already know?

I’m a hard-working, if basically untalented, amateur musician, playing violin, viola, and recorder. And I was quite a jock in my younger days: runner, bike racer, and an all-conference volleyball player in college.

Are there things about Martha’s Vineyard natural history that you can share that you think the rest of us might not, or perhaps should, know?

I think off-islanders don’t fully appreciate how artificial the Vineyard landscape is. There’s lots of good habitat, full of native plants and associated animals. But both native Americans and European settlers used fire extensively as a management tool, and accidental wildfires, some of the burning a significant percentage of the island, were frequent up into the middle of the 20th century. And the majority of the island was completely deforested and used for

grazing sheep for decades in the late 18th and early 19th centuries. The landscape today may look pristine, but it has been shaped by thousands of years of energetic human activity. The filtering effect of the ocean barrier is another factor that people often underestimate. Certain migratory species that are common in mainland Massachusetts rarely turn up on the Vineyard: Broad-winged and Red-shouldered Hawks, for example, among the birds, are very rare here, and many of the migratory or irruptive skipper species seem to be deterred by the water (there are no Vineyard records for Ocola Skipper, for example, and Fiery Skipper occurs here far less regularly than it does on the mainland).

What would you say to the rest of us about butterfly conservation in Massachusetts, and/or elsewhere? What do you think are some of the major challenges, on the Vineyard and beyond?

Here and elsewhere, habitat conversion and fragmentation is a huge issue. Close to a third of the Vineyard's land area has been conserved, which is impressive. But many of the preserved tracts are small and disjunct, and so it's important to try to maintain the landscape context around them in as healthy a condition as possible. But probably the biggest challenge, to my mind, is keeping the people in our society interested enough in the natural world to want to protect it, and to have a sense of what protecting it entails. Most people aren't skilled naturalists. As long as they have some open space to look at and lots of dramatic nature footage to watch on cable TV, they tend to think everything is okay, while to a naturalist's eye, wildlife numbers and diversity plummet and habitat quality declines. It's impossible to muster a societal commitment to conservation without a certain level of knowledge and familiarity with the natural world, and I worry that this sort of visceral connection to nature is being lost. In other words, as I see it, conservation is as much a social project as a biological one. So I think the NABA-MBC has an important role to play in reaching out to the greater community.



Graves Farm Mass Audubon Sanctuary
Williamsburg, Hampshire Co., MA
by Bill Benner



Massachusetts Audubon Society's Graves Farm Sanctuary is a 607 acre mosaic of fields, upland forests, and wetlands located within a larger tract of forested habitat in the eastern lowest foothills of the Berkshires, as they drop into the Connecticut River valley. Thousands of acres of forested land

stretch north and west of the sanctuary, providing a connection to a large expanse of undeveloped and lightly used land that supports many butterfly species as well as moose, bear, bobcat, coyote, both red and gray fox, beaver, fisher, mink, and other mammals, along with over one hundred species of birds. To date, we have records of 64 butterfly species for the property, including (rarely) the state-listed Dion Skipper (*Euphyes dion*). Other specialties include Silvery Blue, Baltimore Checkerspot, Meadow Fritillary (declining?), and in some years, good numbers of hairstreaks.

The preserve was historically a dairy farm belonging to two brothers, Tom and Harry Graves. They lived together in the old farmhouse that still stands on Adams Road, surrounded by the preserve. They were first and foremost dairymen, but they also loved nature, particularly the birds. Wanting to preserve the land for future generations of nature lovers, they approached Mass Audubon, who ended up acquiring the land itself. The house and barn, however, along with a couple of acres of land that they sit on, remained private property, and are not part of the Sanctuary. This is worth remembering when you are butterflying here, so as to not trespass and unduly disturb the residents of this private home.

Access to the sanctuary involves parking at the only parking lot, on the south side of Adams Road, 1.3 miles west of the intersection of Adams Road and Haydenville Road (for directions and a map of the Sanctuary, see links on p.11). There is no parking anywhere along Adams or Depot Roads that cut through the sanctuary, so be sure to park

only in this lot. Please note that there are no restrooms here, and no shade for parking. Also, this sanctuary does not have a visitor's center, nor can you count on being able to get a trail map after you arrive, though there is a kiosk near the lot, with a large map you can take a cell phone photo of. And while there are a few trails and loops, most of these go through the forest, whereas the best butterflying involves walking along the road and out into the fields. Be respectful, however, of the nesting Bobolinks, Eastern Bluebirds, American Kestrels, and Tree Swallows, and avoid disturbing any areas where there are nest boxes or active nests.

The first area to check when you arrive and park will be right in front of you—the big field next to the parking lot, and the parking lot itself. First check the gravel lot and its edges. Eastern Tailed-Blues, Cabbage Whites and sulphurs, and Pearl Crescents in the low flowers along the edge are often joined by grass skippers such as Peck's, Tawny-edged, Northern Broken-Dash, Little Glassywing, and Dun Skippers. Uncommon species like Meadow Fritillary might also be right around the parking area, and the most recently recorded Gray Comma was sunning itself on the gravel at the entrance to the lot. Walking out into the field from the parking lot, you will soon encounter large patches of both Dogbane and Milkweed. If you have timed your visit well, either of these might be in full bloom, in which case butterfly numbers can be very high. Great Spangled Fritillaries might be quartering the field in front of you, but check each one you can get a landed look at, because Aphrodites are uncommon but regular here. In a good year, there might be anywhere from one or two to a dozen (or, in earlier days, many more!) Monarchs easily visible in the Milkweed. Many other butterflies can be found scattered among the Dogbane if it is in bloom, and even the large swallow-tails will nectar on its sweet little flowers. And don't miss looking at the shiny golden-green Dogbane Beetles, which can be common if the timing is right.

A trail skirts along the south (left) edge of the field from the parking lot, and enters the woods at the back corner. There are few butterflies in the forest, but as the land drops downward, you come to an area where a narrow strip of forest on your left separates you from a large expanse of open marsh and swampland. It is worth going to the edge of this and checking any blooming plants (e.g. Swamp Milkweed) for nectaring butterflies, as Dion Skipper has been seen here in the past. This state-listed species has even been found in the south corner of the parking lot field,

before even entering the forest trail. If you have come this far along the forest trail, you can continue around the trail loop, though butterflies in the woods are few, or you can retrace your steps back to the parking area.

Back at the parking lot, head west along paved Adams Road through the sanctuary, being extremely careful of traffic! The road is narrow, and well-traveled, and cars may be moving quickly, so be very cautious. This shaded road sometimes yields a satyrid or two, or Eastern or even Gray Comma. Across the road from the lot, and continuing along your right as you walk, you'll see the first of a series of fields, and you can enter these on a little farm lane that goes through the treeline 0.1 miles down the road. These upper fields are full of Common Milkweed, and again can be outstanding for butterflies, including the further field as you continue to the upper right (east). This is another good spot to try for Meadow Fritillary, and this field also has been the best one for Silvery Blue. Wandering back west through the fields, parallel to the road, will lead you downwards to another treeline, and it's possible to bushwack through that treeline to a smaller field (or go back out to the road and enter the smaller field along another lane leading into it from the road, another 0.1 mile further west). This smaller field has historically been the best spot for hairstreaks, and the milkweeds filling this field should be carefully checked for Banded, Hickory, Coral, and Striped, and even rarities like White M, Gray, or Oak Hairstreaks.

Heading back out to the road again, and turning right, you will be heading down to the stream at the bottom in another 0.1 miles, which may or may not be a dammed beaver pond, depending upon recent activity. Watch for Northern Pearly-Eye along these shaded roadside walks. The open wet streamsidings on either side of the road at the bottom can have more nectaring butterflies, and there is sometimes some puddling happening at the little pull-off there by the roadside. (Don't leave your car here!) Folks have even occasionally, though rarely, seen Moose in the wet pond edge.



Northern Pearly-Eyes (*Enodia anthodon*), 7/16/17, Williamsburg, MA, Carol Duke

Continuing west along the road, you soon come to the open wet areas on either side, and then the farmhouse on the right, 0.2 miles from the pond. The wet ditches along this stretch of road can be another good butterfly-ing spot, with Baltimore Checkerspots and Appalachian Brown among the possibilities. The eaves under the barn roof have long hosted nesting Cliff Swallows, uncommon in the state and decreasing at this site; watch for their pale buffy rumps and square tails as they zoom around overhead.

Just beyond the house, and before the next intersection with Depot Road, there is a trail that goes up the hillside on the right and leads up to more open fields, with scattered apple trees, and sometimes some mown pathways. Don't trespass on the house's private property (there are small signs all around it marking the sanctuary boundary), but instead head straight back toward the wetland habitat at the far end of the field. Here is the best location for Baltimore Checkerspots, as well as possible Silver-bordered Fritillaries, and Viceroy's on the willows. Be careful of your feet, depending on the year; if it's rained a lot, then the ground will be saturated and even wet as you get near the small marshy rivulet that runs down the hill from left to right in front of you.

After this, you can retrace your steps back to the car, rechecking any likely spots for butterflies you might have missed. If you are really adventurous, you can return by working your way to the right around the back side of the house, down the marshy field as it descends and goes around the north side of the private property, keeping away from the property boundary, and then go around to the right (south) beyond this property to work your way back to the road. This might be a wet walk, but you have a better chance for Appalachian or Eyed Browns down in the lower wetland to the east of the house and barn. Black Dash and Mulberry Wing are so far unrecorded for the property, but these wet areas, and/or along the pond, would be the best place to look for them.

Most of all, enjoy the day. We have had some great wildlife encounters here, and the habitat is serene and peaceful. As with all Mass Audubon sanctuaries, take only photos, and leave only footprints.

Species List (Total = 64)

Giant Swallowtail (R), Black Swallowtail (U), Canadian Tiger Swallowtail (U), Eastern Tiger Swallowtail (C), Spicebush Swallowtail (U),

Cabbage White (C), West Virginia White (R), Clouded Sulphur (C), Orange Sulphur (U), American Copper (U), Coral Hairstreak (U), Banded Hairstreak (U), Hickory Hairstreak (R), Striped Hairstreak (U), Eastern Pine Elfin (U), White M Hairstreak (R), Gray Hairstreak (R), Eastern Tailed-Blue (C), Spring/Summer Azure (U), Silvery Blue (U), Great Spangled Fritillary (C), Aphrodite Fritillary (U), Silver-bordered Fritillary (U), Meadow Fritillary (U), Pearl Crescent (A), Baltimore Checkerspot (U), Question Mark (U), Eastern Comma (U), Gray Comma (R), Compton Tortoiseshell (R), Mourning Cloak (U), Milbert's Tortoiseshell (R), American Lady (U), Painted Lady (U), Red Admiral (U), Common Buckeye (R), Red-spotted Admiral (hybrid/Purple forms) (U), Red-spotted Admiral (White Admiral form) (U), Viceroy (U), Northern Pearly-Eye (U), Appalachian Brown (U), Eyed Brown (U), Little Wood-Satyr (U), Common Ringlet (C), Common Wood-Nymph (C), Monarch (U), Silver-spotted Skipper (C), Northern Cloudywing (R), Dreamy Duskywing (R), Juvenal's Duskywing (U), Wild-Indigo Duskywing (R), Least Skipper (U), European Skipper (A), Peck's Skipper (C), Tawny-edged Skipper (C), Crossline Skipper (U), Long Dash (U), Northern Broken-Dash (C), Little Glassywing (C), Delaware Skipper (U), Hobomok Skipper (U), Zabulon Skipper (R), Dion Skipper (R), Dun Skipper (C)

For directions to Graves Farm, see:

<https://www.massaudubon.org/get-outdoors/wildlife-sanctuaries/graves-farm/directions>

For a trail map, go to:

https://www.massaudubon.org/content/download/8035/145099/file/gravesfarm_trails.pdf



Monarch caterpillar (*Danaus plexippus*) on
Common Milkweed, 9/5/17, Graves Farm,
Williamsburg, MA, Bill Benner

2017 Season Summary and Records

Mark Fairbrother

After a winter most of us would rather forget, the season got started with the usual spate of Mourning Cloak, Eastern Comma 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 2017 Mourning Cloaks started things off on February 23rd, and a Monarch in Amherst on December 1 closed the door on its way out (and south, we hope).

Well over 7,000 records were received for the 2017 season, which continued an upward trend. A number of new people submitted 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. 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 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.

The number of species reported for 2017 was 106.

SWALLOWTAILS

Giant Swallowtail continue to be widely reported, but most were singletons with no double-digit reports away from Sheffield. Boston's Arnold Arboretum was the most likely place to find Pipevine Swallowtail in 2017, with several sightings also from Northampton. Black, Eastern Tiger, and Canadian Swallowtail reports continued about average, while Spicebush Swallowtail numbers were again up. Appalachian Swallowtail was reported once from Windsor.

WHITES AND SULPHURS

Checkered White appeared at the NCG in small numbers again this fall. 2017's only Long-tailed Skipper was at Newburyport in September. Mustard White was reported from the usual locations in Berkshire County, while West Virginia White was reported from a few of places from the CRV west into Berkshire County. Cabbage White- yes. Clouded and Orange Sulphurs were about average, with only five reports for Cloudless Sulphur, all along the coast.

GOSSAMER-WINGS

Harvester reports were down sharply from 2016, and nearly confined to the Mystic Lakes and Longmeadow.

American Copper reports were again about average after a somewhat off year in 2016. Bog Copper and Bronze Copper were both reported from the usual locations in mostly usual numbers. Coral Hairstreak was reported mostly from the east, with only a couple sightings in Franklin and Berkshire Counties. Edwards Hairstreak

reports were again limited to Canton, Woburn, and the Cape. Striped Hairstreak numbers were off with reports scattered sparsely across the state. Frosted Elfins feeding on *Baptisia* were relatively widespread in the east, while the lupine feeders were reported from a couple sites in the CRV. Bog Elfin was not reported. Henry's Elfin were reported from the eastern half of the state, while Hoary Elfin was as usual reported in generally small numbers only from Plymouth Co., the Cape and Islands. Red-banded Hairstreak continues to expand both range and numbers. While the big action is in the southeast, outliers are showing up in locations almost to NH, with one also found in Sheffield. I had the pleasure to add RBHA to the club database just a few short years ago; who would have thought we'd already have numbers up to 70 anywhere. Hickory Hairstreak was reported only once, from Newbury. White-M Hairstreak is also continuing to pioneer across the state, with records from Orange and Whately. Hessel's Hairstreak was again unreported (*ed. note*: Alarming, since the club's members made a concerted but unsuccessful effort to find this species in 2017 in multiple historic locales; see *Massachusetts Butterflies*, Spring 2017, Issue #48, pp. 2-4). Juniper Hairstreak was found mostly in Woburn, and elsewhere near the coast. Gray Hairstreaks were reported widely all season, but again not from Berkshire County. Early Hairstreak was reported from two locations, Mt. Greylock and another Berkshire Co. site. Spring and Summer Azure numbers and sightings both were about average. There were six reports of Cherry Gall Azure, all from the eastern half of the state. Silvery Blue reports and numbers continued mostly low, and reports were from Worcester County westward to the Berkshires.

BRUSHFOOTED BUTTERLIES

Variegated Fritillary reports were widespread across the state in low numbers. Great Spangled Fritillary had an average year, while Aphrodite Fritillary reports were scattered across the northern half of the state. Atlantis Fritillary numbers continue to be very low and mostly limited to the Berkshires. Few reports of Meadow Fritillary were received while Silver-bordered Fritillary was re-

ported in more expected numbers and places. Only seven reports of Harris' Checkerspot were received, all from Worcester County. Baltimore Checkerspot was well documented from a small number of locations. Question Mark reports were again rather low and mostly of single individuals, while Eastern Comma was well and widely reported all season. Gray Comma was again mostly in the Berkshires and Newbury. Mourning Cloak was seen often in the first month of the season, when it is most needed, and somewhat less so after that. Milbert's Tortoiseshell started appearing again as the season went along, while Compton Tortoiseshell was seen twice, once on both ends of the state. American Ladies were reported widely in low numbers throughout the season while Painted Lady kept gaining numbers all year and were abundant especially in the southeast in the fall. Common Buckeye showed up early and remained widespread and fairly common (!) through the end of the season.

Viceroy was reported widely after the first half of June. Hackberry Emperor was reported only from the usual location in Springfield, while Tawny Emperor was reported once from Berkshire County. Northern Pearly-eye was reported from everywhere except the southeast. Eyed Brown was reported almost solely from Westborough, while Appalachian Brown reports were from Longmeadow and scattered sites in Worcester County. Little Wood-Satyr and Common Ringlet reports were about average, and Common Wood-Nymph reports were about as would be expected. Monarchs were reported early and often, with the last being seen in Amherst December 1, but again in numbers well below what we should see, especially in the southeast in fall.

SKIPPERS

There was only one Long-tailed Skipper report in 2017, in Newburyport. Hoary Edge was reported only from Broad Meadow Brook and Central Franklin County. The Cloudywings were where they usually are, as were the Duskywings. Common Checkered Skipper was again in residence at the NGC later in the season,

while Common Sootywing reports were again sparse. Although Arctic Skipper is surely widespread in the north and west, it is only reported from one site in Windsor. Least Skipper was frequently reported well into the fall and sometimes in good numbers. Fiery Skipper was popular again in small numbers, and Indian Skipper appeared to have an up year.

Leonard's Skipper did a little better again with reports mostly from the eastern half of the state. Cobweb Skipper was reported from the usual sandplain locations. Peck's Skipper had a good, long season, as did Long Dash. 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 from three locations, while Two-spotted Skipper was reported three times, all in Berkshire County. Pepper and Salt Skipper was reported from Longmeadow, Grafton, and Windsor. Sachem was found on Martha's Vineyard and Dartmouth, while this year's outlier was in Northampton. Ocola Skippers were found in eight different places in 2017, singles except for 3 in Fairhaven in October.

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 Wild-life Sanctuary; WRR-Waskosim's Rock Reservation; WS=Wildlife Sanctuary

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Eastern Tiger Swallowtail
(*Papilio glaucus*), 7/20/17,
Williamsburg, MA, Carol Duke



Spicebush Swallowtails(*Papilio troilus*);
above: 8/6/17, Belchertown, Bernie Rubin-
stein; below: 8/24/17, Bristol, MA,
Mark Rosenstein



Pipevine Swallowtail, (*Battus philenor*),
9/1/17, Jamaica Plain, Lucy Merrill-Hills



Giant Swallowtail (*Papilio
cresphontes*), 8/11/17, Adams,
MA, Jeanne Boudreau



Black Swallowtail (*Papilio polyxenes*),
8/7/17, West Bridgewater, MA, Don Adams



Bill Callahan, Howard Hoople, and Mark
Rosenstein, 4/23/17, Horn Pond Mtn.,
Woburn, MA, Lucy Merrill-Hills



Frank Model, Garry Kessler,
and Bo Zaremba, 8/3/17, Dana
Meadow, Annie Reid



Juniper
Hairstreak
(*Callo-
phrys
gryneus*),
5/18/17,
Edgar-
town, Matt
Pelikan

Marjorie Watson and Lucy
Merrill-Hills, 8/26/17, Nasketucket
Bay Reservation, Mattapoissett,
MA, Dawn Vesey

Brown Elfin
(*Callophrys
augustinus*),
4/24/17, Broad
Meadow Brook,
Worcester, MA,
Bruce deGraaf





Red-banded Hairstreak (*Calycopis cecrops*), 8/26/17, Mattapoisett, MA, Marjorie Watson

Monarchs (*Danaus plexippus*), 8/24/17, Falmouth, MA, Becky McCullough



Question Mark (*Polygonia interrogationis*), 9/10/17, Winchester, MA, Mark Rosenstein



Delaware Skipper (*Anatrytone logan*), 9/12/71, Shrewsbury, MA, Bruce deGraaf



Two-spotted Skipper (*Euphyes bimacula*), 6/27/17, Berkshire Co., Bo Zarembo



American Copper (*Lycaena phlaeas*), 7/8/17, Alan Rawle



**Traffic Island Gardens,
Andover, MA, 2016 and 2017,
Kristina Trott**



American Lady (*Vanessa
virginiensis*), 11/2/17,
Andover, Kristina Trott



Painted Lady (*Vanessa
cardui*), 10/4/17,
Andover, Kristina Trott

Monarch (*Danaus
plexippus*), 10/21/17,
Andover, Kristina Trott

Andover Memorial Hall Library
and traffic island gardens,
Spring 2017, Kristina Trott



Andover's Traffic Island Gardens, by Kristina Trott

I haven't anything exotic to share, just some heartening examples of pollinators taking full advantage of an isolated bit of foraging habitat in the midst of urban busyness.

These were taken in the middle of Andover Square, on traffic islands planted and lovingly maintained for several years now by Samantha's Gardens, Inc. of Andover. (See their Facebook page.) This year there were Cleome, Alyssum and a blaze of Zinnias, everything swarming with honeybees all season, and starting in late September with a Monarch visit, then throughout October and up to November 2nd, Ladies by the dozen. (Mostly Painted, a few American). Zinnias were everyone's favorite, Ladies as numerous as 6 to 8 per square yard! Oblivious to pedestrians, and vice versa. Monarchs came through only twice, in a hurry for some reason.

I consider Samantha's urban gardens/pollinator sanctuaries a major plus for Andover's downtown atmosphere, and I for one am cheered immensely whenever I walk through. I only wish other pedestrians were less oblivious and would at least slow down to look! Even children barely glance up when I point something out, and I suspect their parents would rather they didn't speak to that crazy woman crouching on the sidewalk.

I've been sending Samantha pictures of her islands every year, since they're never quite the same twice; spring, summer and fall displays always beautiful, and this year the "summer" extended into November! There are always many bees, bumblebees early plus honeybees once the day warms up, and occasional butterflies, but this year there was a major influx of Ladies, mostly Painted (not only here; I saw flocks actually showing up on radar in the West!) that lasted through October and 2 days into November. The Cleome attracts some bees and the occasional Monarch, but the Zinnias, especially this year's blazing orange and pink, are the real magnets. Bonus: the beds are edged in Alyssum, which spreads a heavenly scent across the intersection.



Pipevine Swallowtail

- 7/3 1 Arnold Arboretum, Boston - Bob Mayer
7/16 1 W Hill Dam, Uxbridge - Tom & Cathy Dodd
7/18 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
8/6 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
9/1 5 Arnold Arboretum, Boston - Lucy Merrill-Hills
9/4 1 Arnold Arboretum, Boston - Steve Moore
9/8 1 Arnold Arboretum, Boston - Bob Mayer
9/16 1 Florence - Tom Gagnon
9/22 1 Florence Community Gardens - Bill Callahan
9/24 2 Arnold Arboretum, Boston - Lucy Merrill-Hills
10/3 1 Florence Community Gardens - Tom Gagnon
10/5 1 Stichter Yard, Newbury - Sharon Stichter
10/27 1 Chicopee - Kristi Bart

Black Swallowtail

- 4/18 1 Tufts campus, Medford - Nick Dorian
4/29 6 Newbury, Boston Rd landfill - Matt Arey
5/7 1 Moore SP, Paxton - Elise & Karl Barry
5/21 6 Weir Hill Res, N Andover - MBC Trip
5/24 7 Arnold Arboretum, Boston - Bob Mayer
6/17 6 Moran WMA, Windsor - Bill Callahan
7/3 1 Arlington Heights - Lisa Wolfe
7/17 1 Wrentham - Madeline Champagne
7/23 20 Arnold Arboretum, Boston - Bob Mayer
8/1 19 MHF, Sharon - Lucy Merrill-Hills
8/6 20 Crane WMA, Falmouth - Nick Dorian
8/20 1 Tolland - Mark Lynch, Sheila Carroll
8/31 1 Holliston - Richard Hildreth
9/17 1 Deerfield - Mark Fairbrother
10/14 1 Gill - Bill & Nancy Callahan
10/28 1 Newbury - Matt Arey

Giant Swallowtail

- 6/3 1 Nasketucket Bay Reserve, Mattapoisett - Matt Arey
6/8 1 Hardwick - Linda Leehy
6/11 1 Beartown SF, Great Barrington - Mark Lynch, Sheila Carroll
7/29 3 Bart's Cobble, Sheffield - MBC Trip
8/4 1 West Whately - Bill Benner
8/8 13 Bart's Cobble, Sheffield - Wendy Howes, Allan Rawle
8/13 12 Bart's Cobble, Sheffield - Peter DeGennaro
8/21 1 Rowe - Mark Lynch, Sheila Carroll
8/21 1 Northampton CG - Bill & Nancy

- Callahan
8/22 1 Rowe - Mark Lynch, Sheila Carroll
8/27 1 Wendell - Mark Lynch, Sheila Carroll
9/4 3 Bart's Cobble, Sheffield - Peter DeGennaro
9/4 1 Falmouth - Alison Robb
9/9 1 AP Allens Neck, Dartmouth - MBC Trip
9/14 2 Northampton CG - Tom Gagnon
9/16 1 Cheshire - Mark Lynch, Sheila Carroll
9/28 1 Northampton CG - Tom Gagnon

Tiger Swallowtail (spp)

- 5/4 2 E Longmeadow - Karen Parker
6/10 5 Ashburnham - Bill & Nancy Callahan
7/21 15 Savoy - Moore, Gagnon, Volkle
8/1 10 Athol - Dave Small
8/8 9 Bart's Cobble, Sheffield - Wendy Howes, Allan Rawle
9/11 1 Parker yard, E. Longmeadow - Karen Parker

Eastern Tiger Swallowtail

- 4/16 1 E Longmeadow - Karen Parker
4/23 1 Fowl Meadows, Milton - Matt Arey
5/18 12 Westborough WMA - Steve Moore, Barbara Volkle
5/21 10 Uxbridge - Michael Newton
6/4 19 Petersham - Mark Lynch, Sheila Carroll
6/11 23 Beartown SF, Great Barrington - Mark Lynch, Sheila Carroll
6/14 62 Mt. Greylock State Reservation, Adams - Mark Lynch, Sheila
7/2 22 C Franklin NABA - Mark Fairbrother *et al.*
7/8 46 N Worcester NABA - Wendy Howes *et al.*
7/22 7 Muddy Brook WMA, Hardwick - Wendy Howes
7/29 11 Bart's Cobble, Sheffield - MBC Trip
7/31 5 Muir Meadow, Paxton - Elise Barry
8/6 6 Worcester Airport - Carl Kamp
8/10 5 MPRAs, W Newbury - Marjorie Watson
8/19 5 Champagne yard, Foxborough - Madeline Champagne
9/16 1 Trade Winds, Oak Bluffs - Matt Pelikan
9/17 3 Mount Wachusetts, Princeton - Fred Bouchard
10/21 1 Northampton CG - Bill Callahan
- ## Canadian Tiger Swallowtail
- 4/29 1 Quaboag WMA, Brookfield - Mark Lynch, Sheila Carroll
5/6 1 West Whately - Bill Benner
5/17 6 Ware River Watershed - Mark Lynch, Sheila Carroll
5/18 4 Wendell - Mark Lynch, Sheila Carroll
5/20 1 Mount Wachusetts, Princeton - Matt Arey

- 6/3 1 North Adams, Mt. Greylock State Res.
- MBC Trip
6/3 5 Moran WMA, Windsor - MBC Trip
6/9 1 FS WMA, Longmeadow - Bill Callahan
7/21 10 Windsor - Moore, Gagnon, Volkle
7/21 1 Cummington - Moore, Gagnon, Volkle

Appalachian Tiger Swallowtail

- 7/21 2 Windsor - Moore, Gagnon, Volkle

Spicebush Swallowtail

- 4/30 1 Adams Farm, W. Bridgewater - Don Adams
5/9 1 Franklin State Forest - Keith Shaw
5/28 15 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
6/10 8 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
7/8 8 N Worcester NABA - Wendy Howes *et al.*
7/20 4 Wilson Mtn Reservation, Dedham - Lucy Merrill-Hills
7/21 2 Savoy - Moore, Gagnon, Volkle
8/1 10 MHF, Sharon - Lucy Merrill-Hills
8/4 40 Crane WMA, Falmouth - Nick Dorian
8/6 30 Crane WMA, Falmouth - Nick Dorian
8/10 19 Crane WMA, Falmouth - Joe Dwelly
8/12 2 Holliston - Richard Hildreth
8/20 50 Crane WMA, Falmouth - Michael Newton
8/28 13 Crane WMA, Falmouth - Joe Dwelly
9/27 1 Northampton CG - Bill Callahan
10/6 1 Falmouth - Rachel Farrell

Mustard White

- 9/9 2 Berkshire County - Tom Gagnon
6/3 1 Windsor - Bill & Nancy Callahan
7/21 12 Windsor - Moore, Gagnon, Volkle
7/30 5 Windsor - Bill Callahan
7/31 7 Northern Berkshire County - Tom Gagnon, Betsy Higgins
8/9 15 Housatonic WMA, Lenox - Gael Hurley
9/24 1 Windsor - Bill & Nancy Callahan

West Virginia White

- 4/23 1 Field Farm, Williamstown - Pam Weatherbee
4/23 1 West Whately - Bill Benner
4/24 4 Huntington - Mark Lynch, Sheila Carroll
4/28 1 Sunderland - Ron & Sue Cloutier
4/28 2 West Whately - Bill Benner
5/5 6 Reservoir Rd, Sunderland - Bill Callahan
6/3 3 Windsor - Bill & Nancy Callahan
6/3 1 North Adams, Mt. Greylock State Res.
- MBC Trip

Cabbage White

- 4/9 1 Florence - Tom Gagnon

- 4/9 1 Arlington - Lisa Wolfe
4/15 6 Merrimac - Nan Wilson
4/17 11 Holliston - Richard Hildreth
4/28 26 Boston Nature Center - Lucy Merrill-Hills
5/4 10 E Longmeadow - Karen Parker
5/28 20 AP, Dartmouth - Michael Newton
6/21 46 Boston Nature Center - Lucy Merrill-Hills
6/28 52 Arnold Arboretum, Boston - Lucy Merrill-Hills
7/2 217 C Franklin NABA - Mark Fairbrother *et al.*
7/4 70 Arnold Arboretum, Boston - Bob Mayer
7/8 111 N Worcester NABA - Wendy Howes *et al.*
7/22 20 Johnny Appleseed Park, Springfield - Bill Callahan
7/31 100 Boston Nature Center - Lucy Merrill-Hills
8/2 117 DCR Kristoff Farm, Sterling - Elise Barry, Wendy Howes
8/19 41 Quaboag WMA, Brookfield - Mark Lynch, Sheila Carroll
8/21 8 Holliston - Richard Hildreth
8/22 54 Sandisfield - Mark Lynch & Sheila Carroll
8/23 6 E Longmeadow - Karen Parker
9/14 25 Ipswich, Marini Farm - Jim Berry
9/16 6 Trade Winds, Oak Bluffs - Matt Pelikan
9/24 39 Westport - Mark Lynch, Sheila Carroll
10/7 1 Huntington - Mark Lynch, Sheila Carroll
10/21 41 Fairhaven - Mark Lynch, Sheila Carroll
11/2 4 Eastern Point, Nahant - Linda Pivacek
11/3 3 Northampton CG - Bill Callahan
11/9 1 Nahant - Linda Pivacek

Clouded Sulphur

- 4/18 1 Wellfleet Bay Ws, Wellfleet - Nick Dorian
5/4 2 E Longmeadow - Karen Parker
6/1 23 Moore SP, Paxton - Elise Barry
6/12 16 Barre - David Grant
7/2 38 C Franklin NABA - Mark Fairbrother *et al.*
7/8 43 N Worcester NABA - Wendy Howes *et al.*
7/30 30 Lake Wampanoag WS, Gardner - MBC Trip
9/2 26 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
9/24 48 Westport - Mark Lynch, Sheila Carroll
10/21 13 Fairhaven - Mark Lynch, Sheila Carroll

11/4 1 Ipswich, Maplecroft Farm - Jim Berry
11/9 2 Nahant Thicket - Linda Pivacek

Orange Sulphur

4/23 1 Adams Farm, W. Bridgewater - Don Adams
4/30 1 Correllus State Forest, West Tisbury - Matt Pelikan
5/17 5 Appleton Farms, Ipswich - Matt Arey
7/2 23 C Franklin NABA - Mark Fairbrother *et al.*
7/8 71 N Worcester NABA - Wendy Howes *et al.*
7/15 16 Falmouth NABA - Joe Dwelly *et al.*
7/30 15 Lake Wampanoag WS, Gardner - MBC Trip
8/4 25 Crane WMA, Falmouth - Nick Dorian
9/2 32 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
9/11 12 MBWMA, Newbury - Matt Arey
9/16 26 Crane WMA, Falmouth - MBC Trip
10/1 309 AP Allens Neck, Dartmouth - Brian Cassie
10/14 75 Bennett Meadow, Northfield - Bill & Nancy Callahan
10/21 3 Fairhaven - Mark Lynch, Sheila Carroll
11/2 6 Hardwick - Wendy Howes
11/2 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
11/4 50 Dartmouth - Lauren Miller-Donnelly
11/12 1 WMWMA, New Braintree - Wendy Howes

Cloudless Sulphur

9/2 1 Gooseberry Neck, Westport - MBC Trip

10/2 1 W Tisbury - Matt Pelikan

10/6 1 Sylvan Nursery, Dartmouth - Michael Newton

10/6 1 Gooseberry Neck, Westport - Michael Newton

10/21 1 Crane WMA, Falmouth - Matt Arey

10/21 1 Crane WMA, Falmouth - Matt Arey

5/19 1 W Bridgewater - Micheal Newton

5/21 1 Rough Meadows WS, Rowley - Matt Arey

6/2 2 Mystic Lakes, Medford - Renee LaFontaine

7/16 7 Mystic Lakes, Medford - Renee LaFontaine

8/19 2 FS WMA, Longmeadow - MBC trip

8/20 11 Mystic Lakes, Medford - Renee LaFontaine

8/25 2 FS WMA, Longmeadow - Bill Callahan

9/8 6 Mystic Lakes, Medford - Renee LaFontaine

American Copper

4/14 3 Menemsha Hills, Chilmark - Amy

Koenig Da Silva
5/18 18 Fountain Park, Wilbraham - Bill Callahan

5/23 26 Fountain Park, Wilbraham - Bill Callahan

6/1 22 Fountain Park, Wilbraham - Bill Callahan

7/15 50 Falmouth NABA - Joe Dwelly *et al.*

7/16 14 W Hill Dam, Uxbridge - Tom & Cathy Dodd

7/30 8 Dauphinais Park, Grafton - Price, Miller, St. Onge

9/2 7 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly

9/13 60 Franklin State Forest - Keith Shaw

9/16 22 Trade Winds, Oak Bluffs - Matt Pelikan

10/19 2 Holliston - Richard Hildreth

11/2 1 Arnold Arboretum, Boston - Lucy Merrill-Hills

11/3 1 Nauset, Eastham - Serge Matheny

Tom Gagnon, Betsy Higgins
8/6 1 Crane WMA, Falmouth - Nick Dorian

Acadian Hairstreak

6/30 11 Berkshire Co. - Gael Hurley
7/13 1 Williams Land, Harvard - Nick Dorian

Edwards' Hairstreak

7/1 11 GBH, Canton - MBC Trip
7/2 17 HPM, Woburn - MBC Trip
7/12 3 Great Meadow, Arlington - Matt Pelikan
7/15 1 Crane WMA, Falmouth - Michael
Newton
7/15 1 Falmouth NABA - Joe Dwelly *et al.*

Banded Hairstreak

6/25 1 MBWMA, Newbury - Jim Berry
6/26 3 MBWMA, Newbury - Bill & Nancy
Callahan
7/4 10 Sandwich Old Game Farm - Joe
Dwelly
7/5 1 Harwich - Mark Faherty
7/8 6 MBWMA, Newbury - Marjorie Watson
7/10 4 Thompson Fields, Harwich - Joe Dwelly
7/11 1 Hardwick - Wendy Howes
7/29 1 Bart's Cobble, Sheffield - MBC Trip
8/7 1 Nasketucket Bay Reserve, Mattapoisset -
Lauren Miller-Donnelly

Hickory Hairstreak

7/8 1 MBWMA, Newbury - Marjorie Watson

Striped Hairstreak

7/2 5 Windsor Dam, Ware - Bill & Nancy
Callahan
7/2 1 HPM, Woburn - MBC Trip
7/4 1 Sandwich Old Game Farm - Joe Dwelly
7/6 1 Cedar Hill, Northborough - Steve Moore
7/8 1 MBWMA, Newbury - Marjorie Watson
7/9 2 Ware - Bill & Nancy Callahan
7/15 2 Cedar Hill, Northborough - MBC Trip
7/16 1 GMNWR, Concord - Greg Dysart
7/16 1 Cedar Hill, Northborough - MBC Trip
7/22 1 Johnny Appleseed Park, Springfield -
Bill Callahan
7/29 1 Great Barrington - Bill Callahan
8/5 2 MBWMA, Newbury - Matt Arey

Oak Hairstreak

7/8 1 N Worcester NABA - Wendy Howes
et al.
7/10 1 Harwich - Joe Dwelly

Brown Elfin

4/15 1 W Tisbury - Matt Pelikan
4/23 4 Montague Plains - Mark Fairbrother
4/23 20 MSSF, Plymouth - Matt Arey
4/25 25 Montague Plains - Ron & Sue Cloutier
4/28 9 HPM, Woburn - Marjorie Watson,
Howard Hoople
4/30 72 Correllus State Forest, West Tisbury -

Matt Pelikan
5/4 21 MSSF, Plymouth - Steve Moore
5/17 21 Myles Standish State For. Carver -
MBC Trip
5/19 2 Turners Falls Airport - Ron & Sue
Cloutier
5/21 2 Dauphinis Park, Grafton - Price,
Miller, St. Onge
6/10 3 MSSF, Plymouth - Michael Newton

Hoary Elfin

4/15 1 W Tisbury - Matt Pelikan
4/23 1 Correllus State Forest, Edgartown -
Matt Pelikan
4/23 2 MSSF, Plymouth - Matt Arey
4/23 1 Thompson Fields, Harwich - Joe Dwelly
4/28 5 Correllus State Forest, West Tisbury -
Matt Pelikan
4/29 3 Thompson Fields, Harwich - Joe Dwelly
4/30 17 Correllus State Forest, West Tisbury -
Matt Pelikan
5/4 7 MSSF, Plymouth - Steve Moore
5/17 10 Myles Standish State For. Carver -
MBC Trip
5/19 3 MSSF, Plymouth - Michael Newton
6/10 1 MSSF, Plymouth - Michael Newton

Frosted Elfin

5/3 3 Lamson Rd, Foxborough - Madeline
Champagne
5/17 10 Burleigh Park, Palmer - MBC Trip
5/19 13 MSSF, Plymouth - Michael Newton
5/21 12 Lamson Rd, Foxborough - Madeline
Champagne
5/27 8 Florence - Bill Callahan
6/2 7 Lamson Rd, Foxborough - Madeline
Champagne
6/2 2 Sharon - Madeline Champagne
6/10 3 MSSF, Plymouth - Michael Newton

Henry's Elfin

4/17 6 Fowl Meadows, Milton - Lucy
Merrill-Hills
4/23 4 HPM, Woburn - MBC Trip
4/23 1 Lexington - MBC Trip
4/23 1 Acton - Tom Whelan
4/23 1 Plum Island, Newbury - Marjorie
Watson
5/3 4 Fowl Meadows, Milton - Lucy
Merrill-Hills
5/3 1 Great Meadow, Arlington - Matt Pelikan
5/7 2 HPM, Woburn - Michael Newton
5/19 2 W Bridgewater - Micheal Newton
5/28 1 Nasketucket Bay Reserve, Mattapoisset
- Michael Newton
6/4 1 Tom Swamp, Petersham - Mark Lynch,
Sheila Carroll

Eastern Pine Elfín

- 4/16 1 Whiting Res., Holyoke - Bruce King
4/23 1 Champagne yard, Foxborough -
Madeline Champagne
4/29 5 Yarmouth, Flax Pond - Joe Dwelly
5/3 4 Lamson Rd, Foxborough - Madeline
Champagne
5/11 1 Delaney WMA, Stow - Steve Moore
5/21 1 Norfolk, Miller Street field - Keith
Shaw
5/28 1 Nasketucket Bay Reserve, Mattapoissett
- Michael Newton
6/12 3 Rutland - David Grant

Juniper Hairstreak

- 4/23 5 HPM, Woburn - MBC Trip
4/28 2 HPM, Woburn - Marjorie Watson,
Howard Hoople
5/7 3 HPM, Woburn - Michael Newton
5/16 7 HPM, Woburn - Howard Hoople
5/18 1 Correllus State Forest, West Tisbury -
Matt Pelikan
5/20 5 HPM, Woburn - Matt Arey
8/2 1 Crane WMA, Falmouth - Nick Dorian
8/5 1 MBWMA, Newbury - Matt Arey

White M Hairstreak

- 5/4 1 West Whately - Bill Benner
6/3 1 Nasketucket Bay Reserve, Mattapoissett
- Matt Arey
9/2 5 AP Allens Neck, Dartmouth - Lauren
Miller-Donnelly
9/4 1 Bart's Cobble, Sheffield - Peter
DeGennaro
9/10 1 LPWS, Barnstable - Serge Matheny
9/13 1 Franklin State Forest - Keith Shaw
10/21 1 Northampton CG - Bill Callahan

Gray Hairstreak

- 4/23 1 Correllus State Forest, Edgartown -
Matt Pelikan
4/23 1 HPM, Woburn - MBC Trip
4/23 1 Lamson Rd, Foxborough - Madeline
Champagne
5/7 5 HPM, Woburn - Michael Newton
5/21 12 Weir Hill Res, N Andover - MBC Trip
6/28 1 Hardwick - Wendy Howes
7/2 1 LPWS, Barnstable - Joe Dwelly
7/15 40 Falmouth NABA - Joe Dwelly *et al.*
7/16 36 W Hill Dam, Uxbridge - Tom & Cathy
Dodd
7/23 2 Franklin - Keith Shaw
8/6 1 MMP, Williamstown - Bill & Nancy
Callahan
8/6 12 Crane WMA, Falmouth - Nick Dorian
9/16 1 Airport, W Tisbury - Erin Haugh
9/17 1 PRNWR Hq, NP - Lucy Merrill-Hills
10/21 1 Northampton CG - Bill Callahan

- 11/3 1 Roslindale, Boston - Lucy Merrill-Hills

Red-banded Hairstreak

- 5/28 1 Nasketucket Bay Reserve, Mattapoissett
- Michael Newton
6/3 7 Nasketucket Bay Reserve, Mattapoissett
- Matt Arey
6/10 5 Nasketucket Bay Reserve, Mattapoissett
- Michael Newton
8/20 25 Nasketucket Bay Reserve,
Mattapoissett - Michael Newton
8/28 1 Vineyard Haven - Matt Pelikan
9/1 1 Marblehead - Karen Haley
9/2 2 Halibut Point SP, Rockport - Matt Arey
9/2 70 AP Allens Neck, Dartmouth - Lauren
Miller-Donnelly
9/4 1 Bart's Cobble, Sheffield - Peter
DeGennaro
9/9 18 AP Allens Neck, Dartmouth - MBC
Trip
9/10 1 LPWS, Barnstable - Serge Matheny
9/11 1 Appleton Farms, Ipswich - Matt Arey
9/12 1 Morning Glory Farm, Edgartown -
Matt Pelikan
9/13 1 Franklin State Forest - Keith Shaw
9/24 3 Westport - Mark Lynch, Sheila Carroll
10/6 1 Gooseberry Neck, Westport - Michael
Newton
10/22 1 Crane WMA, Falmouth - Michael
Newton

Early Hairstreak

- 6/3 1 North Adams, Mt. Greylock State Res.
- MBC Trip
7/21 1 Berkshire Co. - Gael Hurley

Eastern Tailed-Blue

- 4/23 1 Tilcon, Eastham - Joe Dwelly
4/28 5 Correllus State Forest, West Tisbury -
Matt Pelikan
5/12 3 FS WMA, Longmeadow - Bill Callahan
5/21 19 Weir Hill Res, N Andover - MBC Trip
7/8 22 N Worcester NABA - Wendy Howes
et al.
7/15 60 Falmouth NABA - Joe Dwelly *et al.*
8/10 20 Edgartown, Farm Institute - Russ
Hopping
8/11 6 Howard Street CA, Gardner - Dave
Small
8/21 1 Rowe - Mark Lynch, Sheila Carroll
9/13 30 Franklin State Forest - Keith Shaw
9/16 10 Crane WMA, Falmouth - MBC Trip
10/7 1 FS WMA, Longmeadow - Bill Callahan
10/22 2 Crane WMA, Falmouth - Michael
Newton

Spring Azure

- 4/11 1 Noon Hill Res, Medfield - Madeline
Champagne

4/14 15 Natick - Michael Newton
 4/23 25 MSSF, Plymouth - Matt Arey
 4/24 12 Pilgrim Heights, Truro - Joe Dwelly
 4/28 29 Correllus State Forest, West Tisbury -
 Matt Pelikan
 4/30 81 Correllus State Forest, West Tisbury -
 Matt Pelikan
 5/4 51 Fowl Meadows, Milton - Steve Moore
 5/18 7 Correllus State Forest, West Tisbury -
 Matt Pelikan
 5/20 4 Holliston - Richard Hildreth
 6/3 1 North Adams, Mt. Greylock State Res.
 - MBC Trip
 6/7 1 Williamsburg Flower Hill Farm - Carol
 Duke
 6/17 2 Moran WMA, Windsor - Bill Callahan

Cherry Gall Azure

5/17 1 Appleton Farms, Ipswich - Matt Arey
 5/18 2 Correllus State Forest, West Tisbury -
 Matt Pelikan
 5/21 2 Rough Meadows WS, Rowley - Matt
 Arey
 6/1 1 Moore SP, Paxton - Elise Barry
 6/4 1 BMB WS, Worcester - Steve Moore
 6/9 2 Moore SP, Paxton - Karl & Elise Barry

Summer Azure

6/3 15 Nasketucket Bay Reserve, Mattapoisset
 - Matt Arey
 6/10 20 Nasketucket Bay Reserve,
 Mattapoisset - Michael Newton
 7/2 2 Sheffield - Mark Lynch, Sheila Carroll
 7/21 29 Windsor - Moore, Gagnon, Volkle
 7/30 8 Windsor - Bill Callahan
 8/8 2 Lime Kiln, Sheffield - Wendy Howes,
 Allan Rawle
 8/26 6 Nasketucket Bay Reserve, Mattapoisset
 - Marjorie Watson
 9/12 1 Arlington Heights - Lisa Wolfe
 9/16 1 Parker yard, E. Longmeadow - Karen
 Parker
 10/3 1 Arnold Arboretum, Boston - Lucy
 Merrill-Hills

Silvery Blue

5/11 1 Delaney WMA, Stow - Steve Moore
 5/20 1 Ware - Mark Klassanos
 5/21 1 Lake Rohunta Dam, Athol - Ron & Sue
 Cloutier
 6/3 6 Moran WMA, Windsor - MBC Trip
 6/8 1 Wilbraham Middle School grounds - Bill
 Callahan
 6/11 1 Meadow Road, Montague - Mark
 Fairbrother
 6/13 1 Williamsburg Flower Hill Farm - Carol
 Duke
 6/14 4 Muir Meadow, Paxton - Elise Barry

6/17 7 Moran WMA, Windsor - Bill Callahan

Variiegated Fritillary

6/26 1 Appleton Farms, Ipswich - Jim Berry
 7/1 11 G43 Quabbin - Wendy Howes, Alan
 Rawle
 7/3 1 Tully Dam, Royalston - Steve Moore
 7/5 1 Lakeview-Morse CA, Sharon - Madeline
 Champagne
 7/15 7 Falmouth NABA - Joe Dwelly *et al.*
 8/4 1 Medfield - Walt Webb
 8/6 16 Crane WMA, Falmouth - Nick Dorian
 8/7 1 Ware - Brian Klassanos
 8/10 14 Crane WMA, Falmouth - Joe Dwelly
 9/8 6 Crane WMA, Falmouth - Joe Dwelly
 9/16 5 Crane WMA, Falmouth - MBC Trip
 10/22 16 Crane WMA, Falmouth - Michael
 Newton
 10/28 2 Northampton CG - Bill & Nancy
 Callahan

Great Spangled Fritillary

6/20 1 FS WMA, Longmeadow - Bill Callahan
 6/22 1 Hardwick - Wendy Howes
 6/24 7 Bart's Cobble, Sheffield - Bill & Nancy
 Callahan
 7/2 32 C Franklin NABA - Mark Fairbrother
et al.
 7/3 17 MHWS, Sharon - Madeline
 Champagne
 7/4 12 BMB WS, Worcester - Michael Newton
 7/8 21 N Worcester NABA - Wendy Howes
et al.
 7/21 11 Hardwick - Wendy Howes
 7/26 2 Arnold Arboretum, Boston - Bob Mayer
 7/31 9 Muir Meadow, Paxton - Elise Barry
 8/6 8 MMP, Williamstown - Bill & Nancy
 Callahan
 8/22 11 Williamstown - Bo Zaremba
 8/27 2 Wendell - Mark Lynch, Sheila Carroll
 9/16 2 Hardwick - Wendy Howes
 9/27 1 Florence Community Gardens - Bill
 Callahan
 10/22 1 Williamstown - Pam Weatherbee

Aphrodite Fritillary

6/28 1 Hawley - Mark Lynch, Sheila Carroll
 7/3 1 Tully Dam, Royalston - Steve Moore
 7/21 1 Savoy - Moore, Gagnon, Volkle
 8/5 1 MBWMA, Newbury - Matt Arey
 9/12 1 G43 Quabbin - Wendy Howes

Atlantis Fritillary

6/27 1 Berkshire County - Bo Zaremba
 7/21 14 Savoy - Moore, Gagnon, Volkle
 7/23 2 Berkshire Co. - Bill & Nancy Callahan
 7/31 10 Northern Berkshire County - Tom
 Gagnon, Betsy Higgins
 8/20 3 Windsor - Bill Callahan

8/24 1 Wilbraham Middle School grounds -
Bill Callahan

Silver-bordered Fritillary

5/17 2 Appleton Farms, Ipswich - Matt Arey
7/30 5 Sherborn - Michael Newton
8/6 1 Rutland - David Grant
9/16 1 Adams Farm, W. Bridgewater - Don
Adams
9/17 6 Deerfield - Mark Fairbrother
10/1 10 Appleton Farms, Ipswich - MBC Trip

Meadow Fritillary

7/2 5 Sheffield - Mark Lynch, Sheila Carroll
8/13 8 Bart's Cobble, Sheffield - Peter
DeGennaro

8/22 13 Williamstown - Bo Zaremba

Harris' Checkerspot

6/12 26 Barre - David Grant
6/15 1 BMB WS, Worcester - Steve Moore
6/18 1 BMB WS, Worcester - Bill Callahan
6/19 1 Paxton - Elise & Karl Barry
6/20 1 Shrewsbury - Bruce DeGraaf
6/24 9 Barre - David Grant
6/24 8 Rutland - David Grant

Pearl Crescent

5/12 3 FS WMA, Longmeadow - Bill Callahan
5/17 10 Appleton Farms, Ipswich - Matt Arey
5/19 15 Crane WMA, Falmouth - Joe Dwelly
5/28 40 Nasketucket Bay Reserve,
Mattapoisett - Michael Newton
6/1 61 Moore SP, Paxton - Elise Barry
6/4 26 Crane WMA, Falmouth - Alison Robb
6/10 18 Fort Hill, Eastham - Joe Dwelly
6/12 73 Barre - David Grant
6/24 23 Rutland - David Grant
7/26 33 MBWMA, Newbury - Marjorie
Watson

7/30 100 Sherborn - Michael Newton
8/3 400 Crane WMA, Falmouth - Nick Dorian
8/6 300 Crane WMA, Falmouth - Nick Dorian
8/6 23 MBWMA, Newbury - Marjorie Watson
8/10 150 Crane WMA, Falmouth - Joe Dwelly
8/27 5 Canoe Meadows, Pittsfield - Bill &
Nancy Callahan
9/16 4 Crane WMA, Falmouth - MBC Trip
9/24 1 Westport - Mark Lynch, Sheila Carroll
10/14 3 Bennett Meadow, Northfield - Bill &
Nancy Callahan
11/3 1 Hardwick - Wendy Howes

Baltimore Checkerspot

6/12 2 Crane WMA, Falmouth - Joe Dwelly
7/2 16 C Franklin NABA - Mark Fairbrother
et al.
7/3 100 Marston Mills Airport - Joe Dwelly
7/8 4 N Worcester NABA - Wendy Howes
et al.

7/16 23 Williams Land, Harvard - Nick Dorian
7/22 14 Williams Land, Harvard - Nick Dorian

Question Mark

4/15 1 Westport - Lauren Miller-Donnelly
5/21 1 Rough Meadows WS, Rowley - Matt
Arey
5/23 1 Fountain Park, Wilbraham - Bill
Callahan
7/2 2 Williams Land, Harvard - Nick Dorian
7/29 3 Bart's Cobble, Sheffield - MBC Trip
9/2 1 Gooseberry Neck, Westport - MBC Trip
9/12 1 G43 Quabbin - Wendy Howes
9/23 1 Lime Kiln, Sheffield - Bill Callahan
10/15 1 AP, Dartmouth - Matt Arey

Eastern Comma

3/19 1 MSSF, Plymouth - Liam Waters
3/30 1 Nahant - Linda Pivacek
4/9 1 Montague Plains - Ron & Sue Cloutier
4/28 6 Sherborn - Michael Newton
6/25 6 MBWMA, Newbury - Jim Berry
7/2 13 C Franklin NABA - Mark Fairbrother
et al.
7/21 6 Parker yard, E. Longmeadow - Karen
Parker
8/5 8 FS WMA, Longmeadow - Bill & Nancy
Callahan
8/13 3 Bart's Cobble, Sheffield - Peter
DeGennaro
9/8 1 Arnold Arboretum, Boston - Bob Mayer
10/1 2 Tolland - Mark Lynch, Sheila Carroll
10/28 1 Northampton CG - Bill & Nancy
Callahan

Gray Comma

6/24 1 Bart's Cobble, Sheffield - Bill & Nancy
Callahan
7/2 3 C Franklin NABA - Mark Fairbrother
et al. 7/2 1 Sheffield - Mark Lynch, Sheila
Carroll
7/3 1 Windsor - Ron & Sue Cloutier
7/21 2 Windsor - Moore, Gagnon, Volkle
7/29 1 Pleasant Valley MAS, Lenox - Callahan,
Newton
7/31 3 Northern Berkshire County - Tom
Gagnon, Betsy Higgins
9/1 1 Bart's Cobble, Sheffield - Mark
Rosenstein
9/11 3 MBWMA, Newbury - Matt Arey
9/23 2 Lime Kiln, Sheffield - Bill Callahan
9/25 1 Washington - Gael Hurley

Compton Tortoiseshell

4/9 1 Easton - Nick Block
7/30 1 Windsor - Bill & Nancy Callahan

Mourning Cloak

2/23 1 MHWS, Sharon - Lauren Griffith
4/2 3 Medfield - Walt Webb

4/10 7 Quaboag WMA, Brookfield - Mark Lynch, Sheila Carroll
 4/13 6 Beech Forest, Provincetown - Carol Duke
 4/23 6 HPM, Woburn - MBC Trip
 5/16 1 HPM, Woburn - Howard Hoople
 6/12 11 Barre - David Grant
 7/8 3 N Worcester NABA - Wendy Howes *et al.*
 7/16 1 W Hill Dam, Uxbridge - Tom & Cathy Dodd
 7/30 1 MBWMA, Newbury - Fred Bouchard
 8/6 1 Barre - David Grant
 9/4 1 Bart's Cobble, Sheffield - Peter DeGennaro
 10/1 1 AP Allens Neck, Dartmouth - Brian Cassie
 10/12 1 New Salem - Ron & Sue Cloutier

Milbert's Tortoiseshell

4/12 1 Montague - Josh Rose
 8/24 1 Easthampton - Bruce King
 9/23 1 Cummington - Henry Chinaski
 10/1 3 Mt. Greylock SR, Lanesborough - Bill Callahan
 10/2 6 North Adams, Mt. Greylock State Res. - Gagnon, Moore
 10/19 1 Heath - Diane Potter
 10/21 1 Chelmsford - Nancy Murphy
 10/21 1 Northampton CG - Bill Callahan
 11/2 1 Natick - Michael Newton

American Lady

4/11 1 Stichter Yard, Newbury - Sharon Stichter
 4/14 1 West Whately - Bill Benner
 4/17 10 Allens Pond Wildlife Sanctuary, Dartmouth - Lauren Miller-Donnelly
 4/28 8 Holliston - Richard Hildreth
 5/4 10 Wenham Canal - Jim Berry
 5/7 11 HPM, Woburn - Michael Newton
 5/19 2 Turners Falls Airport - Ron & Sue Cloutier
 5/21 4 Dauphinais Park, Grafton - Price, Miller, St. Onge
 5/28 11 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
 6/11 4 MBWMA, Newbury - Marjorie Watson
 7/2 3 HPM, Woburn - MBC Trip
 7/15 10 Falmouth NABA - Joe Dwelly et al
 8/6 30 Crane WMA, Falmouth - Nick Dorian
 9/15 1 Hardwick - Wendy Howes
 10/22 15 Crane WMA, Falmouth - Michael Newton
 11/2 2 Eastern Point, Nahant - Linda Pivacek
 11/12 1 Worcester - Brian Cassie

Painted Lady

4/29 4 Marblehead, Gatchell's Park - Karen Haley
 6/10 3 Elm Hill, MAS, Brookfield - Mark Lynch, Sheila Carroll
 7/30 18 Rough Meadows WS, Rowley - Bo Zaremba
 7/31 29 Muir Meadow, Paxton - Elise Barry
 8/3 30 Crane WMA, Falmouth - Nick Dorian
 8/10 13 Crane WMA, Falmouth - Joe Dwelly
 9/12 10 Northampton CG - Bill Callahan
 9/17 5 Williamstown - Pam Weatherbee
 9/24 235 Westport - Mark Lynch, Sheila Carroll
 10/1 28 Town Farm, Ipswich - Jim Berry
 10/21 10 Northampton CG - Bill Callahan
 11/2 3 Eastern Point, Nahant - Linda Pivacek
 11/2 1 Natick - Michael Newton

Red Admiral

4/11 1 Peterson Farm, Falmouth - Matt Pelikan
 4/13 1 Oak Bluffs - Matt Pelikan
 4/23 1 Adams - Jeanne Boudreau
 5/20 1 Boston Nature Center - Lucy Merrill-Hills
 6/2 3 E Longmeadow - Karen Parker
 6/11 1 Beartown SF, Great Barrington - Mark Lynch, Sheila Carroll
 6/21 2 Fowl Meadows, Milton - Lucy Merrill-Hills
 6/25 11 MBWMA, Newbury - Jim Berry
 7/2 22 C Franklin NABA - Mark Fairbrother *et al.*
 7/8 11 N Worcester NABA - Wendy Howes *et al.*
 7/16 20 GMNWR, Concord - Greg Dysart
 7/20 4 Williams Land, Harvard - Nick Dorian
 7/31 7 Boston Nature Center - Lucy Merrill-Hills
 8/8 1 Bart's Cobble, Sheffield - Wendy Howes, Allan Rawle
 9/9 7 Sylvan Nursery, Dartmouth - MBC Trip
 9/17 1 Williamstown - Pam Weatherbee
 9/24 9 Westport - Mark Lynch, Sheila Carroll
 10/12 1 Williamstown - Pam Weatherbee
 11/4 1 Dartmouth - Lauren Miller-Donnelly

Common Buckeye

5/3 1 Lamson Rd, Foxborough - Madeline Champagne
 6/30 11 Oak St. PL, Shrewsbury - Bruce deGraaf
 7/16 13 W Hill Dam, Uxbridge - Tom & Cathy Dodd
 8/3 30 Crane WMA, Falmouth - Nick Dorian
 8/6 50 Crane WMA, Falmouth - Nick Dorian
 9/2 20 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly

9/13 1 Franklin State Forest - Keith Shaw
10/21 22 Fairhaven - Mark Lynch, Sheila
Carroll
10/28 16 Crane WMA, Falmouth - MBC Trip
11/2 1 FS WMA, Longmeadow - Bill Callahan
11/9 1 Nahant - Linda Pivacek

White Admiral

6/12 1 Rutland - David Grant
6/21 6 Orange - Mark Lynch, Sheila Carroll
7/21 1 Savoy - Moore, Gagnon, Volkle
8/4 1 Georgetown - Jim Berry
8/21 6 Rowe - Mark Lynch, Sheila Carroll
9/1 1 Parker yard, E. Longmeadow - Karen
Parker
9/23 2 Savoy - John Burk

Red-spotted Purple

5/18 1 Holliston - Richard Hildreth
6/13 11 Warwick - Mark Lynch, Sheila Carroll
6/21 16 Orange - Mark Lynch, Sheila Carroll
8/2 22 DCR Kristoff Farm, Sterling - Elise
Barry, Wendy Howes
8/6 18 Rutland - David Grant
8/12 26 Barre Falls Dam - Lucy Merrill-Hills
8/25 12 Otter River SF, Winchendon - Mark
Lynch, Sheila Carroll
9/10 1 Huntington - Mark Lynch, Sheila
Carroll
9/16 7 Cheshire - Mark Lynch, Sheila Carroll
9/24 2 Windsor - Bill & Nancy Callahan
10/21 1 Hanson - Deborah Swanson

Viceroy

8/1 1 Lime Kiln, Sheffield - Bill & Nancy
Callahan
5/21 1 Rough Meadows WS, Rowley - Matt
Arey
6/2 1 Norfolk, Miller Street field - Madeline
Champagne
6/12 1 Rutland - David Grant
7/22 9 Lancaster - Nick Dorian
7/28 2 MBWMA, Newbury - Marjorie Watson
8/5 10 MBWMA, Newbury - Matt Arey
8/11 6 Howard Street CA, Gardner - Dave
Small
9/11 12 MBWMA, Newbury - Matt Arey
9/17 2 North Road, Whately - Mark
Fairbrother
10/2 3 WMWMA, New Braintree - Wendy
Howes
10/21 2 Florence Community Gardens - Bill
Callahan

Hackberry Emperor

8/5 2 Forest Park, Springfield - Bill & Nancy
Callahan
8/17 4 Forest Park, Springfield - Bill Callahan
8/19 10 Forest Park, Springfield - MBC trip

Tawny Emperor

7/29 1 Pleasant Valley MAS, Lenox - Callahan,
Newton

Northern Pearly-Eye

6/23 1 Holliston - Richard Hildreth
7/2 3 C Franklin NABA - Mark Fairbrother
et al.
7/4 1 BMB WS, Worcester - Michael Newton
7/8 12 N Worcester NABA - Wendy Howes
et al.
7/21 8 Windsor - Moore, Gagnon, Volkle
7/30 4 Windsor - Bill Callahan
7/31 5 Northern Berkshire County - Tom
Gagnon, Betsy Higgins
8/17 1 Holliston - Richard Hildreth
8/20 6 Windsor - Bill Callahan
8/22 1 Williamstown - Bo Zarembo

Eyed Brown

6/14 1 Monroe - Mark Lynch, Sheila Carroll
7/2 5 C Franklin NABA - Mark Fairbrother
et al.
7/6 1 CST, Westborough - Steve Moore
7/15 1 Ipswich, Dow Brook Reservoir - Jim
Berry
7/15 2 CST, Westborough - MBC Trip
7/16 2 CST, Westborough - MBC Trip
7/22 1 Williams Land, Harvard - Nick Dorian
7/23 2 Berkshire Co. - Bill & Nancy Callahan
8/6 1 Rutland - David Grant

Appalachian Brown

6/13 1 FS WMA, Longmeadow - Bill Callahan
7/9 12 Fowl Meadows, Milton - Lucy
Merrill-Hills
7/21 2 Hardwick - Wendy Howes
7/28 2 Ames Pond, Shutesbury - Bill Benner
8/3 1 Shrewsbury - Bruce deGaaf
8/28 3 Fowl Meadows, Milton - Lucy
Merrill-Hills
9/14 3 FS WMA, Longmeadow - Bill Callahan

Little Wood-Satyr

5/24 1 Holliston - Richard Hildreth
6/2 9 Lamson Rd, Foxborough - Madeline
Champagne
6/3 1 McDonald Nature Preserve, Wilbraham
- Moe O'Connor
6/10 50 Nasketucket Bay Reserve,
Mattapoisett - Michael Newton
6/22 9 Nasketucket Bay Reserve, Mattapoisett
- Joe Dwelly
7/2 10 C Franklin NABA - Mark Fairbrother
et al.
7/8 95 N Worcester NABA - Wendy Howes
et al. 7/9 40 Fowl Meadows, Milton - Lucy
Merrill-Hills
7/17 3 Adams Farm, W. Bridgewater - Don

Adams
7/28 1 Hardwick - Wendy Howes
8/3 2 Parker yard, E. Longmeadow - Karen Parker
8/7 1 Nasketucket Bay Reserve, Mattapoisett - Lauren Miller-Donnelly
8/20 1 Nasketucket Bay Reserve, Mattapoisett - Michael Newton

Common Ringlet

5/20 1 McDonald Nature Preserve, Wilbraham - Bill & Nancy Callahan
6/8 21 Monson - Mark Lynch, Sheila Carroll
6/14 158 Muir Meadow, Paxton - Elise Barry
6/17 17 Moran WMA, Windsor - Bill Callahan
8/2 23 DCR Kristoff Farm, Sterling - Elise Barry, Wendy Howes
8/27 250 Lake Wampanoag WS, Gardner - MBC Trip
9/4 40 WMWS, Princeton - Greg Dysart
9/4 20 Graves Farm, Williamsburg - Bill Benner
10/1 1 Northampton - Shelley Parker
10/22 1 Adams Farm, W. Bridgewater - Don Adams

Common Wood-Nymph

6/8 2 Williamsburg Flower Hill Farm - Carol Duke
7/15 50 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
7/15 35 Falmouth NABA - Joe Dwelly *et al.*
7/23 3 Berkshire Co. - Bill & Nancy Callahan
7/30 50 Lake Wampanoag WS, Gardner - MBC Trip
7/30 18 Old Town Hill, Newbury - Bo Zaremba
8/4 60 Crane WMA, Falmouth - Nick Dorian
8/8 27 Lime Kiln, Sheffield - Wendy Howes, Allan Rawle
8/20 13 Windsor - Bill Callahan
9/2 5 Plum Island, Newbury - Matt Arey
9/4 13 Graves Farm, Williamsburg - Bill Benner
9/13 1 Franklin State Forest - Keith Shaw
9/25 1 Ware River Watershed - Mark Lynch, Sheila Carroll

Monarch

4/17 1 Allens Pond Wildlife Sanctuary, Dartmouth - Lauren Miller-Donnelly
4/29 1 Plum Island, Newbury - Matt Arey
5/21 1 W Brookfield - Mark Klassanos
6/10 6 Fort Hill, Eastham - Joe Dwelly
7/2 11 C Franklin NABA - Mark Fairbrother *et al.*
7/8 10 N Worcester NABA - Wendy Howes *et al.*

7/15 24 Falmouth NABA - Joe Dwelly *et al.*
7/22 18 FS WMA, Longmeadow - Bill Callahan
7/29 21 Bart's Cobble, Sheffield - MBC Tri
7/30 54 Lake Wampanoag WS, Gardner - MBC Trip
8/1 22 Borden Colony, Raynham - Joe Dwelly
8/4 60 Crane WMA, Falmouth - Nick Dorian
8/10 200 Edgartown, Farm Institute - Russ Hopping
8/11 13 E Longmeadow - Karen Parker
9/2 84 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
9/9 72 AP Allens Neck, Dartmouth - MBC Trip
9/16 22 Cheshire - Mark Lynch, Sheila Carroll
9/24 58 Westport - Mark Lynch, Sheila Carroll
10/21 161 Fairhaven - Mark Lynch, Sheila Carrol
11/3 4 Nauset, Eastham - Serge Matheny
11/4 1 Springfield - Bill & Nancy Callahan
11/21 1 Nahant - Linda Pivacek
12/1 1 Amherst - Harvey Allen

Silver-spotted Skipper

5/21 1 Rough Meadows WS, Rowley - Matt Arey
6/3 2 Nasketucket Bay Reserve, Mattapoisett - Matt Arey
6/4 2 FS WMA, Longmeadow - Bill Callahan
7/2 42 C Franklin NABA - Mark Fairbrother *et al.*
7/8 23 N Worcester NABA - Wendy Howes *et al.*
7/19 17 NCM, Petersham - MBC Trip
7/29 12 Bart's Cobble, Sheffield - MBC Trip
8/8 12 Northampton CG - Bill Callahan
8/21 18 Northampton CG - Bill & Nancy Callahan
8/28 18 Florence Community Gardens - Bill Callahan
9/10 26 Northampton CG - Bill Callahan
9/22 12 Florence Community Gardens - Bill Callahan
10/4 8 Northampton CG - Bill & Nancy Callahan
10/22 3 Northampton CG - Harvey Allen

Long-tailed Skipper

9/23 1 Plum Island, Newbury - Matt Arey

Hoary Edge

6/15 1 BMB WS, Worcester - Steve Moore
6/18 1 BMB WS, Worcester - Bill Callahan
7/2 2 C Franklin NABA - Mark Fairbrother *et al.*
7/4 13 BMB WS, Worcester - Michael Newton

Southern Cloudywing

- 6/15 1 BMB WS, Worcester - Steve Moore
7/1 2 Gill - Bill & Nancy Callahan
7/2 1 HPM, Woburn - MBC Trip
7/2 3 C Franklin NABA - Mark Fairbrother
et al.
7/4 1 Muir Meadow, Paxton - E Barry, G
Trenholm
7/4 4 BMB WS, Worcester - Michael Newton
7/16 1 W Hill Dam, Uxbridge - Tom & Cathy
Dodd
7/28 1 Wilbraham Middle School grounds -
Bill Callahan
8/4 1 Crane WMA, Falmouth - Nick Dorian

Northern Cloudywing

- 5/21 1 Norfolk, Miller Street field - Keith
Shaw
5/28 1 Old County, W Tisbury - Matt Pelikan
6/14 9 Muir Meadow, Paxton - Elise Barry
6/23 2 Wilbraham Middle School grounds -
Bill Callahan
7/4 3 BMB WS, Worcester - Michael Newton
7/16 2 W Hill Dam, Uxbridge - Tom & Cathy
Dodd
7/17 2 Boston Nature Center - Lucy
Merrill-Hills

Dreamy Duskywing

- 5/17 1 Myles Standish State For. Carver -
MBC Trip
5/21 3 Dauphinis Park, Grafton - Price,
Miller, St. Onge
6/3 3 Windsor - Bill & Nancy Callahan
6/3 1 MSSF, Plymouth - Matt Arey
6/4 2 BMB WS, Worcester - Steve Moore
6/6 2 MBWMA, Newbury - Marjorie Watson
6/18 1 BMB WS, Worcester - Bill Callahan

Sleepy Duskywing

- 4/23 1 MSSF, Plymouth - Matt Arey
4/28 3 Correllus State Forest, West Tisbury -
Matt Pelikan
4/30 11 Correllus State Forest, West Tisbury -
Matt Pelikan
5/18 11 Correllus State Forest, West Tisbury -
Matt Pelikan
5/21 1 Uxbridge - Michael Newton
5/28 1 Correllus State Forest, Edgartown -
Matt Pelikan
6/18 1 BMB WS, Worcester - Bill Callahan

Juvenal's Duskywing

- 4/23 1 MSSF, Plymouth - Matt Arey
4/28 1 Montague Plains - Ron & Sue Cloutier
4/28 18 Correllus State Forest, West Tisbury -
Matt Pelikan
4/30 117 Correllus State Forest, West Tisbury
- Matt Pelikan

- 5/18 19 Correllus State Forest, West Tisbury -
Matt Pelikan
5/28 15 Nasketucket Bay Reserve,
Mattapoisett - Michael Newton
6/1 1 E Longmeadow - Karen Parker
6/4 1 Petersham - Mark Lynch, Sheila Carroll
6/10 2 Ashburnham - Bill & Nancy Callahan
6/11 4 Beartown SF, Great Barrington - Mark
Lynch, Sheila Carroll
6/14 1 Monroe - Mark Lynch, Sheila Carroll
6/21 1 Orange - Mark Lynch, Sheila Carroll

Horace's Duskywing

- 6/3 3 Nasketucket Bay Reserve, Mattapoisett
- Matt Arey
6/14 1 Muir Meadow, Paxton - Elise Barry
7/22 1 Lancaster - Nick Dorian
7/23 1 Pine Hill Road, Lancaster - Steve
Moore
8/6 2 Crane WMA, Falmouth - Nick Dorian
8/7 2 Nasketucket Bay Reserve, Mattapoisett -
Lauren Miller-Donnelly
8/10 4 Crane WMA, Falmouth - Joe Dwelly
9/2 1 Plum Island, Newbury - Matt Arey
9/27 1 MHF, Sharon - Lucy Merrill-Hills

Wild Indigo Duskywing

- 5/18 2 Correllus State Forest, West Tisbury -
Matt Pelikan
5/21 1 Lamson Rd, Foxborough - Madeline
Champagne
5/21 6 Dauphinis Park, Grafton - Price,
Miller, St. Onge
6/10 5 Nasketucket Bay Reserve, Mattapoisett
- Michael Newton
7/30 4 Grafton - Price, Miller, St. Onge
8/6 15 Crane WMA, Falmouth - Nick Dorian
8/20 50 Crane WMA, Falmouth - Michael
Newton
9/13 3 Boston Nature Center - Lucy
Merrill-Hills
10/4 1 Northampton CG - Bill & Nancy
Callahan
10/22 1 Crane WMA, Falmouth - Michael
Newton

Common Checkered-Skipper

- 9/22 1 Northampton CG - Bill Callahan
9/24 2 Northampton CG - MBC Trip
10/12 2 Northampton CG - Tom Gagnon
10/21 1 Northampton CG - Bill Callahan

Common Sootywing

- 5/18 1 Sunderland - Bill Benner
5/28 1 Turners Falls Airport - Mark Lynch,
Sheila Carroll
6/18 1 Ware River Watershed - Mark Lynch,
Sheila Carroll
7/28 1 Franklin - Keith Shaw

8/3 2 Crane WMA, Falmouth - Nick Dorian
8/5 1 MBWMA, Newbury - Matt Arey
9/16 1 Northampton CG - Lucy Merrill-Hills
10/21 1 Crane WMA, Falmouth - Matt Arey

Arctic Skipper

6/3 2 Moran WMA, Windsor - MBC Trip
6/17 36 Moran WMA, Windsor - Bill Callahan

Least Skipper

6/11 3 Johnny Appleseed Park, Springfield - Bill Callahan
6/24 27 Rutland - David Grant
7/2 7 Sheffield - Mark Lynch, Sheila Carroll
7/9 10 Fowl Meadows, Milton - Lucy Merrill-Hills
8/11 20 Johnny Appleseed Park, Springfield - Bill Callahan
8/19 49 Quaboag WMA, Brookfield - Mark Lynch, Sheila Carroll
8/21 2 Rowe - Mark Lynch, Sheila Carroll
8/25 54 FS WMA, Longmeadow - Bill Callahan
8/28 1 Holliston - Richard Hildreth
9/9 12 AP Allens Neck, Dartmouth - MBC Trip
9/14 51 FS WMA, Longmeadow - Bill Callahan
9/17 8 North Road, Whately - Mark Fairbrother
9/19 41 FS WMA, Longmeadow - Bill Callahan
10/7 3 FS WMA, Longmeadow - Bill Callahan

European Skipper

6/8 2 Monson - Mark Lynch, Sheila Carroll
6/14 20 LPWS, Barnstable - Joe Dwelly
6/18 45 McDonald Nature Preserve, Wilbraham - Bill Callahan
6/23 19 Wilbraham Middle School grounds - Bill Callahan
6/28 42 Hawley - Mark Lynch, Sheila Carroll
7/2 70 LPWS, Barnstable - Joe Dwelly
7/8 189 N Worcester NABA - Wendy Howes *et al.*
7/10 30 Thompson Fields, Harwich - Joe Dwelly
8/17 1 Holliston - Richard Hildreth

Fiery Skipper

8/5 1 Plum Island Airport, NP - Matt Arey
8/21 1 Northampton CG - Bill & Nancy Callahan
9/6 1 Belmont - Fred Bouchard
9/11 2 Appleton Farms, Ipswich - Matt Arey
9/24 1 Westport - Mark Lynch, Sheila Carroll
10/1 3 Appleton Farms, Ipswich - MBC Trip
10/4 4 Northampton CG - Bill & Nancy Callahan

10/14 1 Bennett Meadow, Northfield - Bill & Nancy Callahan
10/22 1 Canoe Meadows, Pittsfield - Gael Hurley
10/28 1 Northampton CG - Bill & Nancy Callahan
11/9 1 Nahant - Linda Pivacek

Leonard's Skipper

8/27 1 Nasketucket Bay Reserve, Mattapoiset - Matt Arey
9/2 1 Plum Island, Newbury - Matt Arey
9/2 3 Halibut Point SP, Rockport - Matt Arey
9/4 8 BMB WS, Worcester - Bill & Nancy Callahan
9/6 2 Wellfleet Bay Ws, Wellfleet - Mark Faherty
9/9 1 Sylvan Nursery, Dartmouth - MBC Trip
9/11 1 Ware River Watershed - Mark Lynch, Sheila Carroll
9/16 1 Cheshire - Mark Lynch, Sheila Carroll
9/16 2 Crane WMA, Falmouth - Serge Matheny
9/16 3 Airport, W Tisbury - Erin Haugh

Cobweb Skipper

5/16 2 Athol - Ron & Sue Cloutier
5/18 2 Correllus State Forest, West Tisbury - Matt Pelikan
5/19 6 Turners Falls Airport - Ron & Sue Cloutier
5/21 1 Athol - Steve Moore
5/28 2 Old County, W Tisbury - Matt Pelikan
6/3 2 MSSF, Plymouth - Matt Arey

Indian Skipper

5/27 10 Florence - Bill Callahan
5/28 2 Northampton - Steve Moore, Barbara Volkle
5/28 2 Old County, W Tisbury - Matt Pelikan
6/1 1 Holliston - Richard Hildreth
6/3 7 Florence - Bill & Nancy Callahan
6/3 30 MSSF, Plymouth - Matt Arey
6/10 8 MSSF, Plymouth - Michael Newton
6/30 3 Oak St. PL, Shrewsbury - Bruce deGraaf
7/2 1 C Franklin NABA - Mark Fairbrother *et al.*

Peck's Skipper

5/24 1 E Longmeadow - Karen Parker
6/4 2 BMB WS, Worcester - Steve Moore
6/11 22 Wilbraham - Bill & Nancy Callahan
7/21 61 Windsor - Moore, Gagnon, Volkle
8/8 3 Bart's Cobble, Sheffield - Wendy Howes, Allan Rawle
9/2 12 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
9/17 4 Deerfield - Mark Fairbrother

10/8 1 FS WMA, Longmeadow - Bill & Nancy Callahan
10/15 1 AP, Dartmouth - Matt Arey

Tawny-edged Skipper

6/1 4 Fountain Park, Wilbraham - Bill Callahan
6/4 1 BMB WS, Worcester - Steve Moore
6/22 1 Muir Meadow, Paxton - Fred Bouchard
8/10 4 Parker yard, E. Longmeadow - Karen Parker
8/17 2 Holliston - Richard Hildreth
9/2 7 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
9/12 3 Northampton CG - Bill Callahan
9/16 1 Trade Winds, Oak Bluffs - Matt Pelikan
9/24 1 Northampton CG - MBC Trip

Crossline Skipper

7/3 3 Crane WMA, Falmouth - Joe Dwelley
7/15 7 Falmouth NABA - Joe Dwelley *et al.*
7/21 1 West Whately - Bill Benner
7/23 3 Parker yard, E. Longmeadow - Karen Parker
8/5 1 Parker yard, E. Longmeadow - Karen Parker

Long Dash

5/28 1 Lamson Rd, Foxborough - Madeline Champagne
6/2 1 Sharon - Madeline Champagne
6/8 8 Wilbraham Middle School grounds - Bill Callahan
6/14 13 Muir Meadow, Paxton - Elise Barry
6/21 2 Lakeview-Morse CA, Sharon - Madeline Champagne
6/30 1 Oak St. PL, Shrewsbury - Bruce deGraaf
7/2 6 C Franklin NABA - Mark Fairbrother *et al.*
7/23 2 Berkshire Co. - Bill & Nancy Callahan
9/6 1 Belmont - Fred Bouchard

Northern Broken-Dash

7/2 1 Northborough - Steve Moore
7/15 10 Falmouth NABA - Joe Dwelley *et al.*
7/21 15 West Whately - Bill Benner
7/25 1 Cummington - Henry Chinaski
7/30 12 West Whately - Bill Benner
8/1 4 Parker yard, E. Longmeadow - Karen Parker
8/7 9 Nasketucket Bay Reserve, Mattapoisett - Lauren Miller-Donnelly
8/8 1 Lime Kiln, Sheffield - Wendy Howes, Allan Rawle
8/10 2 Crane WMA, Falmouth - Joe Dwelley
9/16 1 Northampton CG - Lucy Merrill-Hills

Little Glassywing

6/20 1 FS WMA, Longmeadow - Bill Callahan

7/2 13 C Franklin NABA - Mark Fairbrother *et al.*
7/8 11 N Worcester NABA - Wendy Howes *et al.*
7/21 10 Berkshire Co. - Gael Hurley
8/11 6 Boston Nature Center - Lucy Merrill-Hills
8/16 2 Parker yard, E. Longmeadow - Karen Parker
8/20 1 BMB WS, Worcester - Steve Moore

Sachem

7/18 1 Falmouth NABA - Alison Robb *et al.*
8/7 1 Nasketucket Bay Reserve, Mattapoisett - Matt Arey
9/15 2 Oak Bluffs - Matt Pelikan
9/24 2 Westport - Mark Lynch, Sheila Carroll
9/27 1 Florence Community Gardens - Bill Callahan
10/6 14 AP, Dartmouth - michael Newton
10/23 20 Ocean Park, Oak Bluffs - Matt Pelikan

Delaware Skipper

6/11 1 MBWMA, Newbury - Marjorie Watson
7/2 1 HPM, Woburn - MBC Trip
7/8 16 N Worcester NABA - Wendy Howes *et al.*
7/15 9 Falmouth NABA - Joe Dwelley *et al.*
7/16 2 W Hill Dam, Uxbridge - Tom & Cathy Dodd
7/21 3 Berkshire Co. - Gael Hurley
7/23 8 Berkshire Co. - Bill & Nancy Callahan
7/30 8 Lake Wampanoag WS, Gardner - MBC Trip
8/2 2 DCR Kristoff Farm, Sterling - Elise Barry, Wendy Howes

Mulberry Wing

7/8 2 CST, Northborough - Steve Moore
7/15 31 Cedar Hill, Northborough - MBC Trip
7/16 17 Cedar Hill, Northborough - MBC Trip
7/17 4 Wrentham - Madeline Champagne
7/23 10 Berkshire Co. - Bill & Nancy Callahan
7/26 3 Lakeview-Morse CA, Sharon - Madeline Champagne
7/30 1 Lake Wampanoag WS, Gardner - MBC Trip
8/6 3 Windsor - Bill & Nancy Callahan

Hobomok Skipper

6/2 4 FS WMA, Longmeadow - Bill Callahan
6/3 5 Nasketucket Bay Reserve, Mattapoisett - Matt Arey
6/4 1 Dauphinais Park, Grafton - Dolores Price
6/4 1 Petersham - Mark Lynch, Sheila Carroll
6/14 8 Muir Meadow, Paxton - Elise Barry
6/14 1 Monroe - Mark Lynch, Sheila Carroll
6/15 4 BMB WS, Worcester - Steve Moore

6/17 23 Windsor - Bill Callahan
6/28 1 Hawley - Mark Lynch, Sheila Carroll
7/2 1 Windsor Dam, Ware - Bill & Nancy
Callahan

Zabulon Skipper

5/28 4 AP, Dartmouth - Michael Newton
6/2 3 FS WMA, Longmeadow - Bill Callahan
6/8 2 Oak Bluffs - Matt Pelikan
6/10 10 Nasketucket Bay Reserve,
Mattapoissett - Michael Newton
8/19 6 FS WMA, Longmeadow - MBC trip
8/26 13 Nasketucket Bay Reserve,
Mattapoissett - Marjorie Watson
9/9 9 AP Allens Neck, Dartmouth - MBC Trip
9/11 1 Appleton Farms, Ipswich - Matt Arey
9/18 1 Northampton CG - Bill Callahan
10/21 1 West Whately - Bill Benner

Broad-winged Skipper

7/15 11 Cedar Hill, Northborough - MBC Trip
7/19 1 Greylock Glen, Adams - Gael Hurley
7/19 3 Johnny Appleseed Park, Springfield -
Bill Callahan
7/22 1 Muddy Brook WMA, Hardwick -
Wendy Howes
7/30 6 Rough Meadows WS, Rowley - Bo
Zaremba
7/30 6 Marlborough - Bruce deGraaf
8/3 1 Tisbury - Matt Pelikan
8/5 12 Newbury, Boston Rd & Hay Street -
Matt Arey
8/9 5 Housatonic WMA, Lenox - Gael Hurley
8/11 4 Johnny Appleseed Park, Springfield -
Bill Callahan
8/21 2 Wellfleet Bay Ws, Wellfleet - Larry
Barry
9/2 2 AP, Dartmouth - Lauren Miller-Donnelly

Dion Skipper

7/9 3 Fitzgerald Lake, Florence - Bill &
Nancy Callahan
7/21 1 Berkshire Co - Gael Hurley
7/23 2 Berkshire Co. - Bill & Nancy Callahan
7/26 2 Washington - Gael Hurley

Black Dash

7/12 1 Great Meadow, Arlington - Matt Pelikan
7/15 15 Cedar Hill, Northborough - MBC Trip
7/17 3 Wilbraham Middle School grounds -
Bill Callahan
7/21 1 Sharon - Deborah Post Radovsky
7/22 6 Williams Land, Harvard - Nick Dorian
8/1 1 Parker yard, E. Longmeadow - Karen
Parker
8/5 1 MBWMA, Newbury - Matt Arey

Two-spotted Skipper

6/27 1 Berkshire Co. - Bo Zaremba
7/16 2 Berkshire Co. - Gael Hurley
7/21 2 Berkshire Co. - Gael Hurley
7/23 1 Berkshire Co. - Bill & Nancy Callahan

Dun Skipper

7/1 1 Gill - Bill & Nancy Callahan
7/21 20 Berkshire Co. - Gael Hurley
7/23 30 Berkshire Co. - Bill & Nancy Callahan
7/30 29 Lake Wampanoag WS, Gardner -
MBC Trip
8/5 12 Scarborough Brook CA, Belchertown
- MBC Trip
8/7 7 Nasketucket Bay Reserve, Mattapoissett -
Lauren Miller-Donnelly
8/20 5 Windsor - Bill Callahan
9/9 1 AP Allens Neck, Dartmouth - MBC Trip
9/16 1 Greenfield PL - Bill & Nancy Callahan

Dusted Skipper

5/21 1 Athol - Steve Moore
5/27 12 Florence - Bill Callahan
5/28 9 Correllus State Forest, Edgartown -
Matt Pelikan
6/1 12 Fountain Park, Wilbraham - Bill
Callahan
6/2 3 Norfolk, Miller Street field - Madeline
Champagne
6/3 10 MSSF, Plymouth - Matt Arey
6/10 1 MSSF, Plymouth - Michael Newton
6/11 8 Turners Falls Airport - Mark Fairbrother
6/15 1 BMB WS, Worcester - Steve Moore
6/21 1 Crane WMA, Falmouth - Joe Dwelly

Pepper and Salt Skipper

5/21 1 Dauphinais Park, Grafton - Price,
Miller, St. Onge
5/27 1 FS WMA, Longmeadow - Bill Callahan
6/17 1 Moran WMA, Windsor - Bill Callahan

Ocola Skipper

8/28 1 Franklin - Keith Shaw
9/2 1 Plum Island, Newbury - Matt Arey
9/13 1 White Horse Beach, Plymouth - Mark
Faherty
9/27 1 Florence Community Gardens - Bill
Callahan
10/2 3 Fairhaven - Lauren Miller-Donnelly
10/6 1 Sylvan Nursery, Dartmouth - Michael
Newton
10/10 1 Arlington Heights - Lisa Wolfe
10/22 1 Northampton CG - Bill Callahan



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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 2017. Sincere apologies to anyone we inadvertently missed.

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Tom Whelan
Bo Zaremba



Atlantis Fritillaries (*Speyeria atlantis*), 7/15/17, Berkshire Co., MA, Bill Callahan

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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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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Tiger Swallowtail sp. (*Papilio glaucus* sp. or hybrid),
6/18/17, Shrewsbury, MA, Bruce deGraaf



Common Checkered-Skipper (*Pyrgus communis*),
9/22/17, Northampton, MA, Bill Callahan