

Massachusetts Butterflies



Spring 2019, No. 52

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Shelburne, MA, Bill Benner

Cover photo: Brown Elfin (*Callophrys augustinus*),
5/5/18, Karner Blue Easement, Concord, NH, Nick Dorian

Arnold Arboretum
Boston, MA
by Lucy Merrill-Hills

Arnold Arboretum, located in Jamaica Plain and Roslindale—two neighborhoods in Boston, MA—is a 281-acre living collection of scientifically documented trees, shrubs, vines, and other plants for teaching and research, as well as for general enjoyment by the public. The Arboretum has a variety of habitats, including fields, ponds and forest areas. It is owned by the City of Boston and managed by Harvard University.

Frederick Law Olmstead, a renowned landscape architect among whose many accomplishments also included Central Park in New York and Forest Park in Springfield, MA, developed the design of the roads and planting areas on land donated to Harvard College by Benjamin Bussey and James Arnold. Charles Sprague Sargent, a scientist and botanist, collected thousands of tree and plant specimens from around the world, collecting plants which would thrive under the growing conditions in Boston, and he became the Arboretum's first director. Arnold Arboretum, established in 1872, is listed as a National Historic Landmark, and is part of the “Emerald Necklace”, a series of parks and waterways designed by Olmstead in Boston and Brookline.

I visit seven areas in the Arboretum to look for butterflies, and over the past two seasons have seen 37 species.

My favorite spot is Kent Field. (1) (See map on page 6, or on the Arboretum website.) It has large plantings of a variety of nectar sources, blooming from the middle of April through the end of October. The plants that attract the most pollinators are the two large clumps of Mountain-Mint and Boneset in the middle of the field, as well as the Joe-Pye Weed along the creek. Kent Field is visible from Hemlock Hill Road, and is accessible from the Walter Street Gate and the Bussey Street Gate.

Start near the small sign for the Conifer Path. Keeping the Larches on your left and the creek on your right, walk along the wide grassy path, looking in the grass for American Coppers, Least Skippers, Peck's Skippers and Eastern Tailed-Blues. The most interesting species I saw in Kent Field was a White-M Hairstreak on the mint. Other species here were Common Buckeye, Eastern Tiger Swallowtail flying in the trees around the field, Black Swallowtail, especially pretty nectaring on the Great Blue Lobelia, Pearl Crescent, Monarch, Gray Hairstreak, Red Admiral, Northern Broken-Dash, Dun Skipper, Common Ringlet, Viceroy, American Lady, Common Sootywing, Silver-spotted Skipper, Orange and Clouded Sulphurs, and Cabbage White. Each side of the creek between Kent Field and Hemlock Hill Road are other areas to check for butterflies, especially on the Joe-Pye Weed when it is blooming. Near the creek, Smartweed and Curly Dock grow, but I have not seen any butterflies on those two plants yet. Toward the end of the butterfly season, the field and grassy path is wet, and boots are needed to navigate the path.

Walk up the hill behind Kent Field to the Conifer Path, looking in the English Plantain, Milkweed and Great Blue Lobelia for more butterflies. At the end of the Conifer Path, take a right on Valley Road, looking for a rectangular-shaped garden with Turk's Cap Lilies at the back of the garden. (2) Here, the interesting species were Banded Hairstreak and Red-banded Hairstreak. Other species here were American Copper, Eastern Tailed-Blue, Summer Azure and Little Wood-Satyr, in addition to Orange and Clouded Sulphurs.

Next, I usually walk up the steep dirt path on the side of Bussey Hill (there's a bench at the top of the path where you can have a sip of water and catch your breath), then follow the paved road around to the top of Bussey Hill (3), but you can also walk along paved Valley Road to Bussey Hill Road, which will take you to the top of the hill more gradually. The two best species seen there were the Pipevine Swallowtail and the Giant Swallowtail. Other species seen there were Eastern Tiger Swallowtail, Black Swallowtail and Spicebush Swallowtail. My theory (unproven) is that the Swallow-

tails fly back and forth from the Harlequin Glorybower shrub to the top of Bussey Hill. The best time to see the Swallowtails at the top of Bussey Hill is noon-2:30PM. Other species at the top of the hill were Red-spotted Purple, Summer Azure, Monarch and Mourning Cloak.

Along Bussey Hill Road, near the Lilacs and the stairs to the ponds and Meadow Road (4), is a Harlequin Glorybower shrub and a pink Silk Tree. The Pipevine Swallowtail and Giant Swallowtail favor the Glorybower shrub. Other butterfly species seen regularly there were Eastern Tiger Swallowtail, Silver-spotted Skipper and Monarch. It is also a popular spot for Hummingbird moths and Ruby-throated Hummingbirds. There are some Hackberry trees along Bussey Hill Road, which I have not yet investigated for butterflies.

Dawson Pond (5) is nearby, on one side of the Bradley Rosaceous Collection. Species seen there were Gray Hairstreak, Silver-spotted Skipper, Monarch and Peck's Skipper. There are also Snapping Turtles and Goldfish in that pond. Smartweed grows in several areas around the pond, and I spent a lot of time looking for a Bronze Copper, unsuccessfully.

Weld Hill (6) is a field bound by Centre Street, Weld Street and Walter Street, and is located behind the Weld Hill Research building. The path runs from Centre Street to the back of the research building. Thistle, daisies, a variety of grasses, goldenrod, asters, St. Johnswort, English Plantain, clover, Sheep Sorrel, Queen-Anne's Lace, Black-eyed Susan, hawkweed, vetch, Bird's-foot Trefoil, and Daisy Fleabane are a few of the plants which attract butterflies there. The species seen were American Copper, Zabulon Skipper, Eastern Tiger Swallowtail, Common Ringlet, Peck's Skipper, Black Swallowtail, Red Admiral, Pearl Crescent, Least Skipper, American Lady, Painted Lady, Orange and Clouded Sulphurs, and a Duskywing species.

At Peters Hill (7), there are many Skippers flying along each side of the steep path to the top of the hill, where you will have a nice

view of the city. Milkweed, asters, goldenrod, Red Clover, hawkweed, Bird's-foot Trefoil, Tansy, Black-eyed Susan, Daisy Fleabane, and Yarrow are a few of the types of flowers growing along the path, as well as in the many fields which are spread out along Peters Hill above Peters Hill Road. Species seen here were Black Swallowtail, Painted Lady, Red Admiral, Great Spangled Fritillary, Monarch, Zabulon Skipper, Peck's Skipper, Eastern Tailed-blue, European Skipper, Silver-spotted Skipper, Eastern Tiger Swallowtail and Pearl Crescent.

Directions: I usually park on Bussey Street, but parking is also available on Walter Street, and along the Arborway/Route 203 near the main entrance, with smaller parking areas at the Centre Street Gate, the South Street Gate and at Poplar Gate. There are bathroom facilities at the Hunnewell Visitor Center and near the entrance to the Leventritt Shrub and Vine Garden. Benches are scattered throughout the Arboretum along the main paved roads as well as a few on the unpaved paths.

Species List [of confirmed sightings; other species may be possible], Total = 37:

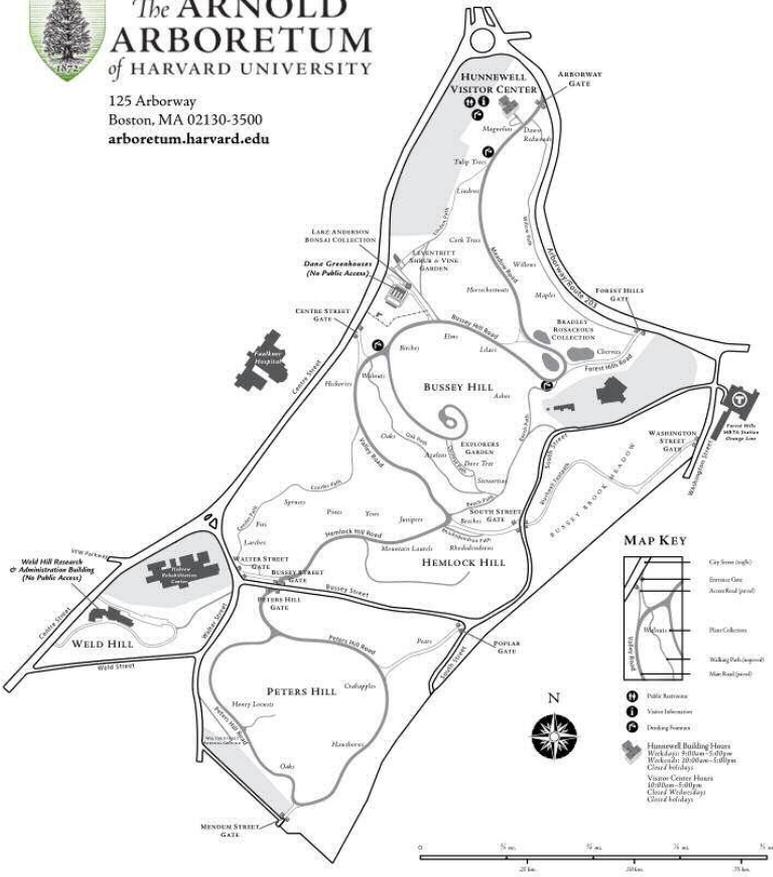
Pipevine Swallowtail (R), Black Swallowtail (C), Giant Swallowtail (R), Eastern Tiger Swallowtail (C), Spicebush Swallowtail (C), Cabbage White (A), Clouded Sulphur (C), Orange Sulphur (C), American Copper (A), Banded Hairstreak (R), White-M Hairstreak (R), Gray Hairstreak (U), Red-banded Hairstreak (R), Spring Azure (C), "Summer" Spring Azure (U), Great Spangled Fritillary (U), Pearl Crescent (C), Mourning Cloak (U), American Lady (U), Painted Lady, (C), Red Admiral (U), Common Buckeye (U), Red-spotted Purple (U), Viceroy (R), Little Wood-Satyr (U), Common Ringlet (U), Monarch (C), Silver-spotted Skipper (C), Common Sootywing (U), Least Skipper (C), European Skipper (U), Tawny-edged Skipper (U), Northern Broken-Dash (C), Little Glassywing (U), Peck's Skipper (A), Zabulon Skipper (U), Dun Skipper (U)





The ARNOLD ARBORETUM of HARVARD UNIVERSITY

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Boston, MA 02130-3500
arboretum.harvard.edu



Map courtesy of the Arnold Arboretum of Harvard University; © 2015 President and Fellows of Harvard University

You can read much more about the Arboretum, including research projects, further maps and directions, at:
<https://www.arboretum.harvard.edu/>



2018 Season Summary and Records

Mark Fairbrother

February flirted with us with amazing fine weather for a few days late in the month, then March rapped us across the knuckles and we were well into April before things got going in earnest. May was fine enough, then in June it got hot, and dry. It stayed that way for a prolonged period before rains finally returned in late July, although it continued to be hot through the balance of the season. The first sightings were on February 21, when an Eastern Comma was abroad in Hampden, and a Mourning Cloak was in Newbury. The late record for 2018 was an Eastern Comma in Natick on the remarkable date of December 20. There was no strong push of southern species later in the season, although there were some sightings of the more expectable ones. Inland, the hot spots were again the Northampton Community gardens and the Fannie Stebbins refuge in Longmeadow. Closer to the coast, Newbury, Boston and Mattapoissett attracted much attention.

Over 8,600 records were received for the 2018 season, somewhat less than 2017. Of these, nearly a quarter came to me in December, and even January. Additionally, several reporters posted records during the season on MassLep or Facebook, only to send those same records, and more, again at the end of the season, giving me the opportunity to double-enter records and then eventually go back and delete the copies. 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. 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. 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.

CORRECTIONS

The number of species reported for 2017 was 107, not 106 as stated in last year's report.

The number of records received in 2017 was over 9,200, not the 7,000+ previously stated.

The number of species reported for 2018 was 106.

SWALLOWTAILS

Giant Swallowtail emerged at the end of July and could be encountered almost anywhere through August. There were only six scattered reports of Pipevine Swallowtail. Eastern Tiger had a banner year, with many reports of numbers being seen from early May well into September, and Canadian Swallowtail reports continued about average, while Spicebush Swallowtail also had another good year. Appalachian Swallowtail was reported twice, once each from Mount Wachusett and Newbury.

WHITES AND SULPHURS

Over 1,000 records for Cabbage White were received this year. Checkered White appeared at the NCG in small numbers again this fall. The other whites and sulphurs had average seasons, while Cloudless Sulphur and Little Yellow went unreported this year.

GOSSAMER-WINGS

Harvester was reported from a few more locations from Pittsfield to Sherborn, while the two most reported spots continue to be the Mystic Lakes and Longmeadow. American Copper reports were common and widespread across the season, while Bog Copper and Bronze Copper were both reported from the usual locations in mostly usual numbers. Coral Hairstreak was reported more widely across the state. Edwards Hairstreak surfaced in Ware and Wilbraham, in addition to more expected eastern locations. Striped Hairstreak numbers were off with reports scattered sparsely across the state. Frosted Elfin feeding on Baptisia were relatively widespread in the east, while the lupine feeders were again reported from just a couple sites in the CRV. Bog Elfin returned to Worcester County in 2018. Henry's and Hoary Elfin reports and numbers were about average. Red-banded Hairstreak was again widely reported from the east-southeast, but not in the amazing numbers of the past couple years. Hickory Hairstreak was unreported. White-M Hairstreak records were from Worcester Co. eastward, Hessel's Hairstreak was again unreported, and Juniper Hairstreak was found mostly in Woburn and elsewhere near the coast except for its western stronghold in Holyoke. Gray Hairstreaks were reported widely all season, with only one report from Berkshire County. Early Hairstreak was reported from the high Berkshires. Spring and Summer Azure numbers and sightings both were about average. There were seven reports of Cherry Gall Azure from across the state. Silvery Blue reports were from Worcester County westward to the Berkshires.

BRUSHFOOTED BUTTERFLIES

Variegated Fritillary was represented by a single report. After some early strong numbers reported, Great Spangled Fritillary had a very off year, while Aphrodite Fritillary reports were scattered across the northern half of the state. Atlantis Fritillary numbers continue to be very low and limited to the Berkshires. Very few reports of Meadow Fritillary were received, but they included the

jackpot found by 4J counters on the No. Berkshire Co. count, while Silver-bordered Fritillary was reported in more expected numbers and places. Harris' Checkerspot went nearly unreported away from Broad Meadow Brook in Worcester. Baltimore Checkerspot reports were heavily balanced toward the eastern half of the state. All but one Question Mark reports were of single individuals, while Eastern Comma was well and widely reported all season. Gray Comma were again mostly in the Berkshires and Essex Co.. A Compton Tortoiseshell seen by several different people at Fowl Meadow in Milton was one of only two seen all season, with the other report from Southern Berkshire Co.. Mourning Cloak reports appeared normal for the first half of the season, but tailed off in late summer and fall. Three of only 4 Milbert's Tortoiseshell were from No. Berkshire Co. 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 was nearly absent after last fall's show. Common Buckeye popped up here and there but most reports were from a power line in Shrewsbury.

Viceroy was widely reported, while Hackberry Emperor was reported only from the usual locations in Springfield and Northampton, and Tawny Emperor was reported once from Berkshire County and several times in Northampton. No. Pearly-eye was reported from everywhere except the southeast. Eyed Brown reports were scattered across the state, as were Appalachian Brown. Little Wood-Satyr, Com. Ringlet and Wood-Nymph reports were about average and although the hoped-for large numbers of Monarchs in the southeast mostly didn't really happen, good numbers of Monarchs were reported across the region all summer long.

SKIPPERS

There was a single Long-tailed Skipper report in 2018, from Dartmouth. Hoary Edge was again reported almost exclusively from Broad Meadow Brook and the Northampton 4J count. The Cloudywing were where they usually are, as were the Dusky-

wings. Com. Checkered Skipper was again in residence at the NGC later in the season, while Common Sootywing reports were scattered across the state.

Arctic Skipper was again mostly reported from the Berkshires, with one report from Royalston. Least Skipper was reported into mid-October but in lower numbers. Only three Fiery Skipper reports were received, but Indian Skipper was reported across the state.

Leonard's Skipper was represented by a small handful of reports from Worcester County to the Cape. Cobweb Skipper was reported almost exclusively from the Montague sandplains. Peck's Skipper did well generally, as did Long Dash. Zabulon Skipper was again reported more often than Hobomok, although it was a closer race this year, with reports from the lower CRV and Worcester County eastward. It appears to still not have made it into the Berkshires and most of Franklin Co.. Broad-winged Skipper reports were scattered across the state from the Cape to Pittsfield. Dion Skipper was reported from four locations, while Two-spotted Skipper was reported three times. Pepper and Salt Skipper was reported from six distinctly northern-flavored sites while Sachem was found only in the southeast mainland. Ocola Skippers were found in six different places in 2018, grouped largely in the lower CRV and the Dartmouth area.

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-Norhampton 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

Pipevine Swallowtail

- 5/5 1 Myles Standish State For. Carver - Matt Arey
6/5 1 Woods Hole - Mark Faherty
6/11 1 Adams Farm, W. Bridgewater - Don Adams
8/10 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
9/14 1 Northampton CG - Bill Callahan
11/7 1 Wareham - Andrew Griffith

Black Swallowtail

- 5/2 1 Old Town Hill, Newbury - Bo Zaremba
5/4 5 Rubchinuk Hill, Boxford - Matt Arey
5/5 1 Stonehill College, Easton - Nick Block
5/9 4 Breakneck Hill Conservation Land, Southborough - Dawn Vesey
5/11 12 Rubchinuk Hill, Boxford - Matt Arey
5/15 4 HPM, Woburn - Steve Moore
5/20 1 Cherry Hill Reservoir, Newbury - Marjorie Watson
5/22 1 Groveland - Bo Zaremba
5/25 1 Moore SP, Paxton - Karl & Elise Barry
5/29 1 Moran WMA, Windsor - MBC Trip
6/2 4 Windsor - Bill Callahan
6/9 1 Amherst - Josh Rose
6/14 2 Appleton Farms, Ipswich - Jim Berry
6/26 2 Woodsom Farm, Amesbury - Marjorie Watson
7/7 8 N Worcester NABA - Wendy Howes *et al.*
7/9 3 Truro NABA - Mark Faherty *et al.*
7/14 10 C Berkshire NABA - Tom Tynning *et al.*
7/19 4 MHF, Sharon - Lucy Merrill-Hills
7/21 23 Northampton NABA - Mark Fairbrother *et al.*
7/29 3 Borden Colony, Raynham - Michael Newton
7/31 1 Moore SP, Paxton - Elise Barry
8/5 6 Crane WMA, Falmouth - Joe Dwelly
8/10 1 Grass Rides, Hamilton - Jim Berry
8/16 2 Arlington Heights - Lisa Wolfe
8/19 1 Marshfield - Rosemary Mosco
8/20 1 MMP, Williamstown - Mark Rosenstein
8/24 1 Rockport - Kris
8/29 6 Florence Community Gardens - Bill Callahan
9/1 7 AP Field Station, Dartmouth - Lauren Miller-Donnelly
9/4 5 World's End, Hingham - Paul Peterson
9/8 1 Newbury, Tendercrop Farm - Matt Arey
9/14 1 Muddy Brook WMA, Hardwick - Wendy Howes
9/20 4 Florence Community Gardens - Bill Callahan
10/1 3 AP Field Station, Dartmouth - Moore,

- Kessler, Reid
10/9 2 AP Field Station, Dartmouth - Lauren Miller-Donnelly

Giant Swallowtail

- 5/25 1 Florence - Tom Gagnon
6/1 1 Wenham Canal - Matt Arey
6/10 1 Bart's Cobble, Sheffield - Bill Callahan
7/28 14 Bart's Cobble, Sheffield - MBC Trip
7/28 3 Lime Kiln, Sheffield - MBC Trip
7/29 1 Mount Washington - Peter DeGennaro
7/29 1 Williamsburg Flower Hill Farm - Carol Duke
7/29 5 Bart's Cobble, Sheffield - Peter DeGennaro
8/1 1 Easthampton - Bruce King
8/7 1 Drumlin Farm, Lincoln - Steve Moore
8/10 1 Spencer - Ellen Sousa
8/10 4 West Whately - Bill Benner
8/16 1 Stockbridge - Rod Drees
8/16 6 Bart's Cobble, Sheffield - Julie Richburg
8/17 1 Marblehead - Karen Haley
8/19 1 Conte NWR, Hadley - Josh Rose
8/20 1 Rough Meadows WS, Rowley - Matt Arey
8/22 1 Parker yard, E. Longmeadow - Karen Parker
8/23 1 Springfield - Thomas Antaya
8/25 1 Arlington Heights - Lisa Wolfe
8/26 1 Endicott Park, Danvers - Lucy Merrill-Hills
8/27 1 Gill - Mark Fairbrother
8/31 1 Plum Island, Newbury - Matt Arey
9/2 3 Arnold Arboretum, Boston - Lucy Merrill-Hills
9/14 1 Northampton CG - Bill Callahan
- ## Tiger Swallowtail (*spp.*)
- 5/3 1 HPM, Woburn - Howard Hoopie
5/5 1 Sherborn - Michael Newton
5/15 1 Williamsburg Flower Hill Farm - Carol Duke
5/21 4 Great Meadow, Arlington - Fred Bouchard
5/26 12 Ashburnham - Bill & Nancy Callahan
6/3 10 Williamsburg Flower Hill Farm - Carol Duke
6/18 22 Mt A, Cambridge - Fred Bouchard
6/30 1 Chelsea - Joe Malachowski
7/7 1 Peru - Steve Moore
7/19 25 MMP, Williamstown - Tor Hansen
7/20 7 Cass Meadows, Athol - Dave Small
7/23 1 Fall River - Doug Hlousek
7/29 1 Mount Washington - Peter DeGennaro
8/10 1 E Longmeadow - Karen Parker
8/19 2 Arlington Heights - Lisa Wolfe
8/29 1 Parker yard, E. Longmeadow - Karen

Parker

9/1 1 Arlington Heights - Lisa Wolfe

Eastern Tiger Swallowtail

5/1 2 HPM, Woburn - Mark Rosenstein

5/4 1 Old Town Hill, Newbury - Matt Arey

5/5 1 Reservoir Rd, Sunderland - Bill & Nancy Callahan

5/14 4 Dauphinais Park, Grafton - Steve Moore

5/21 8 Westborough WMA - Steve Moore

5/24 8 Holliston - Richard Hildreth

5/26 4 Crane Beach, Ipswich - Jim Berry

5/30 44 Petersham - Mark Lynch, Sheila Carroll

6/2 23 Quabog IBA, the Brookfields - Mark Lynch, Sheila Carroll

6/9 15 Wendell - Mark Lynch, Sheila Carroll

6/16 42 Monterey - Mark Lynch, Sheila Carroll

6/17 9 NCM, Petersham - Bill & Nancy Callahan

6/20 27 Chester - Mark Lynch, Sheila Carroll

6/25 1 Lunenburg - Pam Hill

6/26 1 Woodsom Farm, Amesbury - Marjorie Watson

6/27 2 HPM, Woburn - Mark Rosenstein

6/29 4 West Whately - Bill Benner

7/4 46 C Franklin NABA - Mark Fairbrother *et al.*

7/7 54 N Worcester NABA - Wendy Howes *et al.*

7/8 97 N Berkshire NABA - Tom Tynning *et al.*

7/13 1 Maudslay SP, NP - Lucy Merrill-Hills

7/14 59 C Berkshire NABA - Tom Tynning *et al.*

7/19 2 Moore SP, Paxton - Elise Barry

7/20 42 Windsor - Bill Callahan

7/21 71 Northampton NABA - Mark Fairbrother *et al.*

7/25 2 Lake Wampanoag WS, Gardner - Wendy Howes

7/29 9 Sandisfield - Mark Lynch, Sheila Carroll

8/2 1 Melrose - Lesley Mattuchio

8/8 6 FS WMA, Longmeadow - Bill Callahan

8/15 2 Drumlin Farm, Lincoln - Mark Rosenstein

8/19 1 Elm Hill, MAS, Brookfield - MBC Trip

8/23 4 FS WMA, Longmeadow - Mark Rosenstein

8/30 1 Worcester - Raquel Velez

9/2 1 Parker yard, E. Longmeadow - Karen Parker

9/15 9 North Adams, Mt. Greylock State Res. - Moore, Volkle, Gagnon

9/23 1 MBWMA, Newbury - Matt Arey

10/21 1 Worcester - Raquel Velez

Canadian Tiger Swallowtail

5/5 1 Montague Plains - Bill & Nancy Callahan

5/9 1 Petersham - Mark Lynch, Sheila Carroll

5/14 3 Huntington - Mark Lynch, Sheila Carroll

5/17 1 West Whately - Bill Benner

5/21 1 Athol - Earle Baldwin

5/30 7 Northern Worcester County - Steve Moore *et al.*

5/31 5 Cummington - Steve Moore *et al.*

6/3 35 October Mountain SF, Washington - Gael Hurley

6/9 1 Breakneck Hill Conservation Land, Southborough - Lucy Merrill-Hills

6/20 10 Worthington - Mark Lynch, Sheila Carroll

7/8 4 N Berkshire NABA - Tom Tynning *et al.*

‘Appalachian’ Tiger Swallowtail
7/4 4 Mount Wachusett, Princeton - Matt Arey

7/15 2 MBWMA, Newbury - Matt Arey

Spicebush Swallowtail

5/5 1 Holliston - Richard Hildreth

5/13 1 HPM, Woburn - Matt Arey

5/21 1 Westwood - Lucy Merrill-Hills

5/23 6 Ware - Wendy Howes

5/26 5 Rough Meadows WS, Rowley - Matt Arey

6/2 10 Rough Meadows WS, Rowley - Matt Arey

6/7 1 Dunback Meadows, Lexington - Mark Rosenstein

6/11 2 Petersham - Mark Lynch, Sheila Carroll

6/17 7 BMB WS, Worcester - Michael Newton

6/20 2 Chester - Mark Lynch, Sheila Carroll

6/22 2 BMB WS, Worcester - Moore, Kessler

6/29 2 Rough Meadows WS, Rowley - Marjorie Watson

7/3 2 Crane WMA, Falmouth - Joe Dwelly

7/4 12 C Franklin NABA - Mark Fairbrother *et al.*

7/7 15 N Worcester NABA - Wendy Howes *et al.*

7/9 9 Truro NABA - Mark Faherty *et al.*

7/14 17 Falmouth NABA - Joe Dwelly *et al.*

7/15 1 Rowden Yard, Leicester - Mark Rowden

7/19 1 Pingree School, Hamilton - Jim Berry

7/21 11 Brewster NABA - Joe Dwelly *et al.*

7/25 1 Lake Wampanoag WS, Gardner - Wendy Howes

7/29 15 Freetown SF - Michael Newton

7/29 3 Sherborn - Michael Newton

8/5 3 West Whately - Bill Benner

8/10 4 McDonald Nature Preserve, Wilbraham - Bill Callahan

8/20 3 MMP, Williamstown - Mark Rosenstein
8/27 2 Worcester Airport - Mark Lynch, Sheila
Carroll
9/15 1 Parker yard, E. Longmeadow - Karen
Parker

Mustard White

5/9 2 Berkshire County - Tom Gagnon
5/29 4 Windsor - MBC Trip
7/7 6 Windsor - Mark Lynch, Sheila Carroll
7/14 10 C Berkshire NABA - Tom Tynning
et al.
7/20 5 Windsor - Bill Callahan
8/4 6 Windsor - Bill & Nancy Callahan
9/2 5 Windsor - Bill Callahan
9/15 1 Berkshire County - Moore, Volkle,
Gagnon

West Virginia White

4/28 1 Northampton CG - Tom Gagnon
5/5 4 Reservoir Rd, Sunderland - Bill &
Nancy Callahan
5/9 3 Cummington - Tom Gagnon
5/14 21 Huntington - Mark Lynch, Sheila
Carroll
5/15 1 Leyden Road, Greenfield - Mark
Fairbrother
5/29 9 North Adams, Mt. Greylock State Res.
- MBC Trip
6/1 1 West Whately - Bill Benner
6/2 1 North Adams, Mt. Greylock State Res. -
Mark Rosenstein
6/2 1 Windsor - Bill Callahan
6/3 1 North Adams, Mt. Greylock State Res.
- Nick Block

Cabbage White

4/1 1 Holliston - Richard Hildreth
4/2 7 Quabog IBA, the Brookfields - Mark
Lynch, Sheila Carroll
4/23 1 Meadow Road, Montague - Mark
Fairbrother
4/28 33 Holliston - Richard Hildreth
5/5 62 Holliston - Richard Hildreth
5/8 16 Arnold Arboretum, Boston - Lucy
Merrill-Hills
5/10 32 Holliston - Richard Hildreth
5/14 6 Florence - Bill Callahan
5/17 19 Holliston - Richard Hildreth
5/21 2 Falmouth, Breivogel Ponds - Serge
Matheny
5/26 7 Crane Beach, Ipswich - Jim Berry
5/30 12 Hardwick, Mandell Hill EQLT - Mark
Lynch, Sheila Carroll
6/2 5 Sherborn - Michael Newton
6/8 3 McDonald Nature Preserve, Wilbraham
- Bill Callahan
6/12 12 Holliston - Richard Hildreth

6/18 4 HPM, Woburn - Mark Rosenstein
6/21 6 E Longmeadow - Karen Parker
6/24 100 W Meadows, Northampton - Mark
Fairbrother
7/4 138 C Franklin NABA - Mark Fairbrother
et al.
7/6 66 S Berkshire NABA - Rene Wendell
et al.
7/7 81 N Worcester NABA - Wendy Howes
et al.
7/8 118 N Berkshire NABA - Tom Tynning
et al.
7/14 105 C Berkshire NABA - Tom Tynning
et al.
7/21 217 Northampton NABA - Mark
Fairbrother *et al.*
7/31 23 Shrewsbury PL - Bruce deGraaf
8/3 26 Northampton CG - Bill Callahan
8/5 40 Shrewsbury PL - Bruce deGraaf
8/9 1 Williamsburg Flower Hill Farm - Carol
Duke
8/12 4 Fall River - Doug Hlousek
8/15 8 Drumlin Farm, Lincoln - Mark
Rosenstein
8/16 100 Sylvan Nursery, Dartmouth - Michael
Newton
8/21 15 Belle Isle Marsh, Boston - Jim Berry
8/26 8 Dauphinis Park, Grafton - Dolores
Price, Martin St. Onge
8/31 10 Holliston - Richard Hildreth
9/3 5 AP, Dartmouth - Doug Hlousek
9/5 105 Gooseberry Neck, Westport - Mark
Rosenstein
9/19 45 Northampton CG - Bill Callahan
9/26 5 Appleton Farms, Ipswich - Howard
Hoople
10/1 35 AP Field Station, Dartmouth - Moore,
Kessler, Reid
10/6 24 AP Allens Neck, Dartmouth - Bill &
Nancy Callahan
10/10 7 Lancaster - Mark Lynch, Sheila Carroll
10/14 10 Middleton - Jim Berry
10/20 9 Sunderland - Mark Fairbrother
11/4 1 Ludlow - Moe O'Connor
11/7 1 Holliston - Richard Hildreth

Clouded Sulphur

4/2 2 Quabog IBA, the Brookfields - Mark
Lynch, Sheila Carroll
5/4 1 Rubchinuk Hill, Boxford - Matt Arey
5/5 1 Turners Falls Airport - Bill & Nancy
Callahan
5/14 5 Huntington - Mark Lynch, Sheila
Carroll
5/21 22 Ware River Watershed - Mark Lynch,
Sheila Carroll
5/29 1 Windsor - MBC Trip

- 6/8 3 Williamstown, Taconic Trail St Pk - Pam Weatherbee
- 6/16 1 Crane WMA, Falmouth - Joe Dwelly
- 6/29 1 Williams Land, Harvard - Steve Moore
- 7/4 74 C Franklin NABA - Mark Fairbrother *et al.*
- 7/6 47 S Berkshire NABA - Rene Wendell *et al.*
- 7/7 60 N Worcester NABA - Wendy Howes *et al.*
- 7/8 35 N Berkshire NABA - Tom Tynning *et al.*
- 7/14 87 C Berkshire NABA - Tom Tynning *et al.*
- 7/21 145 Northampton NABA - Mark Fairbrother *et al.*
- 7/29 5 Paxton - Karl & Elise Barry
- 8/5 15 Crane WMA, Falmouth - Joe Dwelly
- 8/10 2 Arnold Arboretum, Boston - Lucy Merrill-Hills
- 8/15 4 MBWMA, Newbury - Marjorie Watson
- 8/16 4 Shrewsbury PL - Bruce deGraaf
- 8/19 29 Elm Hill, MAS, Brookfield - MBC Trip
- 8/20 7 MMP, Williamstown - Mark Rosenstein
- 8/24 30 Ware River Watershed - Mark Lynch, Sheila Carroll
- 8/29 5 Shrewsbury PL - Bruce deGraaf
- 9/1 16 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
- 9/5 2 Sylvan Nursery, Dartmouth - Mark Rosenstein
- 9/11 17 Oak St. PL, Shrewsbury - Bruce deGraaf
- 9/14 30 Muddy Brook WMA, Hardwick - Wendy Howes
- 9/18 55 Lancaster - Mark Lynch, Sheila Carroll
- 10/1 500 AP Field Station, Dartmouth - Moore, Kessler, Reid
- 10/10 21 Windsor - Steve Moore, Tom Gagnon
- 10/19 2 Signal Hill, Canton - Merrill-Hills, Champagne
- 10/23 1 FS WMA, Longmeadow - Bill Callahan
- Orange Sulphur**
- 4/28 1 PRNWR Hq, NP - Marjorie Watson
- 5/5 1 Myles Standish State For. Carver - Matt Arey
- 5/5 1 Gill - Mark Fairbrother
- 5/17 1 Delaney WMA, Stow - Steve Moore
- 5/24 4 Boston Nature Center - Lucy Merrill-Hills
- 6/10 1 Bart's Cobble, Sheffield - Bill Callahan
- 6/27 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
- 7/4 14 C Franklin NABA - Mark Fairbrother *et al.*
- 7/8 19 Blackstone Valley NABA - Tom Dodd *et al.*
- 7/14 23 Falmouth NABA - Joe Dwelly *et al.*
- 7/19 2 Moore SP, Paxton - Elise Barry
- 7/21 15 Northampton NABA - Mark Fairbrother *et al.*
- 7/29 8 Sandisfield - Mark Lynch, Sheila Carroll
- 8/5 43 Crane WMA, Falmouth - Joe Dwelly
- 8/10 4 Grass Rides, Hamilton - Jim Berry
- 8/16 30 AP Allens Neck, Dartmouth - Michael Newton
- 8/23 16 Crane WMA, Falmouth - Serge Matheny
- 9/3 40 AP Field Station, Dartmouth - Michael Newton
- 9/15 25 Crane WMA, Falmouth - MBC Trip
- 9/22 16 Bennett Meadow, Northfield - Bill Callahan
- 9/29 25 Appleton Farms, Ipswich - MBC Trip
- 10/1 200 AP Field Station, Dartmouth - Moore, Kessler, Reid
- 10/5 10 Appleton Farms, Ipswich - Howard Hoople
- 10/7 1 Hatfield - Mark Fairbrother
- 10/7 7 Oak St. PL, Shrewsbury - Bruce deGraaf
- 10/10 3 Signal Hill, Canton - Merrill-Hills, Champagne
- 10/20 2 SBSR - Lucy Merrill-Hills
- 10/31 6 Allens Pond Wildlife Sanctuary, Dartmouth - Lauren Miller-Donnelly
- 11/4 1 Ludlow - Moe O'Connor
- Harvester**
- 5/9 1 Natick - Michael Newton
- 5/15 1 FS WMA, Longmeadow - Bill Callahan
- 6/9 12 Mystic Lakes, Medford - Michael Newton
- 7/1 1 October Mountain, Pittsfield - Gagnon, Cooper
- 7/4 1 Sherborn - Michael Newton
- 7/14 1 C Berkshire NABA - Tom Tynning *et al.*
- 7/20 3 Cass Meadows, Athol - Dave Small
- 8/24 2 Mystic Lakes, Medford - Renee LaFontaine
- 9/4 3 FS WMA, Longmeadow - Bill Callahan
- 9/11 1 FS WMA, Longmeadow - Bill Callahan
- American Copper**
- 5/1 1 Holliston - Richard Hildreth
- 5/4 3 Oak Bluffs - Matt Pelikan
- 5/8 4 Mt. Tom State Reservation, Holyoke - Bill Callahan
- 5/14 3 Florence - Bill Callahan
- 5/17 7 Mt. Tom State Reservation, Holyoke - Bill Callahan
- 5/23 23 Weir Hill Res, N Andover - Howard

Hoople
 5/23 16 McDonald Nature Preserve,
 Wilbraham - Bill Callahan
 5/25 8 Moore SP, Paxton - Karl & Elise Barry
 5/26 3 Franklin - Keith Shaw
 5/31 12 Barnes Airport, Westfield - Steve
 Moore *et al.*
 6/7 2 Westwood - Lucy Merrill-Hills
 6/9 4 Canoe Meadows, Pittsfield - Bill
 Callahan
 6/16 1 Beartown SF, Great Barrington - Mark
 Lynch, Sheila Carroll
 7/4 46 C Franklin NABA - Mark Fairbrother
et al.
 7/7 44 Concord NABA - Dick Walton
 7/7 21 MBWMA, Newbury - Marjorie Watson
 7/8 57 Blackstone Valley NABA - Tom Dodd
et al.
 7/9 104 Truro NABA - Mark Faherty *et al.*
 7/11 2 Princeton - Mark Rosenstein
 7/14 30 C Berkshire NABA - Tom Tynning
et al.
 7/18 12 MBWMA, Newbury - Marjorie
 Watson
 7/21 122 Brewster NABA - Joe Dwelly *et al.*
 7/26 8 MMP, Williamstown - Tor Hansen
 8/10 12 Arnold Arboretum, Boston - Lucy
 Merrill-Hills
 8/23 10 Holliston - Richard Hildreth
 8/24 30 Arnold Arboretum, Boston - Lucy
 Merrill-Hills
 8/28 9 Holliston - Richard Hildreth
 9/1 1 Tolland - Mark Lynch, Sheila Carroll
 9/8 25 MBWMA, Newbury - Matt Arey
 9/16 14 Oak St. PL, Shrewsbury - Bruce
 deGraaf
 9/27 12 MBWMA, Newbury - Mark
 Rosenstein
 10/4 31 Arnold Arboretum, Boston -
 Merrill-Hills, Champagne
 10/17 25 Arnold Arboretum, Boston - Lucy
 Merrill-Hills
 10/20 3 SBSR - Lucy Merrill-Hills
 10/25 7 Arnold Arboretum, Boston - Lucy
 Merrill-Hills
 10/29 3 Allens Pond Wildlife Sanctuary,
 Dartmouth - Lauren Miller-Donnelly

Bronze Copper

6/17 1 GMNWR, Concord - Greg Dysart
 6/21 1 FS WMA, Longmeadow - Bill Callahan
 9/2 1 Moran WMA, Windsor - Bill Callahan
 9/16 10 FS WMA, Longmeadow - Bill &
 Nancy Callahan
 9/20 2 GMNWR, Concord - Mark Rosenstein
 9/23 2 MBWMA, Newbury - Matt Arey
 9/26 9 FS WMA, Longmeadow - Bill Callahan

9/27 3 GMNWR, Concord - Greg Dysart
 9/29 7 Grafton - Dolores Price, Wendy
 10/5 1 Appleton Farms, Ipswich - Howard
 Hoople
 10/6 1 Wenham Canal - Jim Berry
 10/7 1 Powisset Farm, Dover - Erik Nielsen
 10/7 1 Hennessey Property, Grafton - Dolores
 Price
 10/16 7 FS WMA, Longmeadow - Bill
 Callahan
 10/23 2 FS WMA, Longmeadow - Bill
 Callahan

Bog Copper

7/4 242 C Franklin NABA - Mark Fairbrother
et al.
 7/5 3 Tully Dam, Royalston - Steve Moore
 7/7 1 Ponkopaug Bog, Canton - Lucy
 Merrill-Hills
 7/7 1 Provincetown - Joe Dwelly
 7/9 50 Truro NABA - Mark Faherty *et al.*
 7/14 1 Concord - Rosemary Mosco
 7/21 4 Brewster NABA - Joe Dwelly *et al.*

Coral Hairstreak

7/11 1 Hatches Harbor, Provincetown - Tor
 Hansen
 6/27 1 Ware - Ron & Sue Cloutier
 6/29 2 Springside Park, Pittsfield - Gael Hurley
 7/4 4 C Franklin NABA - Mark Fairbrother
et al.
 7/7 14 McDonald Nature Preserve, Wilbraham
 - Bill Callahan
 7/8 14 N Berkshire NABA - Tom Tynning *et al.*
 7/9 3 Truro NABA - Mark Faherty *et al.*
 7/11 1 McDonald Nature Preserve, Wilbraham
 - Bill Callahan
 7/14 48 C Berkshire NABA - Tom Tynning
et al.
 7/26 6 MMP, Williamstown - Tor Hansen
 7/27 3 Shrewsbury PL - Bruce deGraaf

Acadian Hairstreak

6/29 3 Pittsfield - Gael Hurley
 7/1 13 Berkshire County - Gagnon, Cooper
 7/4 1 Mount Wachusett, Princeton - Matt
 Arey
 7/7 1 Pittsfield - Steve Moore
 7/14 8 C Berkshire NABA - Tom Tynning *et al.*

Edwards' Hairstreak

6/25 1 S Quabbin - Ron & Sue Cloutier
 6/26 1 Ware - Bill Callahan
 6/27 13 HPM, Woburn - Mark Rosenstein
 6/30 3 Correllus State Forest, West Tisbury -
 Matt Pelikan
 7/7 16 McDonald Nature Preserve, Wilbraham
 - Bill Callahan
 7/8 2 Ware - Bill & Nancy Callahan

7/8 1 Harwich - Joe Dwelly
7/9 3 Truro NABA - Mark Faherty *et al.*
7/14 25 Correllus State Forest, Edgartown -
Matt Pelikan
7/14 2 Falmouth NABA - Joe Dwelly *et al.*

Banded Hairstreak

6/19 3 BMB WS, Worcester - Bruce deGraaf
6/19 1 Rowden Yard, Leicester - Mark Rowden
6/22 3 Montague - Bill Callahan
6/24 15 Sherborn - Michael Newton
6/26 1 GITW, Framingham - Greg Dysart
7/1 8 BMB WS, Worcester - Bruce deGraaf
7/4 7 C Franklin NABA - Mark Fairbrother
et al.
7/7 4 Rowden Yard, Leicester - Mark Rowden
7/10 1 Gill - Bill Callahan
7/13 1 Amherst - Josh Rose
7/14 2 Correllus State Forest, Edgartown -
Matt Pelikan
7/19 3 Rowden Yard, Leicester - Mark Rowden
7/29 1 Rowden Yard, Leicester - Mark Rowden

Striped Hairstreak

6/26 1 Ware - Bill Callahan
7/3 1 Fowl Meadows, Milton - Mark
Rosenstein
7/7 1 Rough Meadows WS, Rowley - Marjorie
Watson
7/7 1 Provincetown - Joe Dwelly
7/8 1 N Berkshire NABA - Tom Tynning *et al.*
7/9 1 Truro NABA - Mark Faherty *et al.*
7/9 1 FS WMA, Longmeadow - Bill Callahan
7/11 1 Princeton - Mark Rosenstein
7/14 1 Concord - Rosemary Mosco
7/21 1 Rowden Yard, Leicester - Mark Rowden
7/21 2 Brewster NABA - Joe Dwelly *et al.*
7/31 1 World's End, Hingham - Greg Dysart

Oak Hairstreak

6/16 1 BMB WS, Worcester - Bill & Nancy
Callahan
6/20 2 BMB WS, Worcester - Sue Cloutier
6/24 4 BMB WS, Worcester - Bruce deGraaf
7/8 1 Blackstone Valley NABA - Tom Dodd
et al.

Brown Elfin

4/21 2 Wellfleet Bay Ws, Wellfleet - Mark
Faherty
4/23 1 Correllus State Forest, West Tisbury -
Matt Pelikan
4/28 2 Montague Plains - Bill Callahan
5/1 2 MSSF, Plymouth - Steve Moore *et al.*
5/1 4 HPM, Woburn - Mark Rosenstein
5/3 16 HPM, Woburn - Howard Hoople
5/5 25 Myles Standish State For. Carver - Matt
Arey
5/5 1 Sunderland - Nancy Callahan

5/11 2 Crane WMA, Falmouth - Joe Dwelly
5/15 9 HPM, Woburn - Steve Moore
5/23 10 MSSF, Plymouth - Steve Moore
5/26 3 MSSF, Plymouth - Steve Moore
6/9 1 MSSF, Plymouth - Rosemary Mosco

Hoary Elfin

4/28 2 Correllus State Forest, West Tisbury -
Matt Pelikan
5/1 1 MSSF, Plymouth - Steve Moore *et al.*
5/3 1 Thompson Fields, Harwich - Joe Dwelly
5/5 1 Myles Standish State For. Carver -
Matt Arey
5/5 18 Correllus State Forest, West Tisbury -
Matt Pelikan
5/23 4 MSSF, Plymouth - Steve Moore
5/26 1 MSSF, Plymouth - Steve Moore

Frosted Elfin

5/9 34 Florence - Tom Gagnon
5/11 4 Concord, Estabrook Woods - Steve
Moore *et al.*
5/11 4 Crane WMA, Falmouth - Joe Dwelly
5/13 1 HPM, Woburn - Matt Arey
5/18 4 Andover, Lightning Tree Reservation -
Howard Hoople
5/23 3 Weir Hill Res, N Andover - Howard
Hoople
5/23 5 Lamson Rd, Foxborough - Steve Moore
5/23 5 MSSF, Plymouth - Steve Moore
5/24 22 Florence - Tom Gagnon
5/25 1 Lamson Rd, Foxborough - Nick Block
5/26 5 MSSF, Plymouth - Steve Moore
5/26 1 HPM, Woburn - Steve Moore *et al.*
6/8 2 Crane WMA, Falmouth - Joe Dwelly
6/14 1 Lamson Rd, Foxborough - Mark
Rosenstein

Henry's Elfin

4/26 1 Fowl Meadows, Milton - Mark
Rosenstein
4/28 1 MBWMA, Newbury - Matt Arey
5/2 2 Great Meadow, Arlington - Matt Pelikan
5/2 6 Fowl Meadows, Milton - Garry Kessler
5/5 1 Dover - Michael Newton
5/5 18 Natick - Michael Newton
5/5 2 Stonehill College, Easton - Nick Block
5/7 1 HPM, Woburn - Howard Hoople
5/8 1 NP - Bo Zaremba
5/8 2 MBWMA, Newbury - Marjorie Watson

Bog Elfin

5/26 5 Ashburnham - Bill & Nancy Callahan
5/30 1 Northern Worcester County - Steve
Moore *et al.*

Eastern Pine Elfin

4/21 1 Franklin - Keith Shaw
5/2 4 Franklin - Keith Shaw
5/3 1 McDonald Nature Preserve, Wilbraham

- Bill Callahan
5/5 1 Holliston - Richard Hildreth
5/11 1 Wilson Mtn Reservation, Dedham -
Lucy Merrill-Hills
5/11 5 Concord, Estabrook Woods - Steve
Moore *et al.*
5/18 10 Ware - Wendy Howes
5/23 1 N Andover - Howard Hoople
5/26 1 Ashburnham - Bill & Nancy Callahan
6/3 1 Holliston - Richard Hildreth
6/9 1 Yarmouth, Dennis PL - Joe Dwelly

Juniper Hairstreak

5/5 4 HPM, Woburn - Matt Arey
5/8 1 Mt. Tom State Reservation, Holyoke -
Bill Callahan
5/15 2 HPM, Woburn - Steve Moore
5/18 4 Holyoke - MBC Trip
5/26 1 MBWMA, Newbury - Matt Arey
7/9 1 Truro NABA - Mark Faherty *et al.*
7/21 2 Brewster NABA - Joe Dwelly *et al.*

White M Hairstreak

5/5 1 Holliston - Richard Hildreth
5/13 1 New Salem - Ron & Sue Cloutier
5/18 5 Ware - Wendy Howes
5/23 1 Ware - Wendy Howes
5/26 1 MBWMA, Newbury - Matt Arey
5/30 1 Northern Worcester County - Steve
Moore *et al.*
7/29 1 Freetown SF - Michael Newton
8/23 1 BMB WS, Worcester - Garry Kessler
9/2 1 Plum Island, Newbury - Matt Arey
9/15 1 Crane WMA, Falmouth - MBC Trip
9/23 2 Plum Island, Newbury - Matt Arey
9/23 7 MBWMA, Newbury - Matt Arey
9/27 2 MBWMA, Newbury - Mark Rosenstein

Gray Hairstreak

4/28 1 MBWMA, Newbury - Matt Arey
5/1 2 Westfield - Tom Gagnon
5/3 2 Sandwich, Ryder CA - Serge Matheny
5/11 3 Crane WMA, Falmouth - Joe Dwelly
5/18 3 Montague Plains - Bill Callahan
5/23 3 Weir Hill Res, N Andover - Howard
Hoople
6/2 7 Sherborn - Michael Newton
7/7 11 Concord NABA - Dick Walton
7/8 17 Blackstone Valley NABA - Tom Dodd
et al.
7/21 5 Brewster NABA - Joe Dwelly *et al.*
8/5 9 Crane WMA, Falmouth - Joe Dwelly
8/14 1 Amherst - Jeremy Day
8/17 1 Parker yard, E. Longmeadow - Karen
Parker
8/23 17 BMB WS, Worcester - Garry Kessler
8/26 5 Dauphinis Park, Grafton - Dolores
Price, Martin St. Onge
8/30 14 McDonald Nature Preserve,

Wilbraham - Bill Callahan
9/1 12 BMB WS, Worcester - Rosemary
Mosco
9/2 10 Franklin - Keith Shaw
9/8 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills
9/15 6 Crane WMA, Falmouth - MBC Trip
9/27 4 MBWMA, Newbury - Mark Rosenstein
9/29 2 Appleton Farms, Ipswich - MBC Trip
10/10 2 Signal Hill, Canton - Merrill-Hills,
Champagne
10/17 1 SBSR - Bo Zaremba

Red-banded Hairstreak

8/9 1 Appleton Farms, Ipswich - Matt Arey
8/16 4 Nasketucket Bay Reserve, Mattapoisett
- Michael Newton
8/16 3 AP Allens Neck, Dartmouth - Michael
Newton
8/17 1 Meetinghouse Farm, Barnstable - Serge
Matheny
8/23 2 Crane WMA, Falmouth - Serge
Matheny
8/26 1 Crane WMA, Falmouth - Joe Dwelly
9/1 2 AP Allens Neck, Dartmouth - Lauren
Miller-Donnelly
9/1 1 BMB WS, Worcester - Bill Callahan
9/1 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills
9/2 1 Franklin - Keith Shaw
9/2 1 Wareham - Andrew Griffith
9/3 2 AP Allens Neck, Dartmouth - Michael
Newton
9/5 1 Lexington - Matt Arey
9/15 1 Manomet, Plymouth - Steven
Whitebread
9/21 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills

Early Hairstreak

5/25 1 Rowe - Mark Fairbrother
5/29 3 North Adams, Mt. Greylock State Res.
- MBC Trip
6/3 1 North Adams, Mt. Greylock State Res.
- Nick Block

Eastern Tailed-Blue

5/2 1 Fall River - Doug Hlousek
5/7 3 FS WMA, Longmeadow - Bill Callahan
5/11 13 Crane WMA, Falmouth - Joe Dwelly
5/15 9 HPM, Woburn - Steve Moore
5/21 28 Ware River Watershed - Mark Lynch,
Sheila Carroll
5/24 35 Crane WMA, Falmouth - Joe Dwelly
6/3 4 Dauphinis Park, Grafton - Dolores
Price, Martin St. Onge
6/9 2 HPM, Woburn - Michael Newton
6/27 2 Arnold Arboretum, Boston - Lucy

Merrill-Hills
 6/30 1 Correllus State Forest, West Tisbury -
 Matt Pelikan
 7/7 18 Concord NABA - Dick Walton
 7/8 21 Blackstone Valley NABA - Tom Dodd
et al.
 7/21 14 Northampton NABA - Mark
 Fairbrother *et al.*
 7/29 2 Paxton - Karl & Elise Barry
 8/1 1 Arnold Arboretum, Boston - Lucy
 Merrill-Hills
 8/4 1 Bullit TTOR, Ashfield - Bill & Nancy
 Callahan
 8/9 4 Arnold Arboretum, Boston - Lucy
 Merrill-Hills
 8/17 23 HPM, Woburn - Mark Rosenstein
 8/23 6 Crane WMA, Falmouth - Serge
 Matheny
 8/27 15 BMB WS, Worcester - Mark
 Rosenstein
 9/4 1 Holliston - Richard Hildreth
 9/15 25 Crane WMA, Falmouth - MBC Trip
 9/16 73 Oak St. PL, Shrewsbury - Bruce
 deGraaf
 9/23 2 Newbury - Matt Arey
 9/29 40 Oak St. PL, Shrewsbury - Bruce
 deGraaf
 10/1 2 FS WMA, Longmeadow - Bill Callahan
 10/7 19 Oak St. PL, Shrewsbury - Bruce
 deGraaf
 10/12 1 Northfield Mountain - Bill Callahan
 10/19 1 Signal Hill, Canton - Merrill-Hills,
 Champagne

Spring Azure

4/21 1 Wellfleet Bay Ws, Wellfleet - Mark
 Faherty
 4/21 2 Sherborn PL - Michael Newton
 4/23 4 Vineyard Haven - Matt Pelikan
 4/23 1 New Salem - Ron & Sue Cloutier
 4/26 2 Laughing Brook WS, Hampden - Bill
 Callahan
 4/27 6 Fowl Meadows, Milton - Steve Moore
 4/29 3 Montague Plains - Bill Callahan
 5/1 8 Fowl Meadows, Milton - Steve Moore
et al.
 5/2 13 Fountain Park, Wilbraham - Bill
 Callahan
 5/5 17 Correllus State Forest, West Tisbury -
 Matt Pelikan
 5/5 15 Myles Standish State For. Carver - Matt
 Arey
 5/9 29 Fowl Meadows, Milton - Lucy
 Merrill-Hills
 5/9 21 Evans Field, Provincetown - Stanley
 Selkow
 5/11 23 Concord, Estabrook Woods - Steve

Moore *et al.*
 5/13 4 Holliston - Richard Hildreth
 5/18 12 Ware - Wendy Howes
 5/20 8 Ware River Watershed - Mark Lynch,
 Sheila Carroll
 5/21 13 Crane WMA, Falmouth - Serge
 Matheny
 5/23 5 Nasketucket Bay Reserve, Mattapoisett
 - Steve Moore
 5/28 1 Parker yard, E. Longmeadow - Karen
 Parker
 6/3 3 October Mountain SF, Washington -
 Gael Hurley
 6/10 1 Bart's Cobble, Sheffield - Bill Callahan
'Cherry Gall' Azure
 5/17 1 Delaney WMA, Stow - Steve Moore
 5/20 2 Oxford - Steve Moore

5/21 1 Westborough WMA - Steve Moore
 5/23 1 Nasketucket Bay Reserve, Mattapoisett
 - Joe Dwelly
 5/29 1 Moran WMA, Windsor - MBC Trip
 5/30 3 Northern Worcester County - Steve
 Moore *et al.*

'Summer' Azure

5/1 1 Fowl Meadows, Milton - Lucy
 Merrill-Hills
 5/26 2 MBWMA, Newbury - Matt Arey
 5/30 7 McDonald Nature Preserve, Wilbraham
 - Bill Callahan
 6/9 2 HPM, Woburn - Michael Newton
 6/16 1 Parker yard, E. Longmeadow - Karen
 Parker
 6/18 1 Parker yard, E. Longmeadow - Karen
 Parker
 6/26 3 MBWMA, Newbury - Mark Rosenstein
 6/29 2 West Whately - Bill Benner
 7/4 16 C Franklin NABA - Mark Fairbrother
et al.
 7/6 10 S Berkshire NABA - Rene Wendell
et al.
 7/7 16 N Worcester NABA - Wendy Howes
et al.
 7/8 20 N Berkshire NABA - Tom Tynning *et al.*
 7/8 10 Blackstone Valley NABA - Tom Dodd
et al.
 7/14 10 C Berkshire NABA - Tom Tynning
et al.
 7/20 15 Windsor - Bill Callahan
 7/28 1 Lime Kiln, Sheffield - MBC Trip
 7/29 4 G45 Quabbin - MBC Trip
 8/5 4 MBWMA, Newbury - Michael Newton
 8/10 19 McDonald Nature Preserve,
 Wilbraham - Bill Callahan
 8/16 6 Sylvan Nursery, Dartmouth - Michael
 Newton

8/19 1 West Whately - Bill Benner
9/1 3 BMB WS, Worcester - Rosemary Mosco
9/5 1 Sylvan Nursery, Dartmouth - Mark
Rosenstein
9/8 1 MBWMA, Newbury - Matt Arey
9/14 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills
10/2 1 Westport - Lauren Miller-Donnelly
10/9 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills

Silvery Blue

5/9 1 Breakneck Hill Conservation Land,
Southborough - Dawn Vesey
5/11 3 Rubchinuk Hill, Boxford - Matt Arey
5/20 1 W Meadows, Northampton - Mark
Fairbrother
5/21 22 Delaney WMA, Stow - Steve Moore
5/22 1 New Salem - Sue Cloutier
5/30 17 McDonald Nature Preserve,
Wilbraham - Bill Callahan
6/2 3 Windsor - Bill Callahan
6/3 4 Royalston - Josh Rose
6/8 1 Williamstown, Taconic Trail St Pk - Pam
Weatherbee
6/9 6 Breakneck Hill Conservation Land,
Southborough - Lucy Merrill-Hills

Variagated Fritillary

7/21 1 Northampton NABA - Mark Fairbrother
et al.

Great Spangled Fritillary

6/16 1 Adams Farm, W. Bridgewater - Don
Adams
6/16 2 BMB WS, Worcester - Michael Newton
6/20 3 Chester - Mark Lynch, Sheila Carroll
6/24 2 Adams Farm, W. Bridgewater - Don
Adams
6/29 3 Williams Land, Harvard - Steve Moore
7/2 1 Parker yard, E. Longmeadow - Karen
Parker
7/4 34 C Franklin NABA - Mark Fairbrother
et al.
7/6 19 S Berkshire NABA - Rene Wendell
et al.
7/7 20 N Worcester NABA - Wendy Howes
et al.
7/8 40 N Berkshire NABA - Tom Tynning *et al.*
7/8 37 Blackstone Valley NABA - Tom Dodd
et al.
7/11 13 G43 Quabbin - MBC Trip
7/14 22 C Berkshire NABA - Tom Tynning
et al.
7/20 4 Muir Meadow, Paxton - Elise Barry
7/21 11 Northampton NABA - Mark
Fairbrother *et al.*
7/25 3 Lake Wampanoag WS, Gardner -

Wendy Howes

7/29 4 Borden Colony, Raynham - Michael
Newton
8/5 3 MBWMA, Newbury - Michael Newton
8/10 1 West Whately - Bill Benner
8/16 2 New Salem - Ron & Sue Cloutier
8/20 5 MMP, Williamstown - Mark Rosenstein
9/1 1 Tolland - Mark Lynch, Sheila Carroll
9/15 8 Northampton CG - Moore, Volkle,
Gagnon
9/19 3 Northampton CG - Bill Callahan
10/4 1 Hardwick - Wendy Howes
10/5 1 Williamsburg Flower Hill Farm - Carol
Duke

Aphrodite Fritillary

6/29 2 Wendmuth Meadow, N. Brookfield -
Wendy Howes *et al.*
7/4 15 Mount Wachussets, Princeton - Matt
Arey
7/7 2 Windsor - Mark Lynch, Sheila Carroll
7/8 1 Royalston - Mark Lynch, Sheila Carroll
7/11 3 Princeton - Mark Rosenstein
7/15 1 MBWMA, Newbury - Matt Arey
7/21 2 Rowden Yard, Leicester - Mark Rowden
8/20 4 MMP, Williamstown - Mark Rosenstein
9/30 1 Williamsburg Flower Hill Farm - Carol
Duke

Atlantis Fritillary

6/29 5 October Mountain SF, Washington -
Gael Hurley
7/7 21 Windsor - Mark Lynch, Sheila Carroll
7/8 4 N Berkshire NABA - Tom Tynning *et al.*
7/14 7 C Berkshire NABA - Tom Tynning *et al.*
7/20 5 Windsor - Bill Callahan

Silver-bordered Fritillary

5/23 25 Sherborn - Michael Newton
5/30 1 FS WMA, Longmeadow - Steve Moore
et al.
6/2 2 Windsor - Bill Callahan
6/2 20 Sherborn - Michael Newton
6/6 1 Tully Dam, Royalston - Ron & Sue
Cloutier
6/15 1 October Mountain SF, Washington -
Gael Hurley
7/4 25 Sherborn - Michael Newton
7/7 15 Concord NABA - Dick Walton
7/10 4 Gill - Bill Callahan
7/21 12 Northampton NABA - Mark
Fairbrother *et al.*
8/4 5 Windsor, Savoy Road - Bill & Nancy
Callahan
8/19 1 Sherborn - Michael Newton
9/2 4 Windsor - Bill Callahan
9/15 1 Berkshire County - Moore, Volkle,
Gagnon

9/26 10 Appleton Farms, Ipswich - Howard Hoople
9/29 3 Appleton Farms, Ipswich - MBC Trip

Meadow Fritillary

7/4 7 C Franklin NABA - Mark Fairbrother *et al.*
7/6 4 S Berkshire NABA - Rene Wendell *et al.*
7/7 2 Windsor - Mark Lynch, Sheila Carroll
7/8 85 N Berkshire NABA - Tom Tynning *et al.*
8/19 5 MMP, Williamstown - Bill & Nancy Callahan
8/20 4 MMP, Williamstown - Mark Rosenstein

Harris' Checkerspot

6/12 1 BMB WS, Worcester - Mark Rosenstein
6/16 4 BMB WS, Worcester - Bill & Nancy Callahan
6/20 1 Shrewsbury High School - Bruce deGraaf
7/4 3 Mount Wachusetts, Princeton - Matt Arey

Pearl Crescent

5/9 1 Fall River - Doug Hlousek
5/14 1 Dauphinis Park, Grafton - Steve Moore
5/23 25 Sherborn - Michael Newton
5/25 57 Moore SP, Paxton - Karl & Elise Barry
6/2 45 MBWMA, Newbury - Matt Arey
6/9 70 MBWMA, Newbury - Michael Newton
6/10 10 Great Barrington - Bill Callahan
6/12 28 BMB WS, Worcester - Mark Rosenstein
6/17 17 Petersham, Rutland Brook Sanc. - Bill & Nancy Callahan
6/17 12 Swift River Res, Petersham - Bill & Nancy Callahan
6/20 6 Maudslay SP, NP - Bo Zarembo
6/22 4 WMWS, Princeton - Moore, Kessler
6/29 3 Wendmuth Meadow, N. Brookfield - Wendy Howes *et al.*
7/6 1 S Berkshire NABA - Rene Wendell *et al.*
7/8 5 Blackstone Valley NABA - Tom Dodd *et al.*
7/13 26 Wilbraham - Bill Callahan
7/18 4 Shrewsbury PL - Bruce deGraaf
7/18 4 Dennis-Greenough Ponds, Yarmouth - Joe Dwelly
7/19 44 Moore SP, Paxton - Elise Barry
7/19 21 MMP, Williamstown - Tor Hansen
7/21 729 Northampton NABA - Mark Fairbrother *et al.*
7/29 100 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
7/29 150 Sherborn - Michael Newton
7/31 427 Moore SP, Paxton - Elise Barry
8/5 180 Crane WMA, Falmouth - Joe Dwelly
8/10 4 Holliston - Richard Hildreth

8/15 11 Parker yard, E. Longmeadow - Karen Parker
8/16 30 AP Allens Neck, Dartmouth - Michael Newton
8/19 60 MMP, Williamstown - Bill & Nancy Callahan
8/22 3 FS WMA, Longmeadow - Bill Callahan
8/23 27 Crane WMA, Falmouth - Serge Matheny
8/26 10 Dauphinis Park, Grafton - Dolores Price, Martin St. Onge
8/30 21 McDonald Nature Preserve, Wilbraham - Bill Callahan
8/31 11 Wilbraham - Bill Callahan
9/3 30 AP Allens Neck, Dartmouth - Michael Newton
9/12 29 BMB WS, Worcester - Mark Rosenstein
9/16 9 Boston Nature Center - Lucy Merrill-Hills
9/29 40 Appleton Farms, Ipswich - MBC Trip
10/7 2 Hennessey Property, Grafton - Dolores Price
10/10 1 Signal Hill, Canton - Merrill-Hills, Champagne
10/23 2 FS WMA, Longmeadow - Bill Callahan

Baltimore Checkerspot

6/16 11 Adams Farm, W. Bridgewater - Don Adams
6/22 36 Marston Mills Airport - Joe Dwelly
6/25 1 Williams Land, Harvard - Mark Rosenstein
6/26 4 Woodsom Farm, Amesbury - Marjorie Watson
6/29 4 Wendmuth Meadow, N. Brookfield - Wendy Howes *et al.*
6/30 1 Holliston - Richard Hildreth
7/3 120 Marston Mills Airport - Joe Dwelly
7/5 11 Williams Land, Harvard - Steve Moore
7/6 1 Hank's Meadow, Quabbin - Steve Moore
7/7 2 N Worcester NABA - Wendy Howes *et al.*
7/8 8 Nelson Island, Rowley - Jim Berry
7/8 116 Blackstone Valley NABA - Tom Dodd *et al.*
7/8 24 N Berkshire NABA - Tom Tynning *et al.*
7/14 27 Falmouth NABA - Joe Dwelly *et al.*
7/21 50 Northampton NABA - Mark Fairbrother *et al.*
8/4 1 Bullit TOTOR, Ashfield - Bill & Nancy Callahan
9/12 1 Adams Farm, W. Bridgewater - Don Adams
Question Mark
5/8 1 Leyden Road, Greenfield - Mark

Fairbrother
 6/2 1 Rough Meadows WS, Rowley - Matt Arey
 6/19 1 Fowl Meadows, Milton - Lucy Merrill-Hills
 6/29 1 Otter River SF, Winchendon - Mark Lynch, Sheila Carroll
 7/1 1 Petersham - Mark Lynch, Sheila Carroll
 7/6 1 S Berkshire NABA - Rene Wendell *et al.*
 7/7 1 Ponkopaug Bog, Canton - Lucy Merrill-Hills
 7/7 2 N Worcester NABA - Wendy Howes *et al.*
 7/8 1 Blackstone Valley NABA - Tom Dodd *et al.*
 7/20 1 Stony Brook Res, Norfolk - Paul Peterson
 7/28 1 Great Barrington - MBC Trip
 7/29 1 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
 8/3 1 Northampton CG - Bill Callahan
 9/1 1 Northampton CG - MBC Trip

Eastern Comma

2/21 1 Laughing Brook WS, Hampden - Bill Callahan
 3/26 1 FS WMA, Longmeadow - Bill Callahan
 4/14 10 Mt. Tom State Reservation, Holyoke - MBC Trip
 4/22 1 Pittsfield - Gael Hurley
 4/28 1 Chester - Mark Lynch, Sheila Carroll
 5/8 1 Belmont - Pascale Gras
 5/23 1 Ware - Wendy Howes
 6/16 1 GITW, Framingham - Greg Dysart
 6/21 2 Parker yard, E. Longmeadow - Karen Parker
 6/24 1 Sherborn - Michael Newton
 6/26 4 MBWMA, Newbury - Mark Rosenstein
 6/30 17 Quabog IBA, the Brookfields - Mark Lynch, Sheila Carroll
 7/8 9 N Berkshire NABA - Tom Tynning *et al.*
 7/15 4 Parker yard, E. Longmeadow - Karen Parker
 7/21 8 Northampton NABA - Mark Fairbrother *et al.*
 7/28 8 Great Barrington - MBC Trip
 8/4 3 E Longmeadow - Karen Parker
 8/14 11 FS WMA, Longmeadow - Bill Callahan
 8/16 1 Holliston - Richard Hildreth
 8/20 15 FS WMA, Longmeadow - Bill Callahan
 8/23 8 FS WMA, Longmeadow - Mark Rosenstein
 8/26 4 DCR Kristoff Farm, Sterling - MBC Trip
 9/1 1 BMB WS, Worcester - Bill Callahan

9/15 3 Berkshire County - Moore, Volkle, Gagnon
 9/27 1 GMNWR, Concord - Greg Dysart
 9/29 1 Deerfield - Josh Rose
 10/12 1 Parker yard, E. Longmeadow - Karen Parker
 10/16 1 FS WMA, Longmeadow - Bill Callahan
 11/4 1 Belchertown - Larry Therrien
 11/7 1 Meadow Road, Montague - Mark Fairbrother
 12/20 1 Natick - Michael Newton

Gray Comma

5/2 1 Berkshire County - Tom Gagnon
 6/19 1 MBWMA, Newbury - Marjorie Watson
 7/1 3 MBWMA, Newbury - Michael Newton
 7/6 2 S Berkshire NABA - Rene Wendell *et al.*
 7/7 1 Moran WMA, Windsor - Steve Moore
 7/8 3 N Berkshire NABA - Tom Tynning *et al.*
 7/29 2 Lime Kiln, Sheffield - Peter DeGennaro
 8/19 1 West Whately - Bill Benner
 9/2 1 Windsor - Bill Callahan
 9/23 1 MBWMA, Newbury - Matt Arey

Compton Tortoiseshell

4/24 1 Fowl Meadows, Milton - Steve Moore
 4/26 1 Fowl Meadows, Milton - Rosemary Mosco
 5/14 1 October Mountain SF, Washington - Gael Hurley

Mourning Cloak

2/21 1 Newbury - Matt Arey
 3/1 5 Signal Hill, Canton - Lucy Merrill-Hills
 3/1 1 Muddy Brook WMA, Hardwick - Wendy Howes
 4/14 11 Mt. Tom State Reservation, Holyoke - MBC Trip
 4/21 1 Manchester - Jim Berry
 4/22 6 Signal Hill, Canton - Madeline Champagne
 4/24 5 Fowl Meadows, Milton - Steve Moore
 4/24 1 Meadow Road, Montague - Mark Fairbrother
 4/28 9 Signal Hill, Canton - Brian Sullivan
 5/1 3 Ward Res, Andover - Howard Hoople
 5/2 2 Athol - Dave Small
 5/8 3 Ware River Watershed - Mark Lynch, Sheila Carroll
 5/14 1 Williamsburg Flower Hill Farm - Carol Duke
 5/29 3 Moran WMA, Windsor - MBC Trip
 6/8 1 Fowl Meadows, Milton - Paul Peterson
 6/16 1 Parker yard, E. Longmeadow - Karen Parker

(continued on p. 27)



American Lady (*Vanessa virginiensis*),
8/26/18, Danvers, MA, Lucy
Merrill-Hills



Hoary Edge (*Achalarus lyciades*),
6/20/18, Broad Meadow Brook,
Worcester, MA, Sue Cloutier



Orange Sulphur (white form female),
(*Colias eurytheme*), 10/9/18, Bruce
deGraaf



Dion Skipper (*Euphyes dion*), 7/6/18,
New Salem, MA, Sue Cloutier



Monarch chrysalis (*Danaus plexippus*),
9/19/18, Florence, MA, Joyce Lak



Long-tailed Skipper (*Urbanus
proteus*), 9/1/18, Sylvan Nurseries,
Lauren Miller-Donnelly



Delaware Skipper (*Anatrytone logan*),
7/6/18, New Marlborough, MA,
Bill Benner



Western Sulphur (*Colias
occidentalis*), 6/15/18,
Ashland, OR, Frank Model



Northern Pearly-Eye (*Enodia anthe-
don*), 7/12/18, Sherborne, MA,
Michael Newton

Gray Hairstreak (*Vanessa virginiensis*),
5/18/18, Karner Blue Easement,
Concord, NH, Nick Dorian



Common
Sootywing
(*Pholisora
catullus*),
7/7/18, Shrews-
bury, MA,
Bruce deGraaf



Oak Hairstreak (*Satyrium favonius*), 6/17/18,
Worcester, MA,
Michael Newton

Red-banded Hairstreak (*Calycopis cecrops*), 8/26/18, Falmouth, MA,
Joe Dwelly



White M Hairstreak
(*Parrhasius m-album*),
9/15/18, Falmouth,
MA, Joe Dwelly



Bronze Copper
(*Lycaena hyllus*),
10/9/18, Lincoln,
MA, Linda Graetz



American Copper
(*Lycaena phlaeas*),
7/8/18,
Shrewsbury, MA,
Bruce deGraaf

Henry's Elfin
(*Callophrys henrici*),
5/5/18, Natick, MA,
Michael Newton



Crab Spider reels in butterfly, by Bo Zaremba

I was sitting on a large rock on the edge of a trailhead parking area, watching and photographing a Pink-edged Sulphur. It would land, nectar briefly and fly off, constantly returning to the flowering plant. We had settled into a steady rhythm, nectaring and photographing, when suddenly the butterfly was flying very erratically, flapping furiously but making no progress. At first I thought it had flown into a spider web, but a closer look dispelled that idea. Then I noticed a silk thread from the butterfly to the plant. A crab spider had clamped onto the Sulphur. The Sulphur had flown off with the spider on it, but the spider had tethered itself to the plant by exuding the silk thread. As the venom took effect, the spider slowly reeled itself and its prey back to the plant.



Pink-edged Sulphur (*Colias interior*), and Goldenrod Crab Spider (*Misumena vatia*), 7/16/18, Winter Harbor, ME, Bo Zaremba



Giant Swallowtail (*Papilio cresphontes*), 8/16/18, Florence, MA, Joyce Lak

Monarch (*Danaus plexippus*), 7/17/18, Dedham, MA, Lucy Merrill-Hills



Mourning Cloak (continued)

- 6/22 1 Prospect Park, Shrewsbury - Bruce deGraaf
7/4 1 Hardwick - Mark Lynch, Sheila Carroll
7/8 4 Blackstone Valley NABA - Tom Dodd *et al.*
7/14 3 C Berkshire NABA - Tom Tynning *et al.*
7/18 1 MBWMA, Newbury - Marjorie Watson
9/2 2 Moran WMA, Windsor - Bill Callahan
10/10 1 S Main Street, New Salem - Sue Cloutier
10/16 1 Fall River - Doug Hlousek

Milbert's Tortoiseshell

- 3/26 1 Williamstown - Pam Weatherbee
7/4 1 C Franklin NABA - Mark Fairbrother *et al.*
9/15 9 North Adams, Mt. Greylock State Res. - Moore, Volkle, Gagnon
10/10 2 North Adams, Mt. Greylock State Res. - Steve Moore, Tom Gagnon

American Lady

- 3/31 1 Menemsha Hills, Chilmark - Matt Pelikan
4/22 1 Correllus State Forest, West Tisbury - Matt Pelikan
4/23 1 Franklin - Keith Shaw
4/28 1 Rowden Yard, Leicester - Mark Rowden
5/5 1 Montague Plains - Bill & Nancy Callahan
5/11 3 Crane WMA, Falmouth - Joe Dwelly
5/14 1 Holliston - Richard Hildreth
5/21 5 Holliston - Richard Hildreth
5/30 2 HPM, Woburn - Mark Rosenstein
6/10 1 Holliston - Richard Hildreth
6/26 2 MBWMA, Newbury - Mark Rosenstein
7/4 1 Framingham - Keith Garrant
7/8 2 Blackstone Valley NABA - Tom Dodd *et al.*
7/14 1 Wareham - Andrew Griffith
7/22 1 Lexington - Lisa Wolfe
7/29 1 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
8/5 3 Crane WMA, Falmouth - Joe Dwelly
8/10 1 Holliston - Richard Hildreth
8/17 1 Rowden Yard, Leicester - Mark Rowden
8/19 2 Williamsburg Flower Hill Farm - Carol Duke
9/2 1 Longmeadow - Steve Shelasky
9/16 1 Franklin - Keith Shaw
9/30 1 Grafton - Dolores Price
10/9 1 FS WMA, Longmeadow - Bill Callahan
10/17 2 SBSR - Bo Zaremba
10/17 1 Nahant Thicket - Linda Pivacek

Painted Lady

- 4/28 1 Roslindale, Boston - Lucy Merrill-Hills

- 5/4 1 Rubchinuk Hill, Boxford - Matt Arey
5/21 1 Crane WMA, Falmouth - Serge Matheny
6/2 1 MBWMA, Newbury - Matt Arey
6/27 1 HPM, Woburn - Mark Rosenstein
7/8 1 Blackstone Valley NABA - Tom Dodd *et al.*

- 8/15 1 Boston Nature Center - Lucy Merrill-Hills
10/6 1 Gooseberry Neck, Westport - Bill & Nancy Callahan
10/9 2 Sylvan Nursery, Dartmouth - Lauren Miller-Donnelly

Red Admiral

- 4/2 1 Quabog IBA, the Brookfields - Mark Lynch, Sheila Carroll
4/14 1 Wellfleet Bay Ws, Wellfleet - Marshall Iliff
4/22 1 Parker yard, E. Longmeadow - Karen Parker
4/26 1 Fowl Meadows, Milton - Lucy Merrill-Hills
5/3 1 Bayberry Hills PL-Bike Path, Yarmouth - Joe Dwelly
5/13 1 MBWMA, Newbury - Matt Arey
5/23 1 N Andover - Howard Hoople
5/31 1 FS WMA, Longmeadow - Bill Callahan
6/8 1 Fowl Meadows, Milton - Paul Peterson
6/13 1 E Bridgewater - Mary Wright Julius
6/17 2 BMB WS, Worcester - Michael Newton
6/21 2 FS WMA, Longmeadow - Bill Callahan
6/26 16 Warwick - Mark Lynch, Sheila Carroll
7/4 4 C Franklin NABA - Mark Fairbrother *et al.*
7/5 1 October Mountain, Pittsfield - Mark Rosenstein
7/6 3 S Berkshire NABA - Rene Wendell *et al.*
7/7 3 Concord NABA - Dick Walton
7/8 2 Blackstone Valley NABA - Tom Dodd *et al.*
7/8 4 N Berkshire NABA - Tom Tynning *et al.*
7/14 1 Bart's Cobble, Sheffield - Mark Rosenstein
7/21 5 Northampton NABA - Mark Fairbrother *et al.*
7/28 2 Great Barrington - MBC Trip
8/7 1 Holliston - Richard Hildreth
8/14 1 FS WMA, Longmeadow - Bill Callahan
8/20 1 Easthampton - Bruce King
9/1 1 Northampton CG - MBC Trip
9/5 1 Sylvan Nursery, Dartmouth - Mark Rosenstein
9/15 1 North Adams, Mt. Greylock State Res. - Moore, Volkle, Gagnon
9/22 1 Shrewsbury High School - Bruce deGraaf

9/29 1 Deerfield - Josh Rose
10/5 1 Northampton CG - Bill Callahan
10/14 1 Nahant Thicket - Linda Pivacek
10/31 1 Allens Pond Wildlife Sanctuary,
Dartmouth - Lauren Miller-
11/18 1 Horseneck Beach, Westport - Lauren
Miller-Donnelly

Common Buckeye

6/2 2 Sherborn - Michael Newton
7/4 1 C Franklin NABA - Mark Fairbrother
et al.
7/4 1 Mount Wachusett, Princeton - Matt
Arey
7/31 4 Shrewsbury PL - Bruce deGraaf
9/27 2 Shrewsbury PL - Bruce deGraaf
10/6 1 Gooseberry Neck, Westport - Bill &
Nancy Callahan

White Admiral

6/3 1 Ludlow, Stony Brook - Bill Callahan
6/17 2 NCM, Petersham - Bill & Nancy
Callahan
7/8 16 N Berkshire NABA - Tom Tynning *et al.*
7/14 2 C Berkshire NABA - Tom Tynning *et al.*
8/4 5 Windsor - Bill & Nancy Callahan
9/2 1 Moran WMA, Windsor - Bill Callahan
9/15 1 North Adams, Mt. Greylock State Res. -
Moore, Volkle, Gagnon

Red-spotted Purple

5/21 1 Holliston - Richard Hildreth
5/30 4 FS WMA, Longmeadow - Steve Moore
et al.
6/1 1 Rowden Yard, Leicester - Mark Rowden
6/2 12 MBWMA, Newbury - Matt Arey
6/2 28 Quabog IBA, the Brookfields - Mark
Lynch, Sheila Carroll
6/6 14 Warren - Mark Lynch, Sheila Carroll
6/9 31 Wendell - Mark Lynch, Sheila Carroll
6/11 29 Petersham - Mark Lynch, Sheila
Carroll
6/16 26 Beartown SF, Great Barrington - Mark
Lynch, Sheila Carroll
6/20 5 Chester - Mark Lynch, Sheila Carroll
7/4 14 C Franklin NABA - Mark Fairbrother
et al.
7/7 13 Windsor - Mark Lynch, Sheila Carroll
7/8 10 N Berkshire NABA - Tom Tynning *et al.*
7/14 5 C Berkshire NABA - Tom Tynning *et al.*
7/15 3 Leicester - MBC Trip
7/21 5 Northampton NABA - Mark Fairbrother
et al.
7/28 4 Great Barrington - MBC Trip
8/3 1 Parker yard, E. Longmeadow - Karen
Parker
8/7 2 Adams Farm, W. Bridgewater - Don
Adams

8/12 1 Bennett Meadow, Northfield - Bill
Callahan
8/15 1 Rowden Yard, Leicester - Mark Rowden
8/20 2 Easthampton - Bruce King
9/1 5 Tolland - Mark Lynch, Sheila Carroll
9/12 2 Arnold Arboretum, Boston - Lucy
Merrill-Hills
9/15 1 North Adams, Mt. Greylock State Res. -
Bill & Nancy Callahan

Viceroy

5/26 1 HPM, Woburn - Steve Moore *et al.*
5/30 3 McDonald Nature Preserve, Wilbraham
- Bill Callahan
6/1 1 Pittsfield - Gael Hurley
6/9 20 MBWMA, Newbury - Michael Newton
6/16 12 BMB WS, Worcester - Michael
Newton
6/18 1 Mt A, Cambridge - Fred Bouchard
6/21 1 Montague North Street WMA - Mark
Fairbrother
6/26 4 MBWMA, Newbury - Marjorie Watson
7/1 3 Petersham - Mark Lynch, Sheila Carroll
7/6 1 S Berkshire NABA - Rene Wendell *et al.*
7/18 8 MBWMA, Newbury - Marjorie Watson
7/21 29 Northampton NABA - Mark
Fairbrother *et al.*
7/29 15 Nasketucket Bay Reserve,
Mattapoisett - Michael Newton
8/5 20 MBWMA, Newbury - Michael Newton
8/15 1 Barre - Lucy Allen
8/27 4 FS WMA, Longmeadow - Bill Callahan
9/8 12 MBWMA, Newbury - Matt Arey
9/17 3 Sterling Peat - Mark Fairbrother
9/22 2 Bennett Meadow, Northfield - Bill
Callahan
9/27 6 MBWMA, Newbury - Mark Rosenstein
10/1 1 Belmont - Fred Bouchard
10/7 2 Nasketucket Bay Reserve, Mattapoisett
- Lauren Miller-Donnelly
10/9 2 FS WMA, Longmeadow - Bill Callahan

Hackberry Emperor

6/20 1 Northampton CG - Tom Gagnon
7/6 1 S Berkshire NABA - Rene Wendell *et al.*
8/12 3 Northampton CG - Bill Callahan
8/17 1 Forest Park, Springfield - Bill & Nanc
Callahan
8/21 2 Northampton CG - Bill Callahan
9/19 1 Northampton CG - Bill Callahan

Tawny Emperor

7/21 2 Northampton NABA - Mark Fairbrother
et al.
7/28 2 Bart's Cobble, Sheffield - MBC Trip
7/29 1 Bart's Cobble, Sheffield - Peter D
Gennaro
8/21 1 Northampton CG - Nancy Callahan

9/1 1 Northampton CG - MBC Trip

Northern Pearly-Eye

6/24 1 Attleboro - Bill & Nancy Callahan
6/29 1 West Whately - Bill Benner
7/1 6 Petersham - Mark Lynch, Sheila Carroll
7/6 3 S Berkshire NABA - Rene Wendell *et al.*
7/8 4 N Berkshire NABA - Tom Tynning *et al.*
7/14 14 C Berkshire NABA - Tom Tynning
et al.
7/20 3 Windsor - Bill Callahan
7/24 1 Holliston - Richard Hildreth
7/26 4 MMP, Williamstown - Tor Hansen
8/4 8 Windsor - Bill & Nancy Callahan
8/9 1 Williamsburg Flower Hill Farm - Carol
Duke

Eyed Brown

7/4 2 Hardwick - Mark Lynch, Sheila Carroll
7/4 3 Mount Wachusets, Princeton - Matt
Arey
7/4 6 C Franklin NABA - Mark Fairbrother
et al.
7/7 3 Moran WMA, Windsor - Steve Moore
7/8 21 N Berkshire NABA - Tom Tynning *et al.*
7/14 1 Sandisfield - Mark Lynch, Sheila
Carroll
7/19 1 Pingree School, Hamilton - Jim Berry
7/21 1 Elm Hill, MAS, Brookfield - Wendy
Howes
7/21 3 Ware River Watershed - Mark Lynch,
Sheila Carroll
8/19 1 Holliston - Richard Hildreth

Appalachian Brown

6/11 1 FS WMA, Longmeadow - Bill Callahan
6/18 4 FS WMA, Longmeadow - Bill Callahan
6/19 3 Fowl Meadows, Milton - Lucy
Merrill-Hills
6/24 6 Sherborn - Michael Newton
6/27 1 Ware - Ron & Sue Cloutier
7/3 1 Fowl Meadows, Milton - Mark
Rosenstein
7/6 6 S Berkshire NABA - Rene Wendell *et al.*
7/7 7 Concord NABA - Dick Walton
7/9 13 Truro NABA - Mark Faherty *et al.*
7/14 16 C Berkshire NABA - Tom Tynning
et al.
7/21 13 Northampton NABA - Mark
Fairbrother *et al.*
7/29 5 Sandisfield - Mark Lynch, Sheila
Carroll
8/16 3 FS WMA, Longmeadow - Bill Callahan
9/5 1 Ware River Watershed - Mark Lynch,
Sheila Carroll
9/9 2 FS WMA, Longmeadow - Bill Callahan

Little Wood-Satyr

5/23 1 Fowl Meadows, Milton - Lucy

Merrill-Hills

5/30 5 HPM, Woburn - Mark Rosenstein
5/30 1 Meadow Road, Montague - Mark
Fairbrother
6/2 10 Sherborn - Michael Newton
6/9 38 Breakneck Hill Conservation Land,
Southborough - Lucy Merrill-Hills
6/9 5 MBWMA, Newbury - Michael Newton
6/10 5 Gate 8, Belchertown - Mark Lynch,
Sheila Carroll
6/12 13 BMB WS, Worcester - Mark
Rosenstein
6/16 11 Crane WMA, Falmouth - Joe Dwelly
6/19 12 Nasketucket Bay Reserve,
Mattapoisett - Joe Dwelly
6/23 11 N Essex NABA - Howard Hoople
et al.
6/29 4 Rough Meadows WS, Rowley -
Marjorie Watson
7/3 18 Fowl Meadows, Milton - Mark
Rosenstein
7/6 20 S Berkshire NABA - Rene Wendell
et al.
7/7 19 Concord NABA - Dick Walton
7/8 28 Blackstone Valley NABA - Tom Dodd
et al.
7/9 26 Truro NABA - Mark Faherty *et al.*
7/13 6 West Whately - Bill Benner
7/14 20 Sandisfield - Mark Lynch, Sheila
Carroll
7/15 10 Rough Meadows WS, Rowley - Matt
Arey
7/16 1 Longmeadow - Bill Callahan
7/21 1 Brewster NABA - Joe Dwelly *et al.*
7/28 1 Lime Kiln, Sheffield - MBC Trip
7/29 4 Nasketucket Bay Reserve, Mattapoisett
- Michael Newton
7/31 2 Moore SP, Paxton - Elise Barry
8/5 1 Hardwick - Wendy Howes, Alan Rawle
8/9 1 Williamsburg Flower Hill Farm - Carol
Duke

Common Ringlet

5/20 3 Mt. Tom State Reservation, Holyoke -
Bill Callahan
5/23 1 Franklin - Keith Shaw
5/26 20 Orlando's Ponds, Charlton - Mark
Lynch, Sheila Carroll
5/30 24 McDonald Nature Preserve,
Wilbraham - Bill Callahan
6/2 26 Quabog IBA, the Brookfields - Mark
Lynch, Sheila Carroll
6/9 69 Breakneck Hill Conservation Land,
Southborough - Lucy Merrill-
6/16 12 Crane WMA, Falmouth - Joe Dwelly
6/20 32 Maudslay SP, NP - Bo Zaremba
6/25 9 Williams Land, Harvard - Mark

Rosenstein
 6/29 18 October Mountain SF, Washington - Gael Hurley
 7/4 2 Sherborn - Michael Newton
 7/8 68 N Berkshire NABA - Tom Tynning *et al.*
 7/29 26 Paxton - Karl & Elise Barry
 7/31 48 Boston Nature Center - Lucy Merrill-Hills
 8/2 1 Parker yard, E. Longmeadow - Karen Parker
 8/5 40 Crane WMA, Falmouth - Joe Dwelly
 8/10 11 McDonald Nature Preserve, Wilbraham - Bill Callahan
 8/15 12 Drumlin Farm, Lincoln - Mark Rosenstein
 8/20 13 MMP, Williamstown - Mark Rosenstein
 8/23 1 Crane WMA, Falmouth - Serge Matheny
 8/25 34 Lake Wampanoag WS, Gardner - Bill & Nancy Callahan
 9/2 6 Moran WMA, Windsor - Bill Callahan
 9/19 1 Meadow Road, Montague - Mark Fairbrother
 10/7 1 Hennessey Property, Grafton - Dolores Price
 10/19 1 Signal Hill, Canton - Merrill-Hills, Champagne

Common Wood-Nymph

7/4 5 Sherborn - Michael Newton
 7/6 26 S Berkshire NABA - Rene Wendell *et al.*
 7/7 8 Concord NABA - Dick Walton
 7/8 64 N Berkshire NABA - Tom Tynning *et al.*
 7/8 26 Blackstone Valley NABA - Tom Dodd *et al.*
 7/14 64 C Berkshire NABA - Tom Tynning *et al.*
 7/15 4 Leicester - MBC Trip
 7/18 4 Dennis-Greenough Ponds, Yarmouth - Joe Dwelly
 7/21 72 Northampton NABA - Mark Fairbrother *et al.*
 7/24 28 McDonald Nature Preserve, Wilbraham - Bill Callahan
 7/27 2 MBWMA, Newbury - Marjorie Watson
 7/28 18 Lime Kiln, Sheffield - MBC Trip
 7/29 80 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
 7/31 15 Moore SP, Paxton - Elise Barry
 8/5 14 Crane WMA, Falmouth - Joe Dwelly
 8/10 20 McDonald Nature Preserve, Wilbraham - Bill Callahan
 8/15 1 Barre - Lucy Allen
 8/19 12 MMP, Williamstown - Bill & Nancy Callahan

8/23 3 Crane WMA, Falmouth - Serge Matheny
 8/26 1 GBH, Canton - Stephen Baird
 9/4 1 World's End, Hingham - Paul Peterson
 9/23 1 Newbury - Matt Arey

Monarch

5/13 1 HPM, Woburn - Matt Arey
 5/21 1 Adams Farm, W. Bridgewater - Don Adams
 5/29 1 North Adams, Mt. Greylock State Res. - MBC Trip
 6/16 8 Crane WMA, Falmouth - Joe Dwelly
 6/20 2 Hadley - Josh Rose
 6/25 1 Arlington Heights - Lisa Wolfe
 6/29 1 Marblehead - Karen Haley
 7/3 6 Crane WMA, Falmouth - Joe Dwelly
 7/4 22 C Franklin NABA - Mark Fairbrother *et al.*
 7/6 15 S Berkshire NABA - Rene Wendell *et al.*
 7/7 32 N Worcester NABA - Wendy Howes *et al.*
 7/8 26 N Berkshire NABA - Tom Tynning *et al.*
 7/8 23 Blackstone Valley NABA - Tom Dodd *et al.*
 7/9 11 Truro NABA - Mark Faherty *et al.*
 7/14 60 C Berkshire NABA - Tom Tynning *et al.*
 7/15 33 LPWS, Barnstable - Joe Dwelly
 7/17 4 Willowdale SF, Ipswich - Jim Berry
 7/19 10 GMNWR, Concord - Paul Peterson
 7/20 10 Ipswich, Pony Express Farm - Jim Berry
 7/21 50 Brewster NABA - Joe Dwelly *et al.*
 7/21 125 Northampton NABA - Mark Fairbrother *et al.*
 7/25 20 Lake Wampanoag WS, Gardner - Wendy Howes
 7/28 23 Bart's Cobble, Sheffield - MBC Trip
 7/28 10 Lime Kiln, Sheffield - MBC Trip
 7/31 3 Lakeville - Doug Hlousek
 8/2 8 Arnold Arboretum, Boston - Lucy Merrill-Hills
 8/5 32 Crane WMA, Falmouth - Joe Dwelly
 8/7 18 Athol - Earle Baldwin
 8/12 2 FS WMA, Longmeadow - Jeff Boettner
 8/15 4 Meadow Road, Montague - Mark Fairbrother
 8/16 40 AP Allens Neck, Dartmouth - Michael Newton
 8/17 100 S Dartmouth - Brian Cassie
 8/18 9 AP, Dartmouth - Doug Hlousek
 8/23 8 Crane WMA, Falmouth - Serge Matheny
 8/25 3 Signal Hill, Canton - Lucy Merrill-Hills
 8/29 8 Florence Community Gardens - Bill

Callahan
 9/1 87 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
 9/3 80 AP Allens Neck, Dartmouth - Michael Newton
 9/14 75 Northampton CG - Ron & Sue Cloutier
 9/19 10 Northampton CG - Bill Callahan
 9/23 4 Grafton - Dolores Price & Marvin
 9/26 10 Williamsburg Flower Hill Farm - Carol Duke
 9/29 31 Groton - Tom Murray
 9/29 75 AP, Dartmouth - Lauren Miller-Donnelly
 9/29 100 Northampton CG - Bill & Nancy Callahan
 9/30 6 Stow - Fran Ludwig
 10/1 100 AP Field Station, Dartmouth - Moore, Kessler, Reid
 10/3 40 Gooseberry Neck, Westport - Lauren Miller-Donnelly
 10/6 62 Gooseberry Neck, Westport - Bill & Nancy Callahan
 10/10 10 Foxborough - Madeline Champagne
 10/16 4 WMWMA, New Braintree - Wendy Howes
 10/17 105 SBSR - Bo Zaremba
 10/21 2 Worcester - Raquel Velez
 11/7 1 Amherst - Josh Rose
 11/8 1 Nahant - Linda Pivacek

Silver-spotted Skipper

5/17 1 Mt. Tom State Reservation, Holyoke - Bill Callahan
 5/25 1 Amethyst Brook CA, Amherst - Josh Rose
 6/3 1 Williamsburg Flower Hill Farm - Carol Duke
 6/16 11 BMB WS, Worcester - Michael Newton
 6/20 2 Maudslay SP, NP - Bo Zaremba
 7/4 56 C Franklin NABA - Mark Fairbrother *et al.*
 7/6 18 S Berkshire NABA - Rene Wendell *et al.*
 7/7 16 N Worcester NABA - Wendy Howes *et al.*
 7/8 23 Blackstone Valley NABA - Tom Dodd *et al.*
 7/8 27 N Berkshire NABA - Tom Tynning *et al.*
 7/9 40 Truro NABA - Mark Faherty *et al.*
 7/14 43 C Berkshire NABA - Tom Tynning *et al.*
 7/15 11 Leicester - MBC Trip
 7/19 16 MMP, Williamstown - Tor Hansen
 7/21 79 Northampton NABA - Mark Fairbrother *et al.*

7/28 17 Bart's Cobble, Sheffield - MBC Trip
 7/29 7 West Whately - Bill Benner
 8/2 1 Arnold Arboretum, Boston - Lucy Merrill-Hills
 8/6 5 FS WMA, Longmeadow - Bill Callahan
 8/10 2 Easthampton - Bruce King
 8/16 1 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
 8/21 22 Northampton CG - Bill Callahan
 8/29 22 Florence Community Gardens - Bill Callahan
 9/4 1 Parker yard, E. Longmeadow - Karen Parker
 9/12 3 BMB WS, Worcester - Mark Rosenstein
 9/16 8 Northampton CG - Bill Callahan
 10/9 1 FS WMA, Longmeadow - Bill Callahan

Long-tailed Skipper

9/1 1 Sylvan Nursery, Dartmouth - MBC Trip
Hoary Edge
 6/6 1 Warren - Mark Lynch, Sheila Carroll
 6/16 10 BMB WS, Worcester - Bill & Nancy Callahan
 6/17 7 BMB WS, Worcester - Michael Newton
 6/26 12 BMB WS, Worcester - Lucy Merrill-Hills
 6/27 1 Ware - Ron & Sue Cloutier
 6/29 1 Shrewsbury PL - Bruce deGraaf
 7/21 1 Northampton NABA - Mark Fairbrother *et al.*

Southern Cloudywing

6/3 1 Birch Hill Dam, Royalston - Josh Rose
 6/9 1 HPM, Woburn - Michael Newton
 6/16 1 BMB WS, Worcester - Michael Newton
 6/16 1 Crane WMA, Falmouth - Joe Dwelly
 6/21 1 MBWMA, Newbury - Matt Arey
 6/22 1 Marston Mills Airport - Joe Dwelly
 6/25 1 S Quabbin - Ron & Sue Cloutier
 6/26 1 Ware - Bill Callahan
 6/30 1 HPM, Woburn - Mark Rosenstein
 7/4 2 C Franklin NABA - Mark Fairbrother *et al.*
 7/14 1 Falmouth NABA - Joe Dwelly *et al.*

Northern Cloudywing

5/24 1 McDonald Nature Preserve, Wilbraham - Bill Callahan
 5/26 2 HPM, Woburn - Steve Moore *et al.*
 5/29 1 North Adams, Mt. Greylock State Res. - MBC Trip
 6/1 2 Pittsfield - Gael Hurley
 6/8 12 McDonald Nature Preserve, Wilbraham - Bill Callahan
 6/9 6 HPM, Woburn - Michael Newton
 6/16 6 BMB WS, Worcester - Bill & Nancy Callahan
 6/19 4 BMB WS, Worcester - Bruce deGraaf

7/11 2 Princeton - Mark Rosenstein
7/16 1 World's End, Hingham - Paul Peterson

Dreamy Duskywing

5/15 1 New Salem - Sue Cloutier
5/17 2 Delaney WMA, Stow - Steve Moore
5/25 1 Rowe - Mark Fairbrother
6/2 1 Windsor, Savoy Road - Bill Callahan
6/3 1 Dauphinais Park, Grafton - Dolores
Price, Martin St. Onge
6/9 1 Moran WMA, Windsor - Bill Callahan
6/12 1 BMB WS, Worcester - Mark Rosenstein
6/17 1 Rowden Yard, Leicester - Mark Rowden
9/12 1 BMB WS, Worcester - Mark Rosenstein

Sleepy Duskywing

5/5 3 Correllus State Forest, West Tisbury -
Matt Pelikan
5/11 1 Crane WMA, Falmouth - Joe Dwelly
5/15 1 HPM, Woburn - Steve Moore
5/17 1 Delaney WMA, Stow - Steve Moore
5/18 1 Montague Plains - Bill Callahan
5/23 2 MSSF, Plymouth - Steve Moore
5/31 1 Barnes Airport, Westfield - Steve Moore
et al.

Juvenal's Duskywing

4/28 1 Montague - Bill Callahan
5/2 2 MBWMA, Newbury - Marjorie Watson
5/5 5 Myles Standish State For. Carver - Matt
Arey
5/11 16 Crane WMA, Falmouth - Joe Dwelly
5/16 1 Leyden Road, Greenfield - Mark
Fairbrother
5/21 5 Ware River Watershed - Mark Lynch,
Sheila Carroll
5/23 2 MSSF, Plymouth - Steve Moore
5/26 2 Ashburnham - Bill & Nancy Callahan
5/29 1 North Adams, Mt. Greylock State Res.
- MBC Trip
5/30 1 Northern Worcester County - Steve
Moore *et al.*
6/2 1 Parker yard, E. Longmeadow - Karen
Parker
6/8 2 Boston Nature Center - Lucy
Merrill-Hills
6/10 1 Bart's Cobble, Sheffield - Bill Callahan
6/11 2 Oak St. PL, Shrewsbury - Bruce
deGraaf
6/16 4 Crane WMA, Falmouth - Joe Dwelly
6/18 1 BMB WS, Worcester - Bruce deGraaf

Horace's Duskywing

5/18 1 Montague Plains - Bill Callahan
6/1 1 Montague Plains - Bill & Nancy
Callahan
6/2 2 MBWMA, Newbury - Matt Arey
6/8 1 Fowl Meadows, Milton - Paul Peterson
7/15 1 MBWMA, Newbury - Matt Arey

7/18 1 McDonald Nature Preserve, Wilbraham
- Bill Callahan
7/21 2 Northampton NABA - Mark Fairbrother
et al.
7/21 1 Brewster NABA - Joe Dwelly *et al.*
8/3 3 Northampton CG - Bill Callahan
8/5 2 Crane WMA, Falmouth - Joe Dwelly
8/9 1 Northampton CG - Bill Callahan
8/18 1 Wellfleet - Sherri VandenAkker
9/16 3 Boston Nature Center - Lucy
Merrill-Hills

Wild Indigo Duskywing

5/5 1 Myles Standish State For. Carver - Matt
Arey
5/14 1 Dauphinais Park, Grafton - Steve Moore
5/17 3 Dinosaur Footprints TTOR, Holyoke -
Bill Callahan
5/30 6 HPM, Woburn - Mark Rosenstein
6/9 10 HPM, Woburn - Michael Newton
7/8 1 N Berkshire NABA - Tom Tynning *et al.*
7/18 1 Natick - Glenn Long
7/29 14 Sandisfield - Mark Lynch, Sheila
Carroll
8/5 85 Crane WMA, Falmouth - Joe Dwelly
8/10 1 West Whately - Bill Benner
8/20 1 MMP, Williamstown - Mark Rosenstein
8/26 2 Dauphinais Park, Grafton - Dolores
Price, Martin St. Onge
9/11 1 Oak St. PL, Shrewsbury - Bruce
deGraaf
9/19 6 Northampton CG - Bill Callahan
9/23 1 MBWMA, Newbury - Matt Arey

Common Checkered-Skipper

7/21 1 Northampton NABA - Mark Fairbrother
et al.
9/14 1 Northampton CG - Bill Callahan

Common Sootywing

5/17 1 Dinosaur Footprints TTOR, Holyoke -
Bill Callahan
5/20 1 Ware River Watershed - Mark Lynch,
Sheila Carroll
7/7 1 Shrewsbury PL - Bruce deGraaf
7/21 49 Northampton NABA - Mark
Fairbrother *et al.*
7/29 4 Paxton - Karl & Elise Barry
8/3 6 Northampton CG - Bill Callahan
8/21 16 Northampton CG - Bill Callahan
8/26 1 Endicott Park, Danvers - Lucy
Merrill-Hills
8/29 2 Florence Community Gardens - Bill
Callahan

Arctic Skipper

6/1 9 Moran WMA, Windsor - Gael Hurley
6/2 32 Moran WMA, Windsor - Bill Callahan
6/2 4 Windsor - Bill Callahan

6/3 2 Hawley - Mark Lynch, Sheila Carroll
6/3 3 Royalston - Josh Rose
6/3 5 October Mountain SF, Washington -
Gael Hurley
6/7 24 Windsor - Tom Gagnon
6/9 15 Moran WMA, Windsor - Bill Callahan
6/9 3 Windsor - Bill Callahan

Least Skipper

6/2 2 Rough Meadows WS, Rowley - Matt
Arey
6/7 5 Dunback Meadows, Lexington - Mark
Rosenstein
6/11 6 Rock Meadow, Belmont - Mark
Rosenstein
6/19 11 Fowl Meadows, Milton - Lucy
Merrill-Hills
6/26 5 Woodsom Farm, Amesbury - Marjorie
Watson
6/29 16 Arnold Arboretum, Boston - Lucy
Merrill-Hills
7/4 3 Sherborn - Michael Newton
7/8 11 N Berkshire NABA - Tom Tynning *et al.*
8/1 11 Arnold Arboretum, Boston - Lucy
Merrill-Hills
8/5 1 Hardwick - Wendy Howes, Alan Rawle
8/9 1 Brewster - Sherri VandenAkker
8/14 14 FS WMA, Longmeadow - Bill
Callahan
8/16 16 AP Allens Neck, Dartmouth - Michael
Newton
8/19 3 MMP, Williamstown - Bill & Nancy
Callahan
8/19 5 Elm Hill, MAS, Brookfield - MBC Trip
8/22 11 FS WMA, Longmeadow - Bill
Callahan
9/3 8 AP Field Station, Dartmouth - Michael
Newton
9/5 5 FS WMA, Longmeadow - Bill Callahan
9/16 6 FS WMA, Longmeadow - Bill & Nancy
Callahan
10/9 1 FS WMA, Longmeadow - Bill Callahan
10/9 1 Arnold Arboretum, Boston - Lucy
Merrill-Hills

European Skipper

6/8 3 McDonald Nature Preserve, Wilbraham
- Bill Callahan
6/9 28 Breakneck Hill Conservation Land,
Southborough - Lucy Merrill-
6/10 2 Sunderland - Mark Fairbrother
6/17 15 Gill - Bill & Nancy Callahan
6/20 145 Maudslay SP, NP - Bo Zaremba
6/25 13 Williams Land, Harvard - Mark
Rosenstein
6/30 70 LPWS, Barnstable - Joe Dwelly
7/4 200 Mount Wachusets, Princeton - Matt
Arey

7/5 5 October Mountain, Pittsfield - Mark
Rosenstein
7/6 237 S Berkshire NABA - Rene Wendell
et al.
7/7 366 N Worcester NABA - Wendy Howes
et al.
7/8 420 N Berkshire NABA - Tom Tynning
et al.
7/9 24 Truro NABA - Mark Faherty *et al.*
7/14 16 C Berkshire NABA - Tom Tynning
et al.
7/20 1 Brockton - Kathleen Walker
8/1 3 Arnold Arboretum, Boston - Lucy
Merrill-Hills
9/12 1 Meadow Road, Montague - Mark
Fairbrother

Fiery Skipper

7/1 1 BMB WS, Worcester - Bruce deGraaf
7/15 1 Rough Meadows WS, Rowley - Matt
Arey
9/8 1 Newbury, Tendercrop Farm - Matt Arey

Leonard's Skipper

8/24 4 BMB WS, Worcester - Steve Moore
8/26 2 Parker Preserve, Grafton - Dolores
Price, Martin St. Onge
8/29 1 Shrewsbury PL - Bruce deGraaf
8/31 3 Crane WMA, Falmouth - Joe Dwelly
9/1 3 BMB WS, Worcester - Rosemary Mosco
9/2 2 Plum Island, Newbury - Matt Arey
9/15 16 Crane WMA, Falmouth - MBC Trip

Cobweb Skipper

5/13 1 HPM, Woburn - Matt Arey
5/18 3 Montague Plains - Bill Callahan
5/26 6 Turners Falls Airport - Mark Fairbrother
6/3 6 Montague Plains - Nick Block

Indian Skipper

5/24 15 Florence - Tom Gagnon
5/26 1 Holliston - Richard Hildreth
5/30 5 HPM, Woburn - Mark Rosenstein
6/1 1 Montague Plains - Bill & Nancy
Callahan
6/1 1 Pittsfield - Gael Hurley
6/2 2 Norfolk Field, Norfolk - Brian Cassie
6/5 2 Shrewsbury - Bruce deGraaf
6/8 1 New Salem - Sue Cloutier
6/16 2 Crane WMA, Falmouth - Joe Dwelly
6/18 1 HPM, Woburn - Mark Rosenstein
7/21 1 Rowden Yard, Leicester - Mark Rowden

Peck's Skipper

5/25 4 Milford - Keith Shaw
5/28 2 Florence - Bill & Nancy Callahan
6/1 3 Pittsfield - Gael Hurley
6/8 10 McDonald Nature Preserve, Wilbraham
- Bill Callahan
6/16 14 BMB WS, Worcester - Michael

Newton
6/20 11 Maudslay SP, NP - Bo Zaremba
6/23 2 N Essex NABA - Howard Hoople *et al.*
6/29 2 Wendmuth Meadow, N. Brookfield -
Wendy Howes *et al.*
7/6 14 S Berkshire NABA - Rene Wendell
et al.
7/8 18 N Berkshire NABA - Tom Tynning *et al.*
7/14 31 C Berkshire NABA - Tom Tynning
et al.
7/20 36 Windsor - Bill Callahan
7/26 1 Parker yard, E. Longmeadow - Karen
Parker
7/31 6 Shrewsbury PL - Bruce deGraaf
8/6 18 Parker yard, E. Longmeadow - Karen
Parker
8/10 24 Arnold Arboretum, Boston - Lucy
Merrill-Hills
8/15 2 Rowden Yard, Leicester - Mark Rowden
8/16 12 Parker yard, E. Longmeadow - Karen
Parker
8/19 26 Parker yard, E. Longmeadow - Karen
Parker
8/23 4 Boston Nature Center - Lucy
Merrill-Hills
8/26 2 Dauphinis Park, Grafton - Dolores
Price, Martin St. Onge
8/31 9 Wilbraham - Bill Callahan
9/3 40 AP Field Station, Dartmouth - Michael
Newton
9/12 3 Arnold Arboretum, Boston - Lucy
Merrill-Hills
9/16 1 Fall River - Doug Hlousek
9/21 2 Oak St. PL, Shrewsbury - Bruce
deGraaf
9/30 2 Belmont - Fred Bouchard
10/5 1 Oak St. PL, Shrewsbury - Bruce
deGraaf

Tawny-edged Skipper

5/30 5 McDonald Nature Preserve, Wilbraham
- Bill Callahan
6/2 4 Sherborn - Michael Newton
6/16 2 BMB WS, Worcester - Michael Newton
6/20 4 Maudslay SP, NP - Bo Zaremba
6/24 2 BMB WS, Worcester - Bruce deGraaf
7/4 3 C Franklin NABA - Mark Fairbrother
et al.
7/14 6 C Berkshire NABA - Tom Tynning *et al.*
7/14 5 Sandisfield - Mark Lynch, Sheila
Carroll
7/31 10 Parker yard, E. Longmeadow - Karen
Parker
8/3 3 Holliston - Richard Hildreth
8/9 6 Northampton CG - Bill Callahan
8/17 2 Shrewsbury PL - Bruce deGraaf
8/24 5 Northampton CG - Bill Callahan

9/4 1 Meadow Road, Montague - Mark
Fairbrother
9/12 1 BMB WS, Worcester - Mark Rosenstein
9/29 1 Northampton CG - Bill & Nancy
Callahan

Crossline Skipper

6/30 1 Correllus State Forest, West Tisbury -
Matt Pelikan
7/3 1 Crane WMA, Falmouth - Joe Dwelly
7/6 1 S Berkshire NABA - Rene Wendell *et al.*
7/14 1 Correllus State Forest, Edgartown -
Matt Pelikan
7/18 6 Parker yard, E. Longmeadow - Karen
Parker
7/24 3 McDonald Nature Preserve, Wilbraham
- Bill Callahan
7/28 1 Bart's Cobble, Sheffield - MBC Trip
8/5 1 Parker yard, E. Longmeadow - Karen
Parker

Long Dash

5/30 4 McDonald Nature Preserve, Wilbraham
- Bill Callahan
6/2 2 Sherborn - Michael Newton
6/3 1 Dauphinis Park, Grafton - Dolores
Price, Martin St. Onge
6/11 6 Rock Meadow, Belmont - Mark
Rosenstein
6/16 1 Crane WMA, Falmouth - Joe Dwelly
6/17 4 Gill - Bill & Nancy Callahan
6/20 27 Maudslay SP, NP - Bo Zaremba
6/29 4 October Mountain SF, Washington -
Gael Hurley
7/6 3 S Berkshire NABA - Rene Wendell *et al.*
7/8 12 N Berkshire NABA - Tom Tynning *et al.*
7/11 1 G43 Quabbin - MBC Trip
7/14 6 C Berkshire NABA - Tom Tynning *et al.*

Northern Broken-Dash

6/11 1 E Longmeadow - Karen Parker
6/16 2 Beartown SF, Great Barrington - Mark
Lynch, Sheila Carroll
7/4 1 Natick - Glenn Long
7/4 13 C Franklin NABA - Mark Fairbrother
et al.
7/6 12 S Berkshire NABA - Rene Wendell
et al.
7/8 22 N Berkshire NABA - Tom Tynning *et al.*
7/9 32 Truro NABA - Mark Faherty *et al.*
7/14 23 C Berkshire NABA - Tom Tynning
et al.
7/15 15 MBWMA, Newbury - Matt Arey
7/19 1 October Mountain, Pittsfield - Mark
Rosenstein
7/21 48 Brewster NABA - Joe Dwelly *et al.*
7/21 25 Northampton NABA - Mark
Fairbrother *et al.*

7/26 5 Northampton CG - Bill Callahan
7/29 10 West Whately - Bill Benner
7/29 30 Nasketucket Bay Reserve,
Mattapoisett - Michael Newton
8/1 1 Sandwich - Sherri VandenAkker
8/8 1 Holliston - Richard Hildreth
8/10 7 Arnold Arboretum, Boston - Lucy
Merrill-Hills
8/15 1 Wareham - Andrew Griffith
8/25 1 Signal Hill, Canton - Lucy Merrill-Hills
9/1 1 Sylvan Nursery, Dartmouth - Lauren
Miller-Donnelly

Little Glassywing

6/10 1 Gate 8, Belchertown - Mark Lynch,
Sheila Carroll
6/25 1 FS WMA, Longmeadow - Bill Callahan
6/26 1 MBWMA, Newbury - Mark Rosenstein
6/27 1 Parker yard, E. Longmeadow - Karen
Parker
7/6 52 S Berkshire NABA - Rene Wendell
et al.
7/7 4 Concord NABA - Dick Walton
7/7 14 N Worcester NABA - Wendy Howes
et al.
7/8 15 Blackstone Valley NABA - Tom Dodd
et al.
7/14 21 C Berkshire NABA - Tom Tynning
et al.
7/21 6 Northampton NABA - Mark Fairbrother
et al.
7/26 2 Holliston - Richard Hildreth
7/29 3 G45 Quabbin - MBC Trip
8/3 1 Northampton CG - Bill Callahan
8/20 1 MMP, Williamstown - Mark Rosenstein
8/23 2 BMB WS, Worcester - Garry Kessler

Sachem

7/14 1 Falmouth NABA - Joe Dwelly *et al.*
10/1 1 AP Field Station, Dartmouth - Moore,
Kessler, Reid
10/1 1 Helfand Community Gardens,
Darthmouth - Lauren Miller-Donnelly
10/1 1 Sylvan Nursery, Dartmouth - Mark
Rosenstein
10/7 1 Nasketucket Bay Reserve, Mattapoisett
- Lauren Miller-Donnelly
10/9 1 AP Field Station, Dartmouth - Lauren
Miller-Donnelly
10/9 1 Sylvan Nursery, Dartmouth - Lauren
Miller-Donnelly

Delaware Skipper

6/20 1 Longmeadow, Wolf Swamp Rd - Bill
Callahan
7/3 1 MBWMA, Newbury - Bo Zaremba
7/4 17 C Franklin NABA - Mark Fairbrother
et al.

7/8 46 Blackstone Valley NABA - Tom Dodd
et al.
7/15 5 Rough Meadows WS, Rowley - Matt
Arey
7/18 2 CST, Northborough - Steve Moore
7/19 4 October Mountain, Pittsfield - Mark
Rosenstein
7/21 2 Northampton NABA - Mark Fairbrother
et al.
7/21 2 Brewster NABA - Joe Dwelly *et al.*
8/21 1 FS WMA, Longmeadow - Steve
Shelasky

Mulberry Wing

7/3 2 Fowl Meadows, Milton - Mark
Rosenstein
7/6 6 S Berkshire NABA - Rene Wendell *et al.*
7/10 27 CST, Northborough - Steve Moore
7/13 24 Wilbraham - Bill Callahan
7/14 1 C Berkshire NABA - Tom Tynning *et al.*
7/15 1 Parker yard, E. Longmeadow - Karen
Parker
7/18 15 CST, Northborough - Steve Moore
7/21 4 Northampton NABA - Mark Fairbrother
et al.
7/24 2 McDonald Nature Preserve, Wilbraham
- Bill Callahan

Hobomok Skipper

5/26 3 Rough Meadows WS, Rowley - Matt
Arey
5/30 1 Petersham - Mark Lynch, Sheila Carroll
5/31 2 FS WMA, Longmeadow - Bill Callahan
5/31 1 Cummington - Steve Moore *et al.*
6/2 1 Norfolk Field, Norfolk - Brian Cassie
6/3 7 Hawley - Mark Lynch, Sheila Carroll
6/3 12 Ware - Bill Callahan
6/6 1 Williamsburg Flower Hill Farm - Carol
Duke
6/10 10 Lime Kiln, Sheffield - Bill Callahan
6/16 8 Beartown SF, Great Barrington - Mark
Lynch, Sheila Carroll
6/19 1 Fowl Meadows, Milton - Lucy
Merrill-Hills
6/22 1 WMWS, Princeton - Moore, Kessler
6/29 3 October Mountain SF, Washington -
Gael Hurley
7/6 1 S Berkshire NABA - Rene Wendell *et al.*
7/8 5 N Berkshire NABA - Tom Tynning *et al.*
7/14 2 C Berkshire NABA - Tom Tynning *et al.*

Zabulon Skipper

5/25 1 FS WMA, Longmeadow - Bill Callahan
6/1 1 Wenham Canal - Matt Arey
6/2 2 Sherborn - Michael Newton
6/5 2 Fowl Meadows, Milton - Lucy
Merrill-Hills
6/17 1 Holliston - Richard Hildreth

6/21 1 Northampton - Kristi Bart
6/29 2 Arnold Arboretum, Boston - Lucy Merrill-Hills
8/6 6 FS WMA, Longmeadow - Bill Callahan
8/8 4 FS WMA, Longmeadow - Bill Callahan
8/16 15 Nasketucket Bay Reserve, Mattapoisett - Michael Newton
8/19 1 West Whately - Bill Benner
8/21 2 Northampton CG - Bill Callahan
9/3 4 AP Field Station, Dartmouth - Michael Newton
9/14 1 Champagne yard, Foxborough - Madeline Champagne

Broad-winged Skipper

7/5 3 CST, Northborough - Steve Moore
7/7 4 Concord NABA - Dick Walton
7/8 2 Johnny Applesed Park, Springfield - Bill Callahan
7/15 1 MBWMA, Newbury - Matt Arey
7/19 1 October Mountain, Pittsfield - Mark Rosenstein
7/21 5 Brewster NABA - Joe Dwelly *et al.*
7/22 12 Newbury, Boston Rd & Hay Street - Matt Arey
7/28 1 Parker yard, E. Longmeadow - Karen Parker
7/29 1 Sandisfield - Mark Lynch, Sheila Carroll
8/16 11 AP Allens Neck, Dartmouth - Michael Newton
8/19 1 Marshfield - Rosemary Mosco
9/1 1 AP Allens Neck, Dartmouth - Lauren Miller-Donnelly
9/5 1 Sylvan Nursery, Dartmouth - Mark Rosenstein

Dion Skipper

7/6 4 S Berkshire NABA - Rene Wendell *et al.*
7/7 1 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/9 1 Washington - Gael Hurley
7/14 1 C Berkshire NABA - Tom Tynning *et al.*

Black Dash

7/4 1 New Salem - Ron & Sue Cloutier
7/4 1 Pike's Bridge Rd, W Newbury - Bo Zarembo
7/5 1 CST, Northborough - Steve Moore
7/7 13 Concord NABA - Dick Walton
7/8 3 Blackstone Valley NABA - Tom Dodd *et al.*
7/9 1 Washington - Gael Hurley
7/11 9 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/15 5 MBWMA, Newbury - Matt Arey
7/18 7 McDonald Nature Preserve, Wilbraham - Bill Callahan

7/21 5 Northampton NABA - Mark Fairbrother *et al.*
7/24 4 McDonald Nature Preserve, Wilbraham - Bill Callahan
7/25 1 Lake Wampanoag WS, Gardner - Wendy Howes

Two-spotted Skipper

6/29 5 October Mountain SF, Washington - Gael Hurley
7/1 2 October Mountain, Pittsfield - Gagnon, Cooper
7/4 1 Mount Wachusetts, Princeton - Matt Arey

Dun Skipper

7/1 1 Ware - Ron & Sue Cloutier
7/4 2 Sherborn - Michael Newton
7/6 31 S Berkshire NABA - Rene Wendell *et al.*
7/7 2 Windsor - Mark Lynch, Sheila Carroll
7/9 113 Truro NABA - Mark Faherty *et al.*
7/14 60 Correllus State Forest, Edgartown - Matt Pelilkan
7/21 57 Brewster NABA - Joe Dwelly *et al.*
7/21 46 Northampton NABA - Mark Fairbrother *et al.*
7/26 12 MMP, Williamstown - Tor Hansen
7/29 2 G45 Quabbin - MBC Trip
7/31 2 Moore SP, Paxton - Elise Barry
8/4 1 Topsfield - Steven Ross
8/5 5 West Whately - Bill Benner
8/10 2 Arnold Arboretum, Boston - Lucy Merrill-Hills
8/19 4 West Whately - Bill Benner
8/24 2 Arnold Arboretum, Boston - Lucy Merrill-Hills
9/1 4 Sylvan Nursery, Dartmouth - Lauren Miller-Donnelly
9/5 2 Sylvan Nursery, Dartmouth - Mark Rosenstein

Dusted Skipper

5/26 2 HPM, Woburn - MBC Trip
6/1 3 Montague Plains - Bill & Nancy Callahan
6/2 62 Sherborn - Michael Newton
6/3 3 Dauphinais Park, Grafton - Dolore Price, Martin St. Onge
6/3 2 Ware - Bill Callahan
6/8 1 BMB WS, Worcester - Steve Moore
6/8 2 Crane WMA, Falmouth - Joe Dwelly
6/9 4 HPM, Woburn - Michael Newton
6/16 2 BMB WS, Worcester - Michael Newton
6/20 2 Shrewsbury High School - Bruce deGraaf

Pepper and Salt Skipper

5/26 1 Ashburnham - Bill & Nancy Callahan

5/30 2 Petersham - Mark Lynch, Sheila Carroll
6/2 1 Windsor - Bill Callahan
6/2 1 Lanesborough - Rosemary Mosco
6/3 1 October Mountain SF, Washington -
Gael Hurley
6/11 1 Petersham - Mark Lynch, Sheila Carroll

Ocola Skipper

9/4 1 FS WMA, Longmeadow - Bill Callahan

9/14 1 Northampton CG - Bill Callahan
9/23 1 Newbury - Matt Arey
9/27 1 Florence Community Gardens - Bill
Callahan
10/1 2 Sylvan Nursery, Dartmouth - Mark
Rosenstein
10/7 1 Nasketucket Bay Reserve, Mattapoisett
- Lauren Miller-Donnelly
10/9 2 FS WMA, Longmeadow - Bill Callahan



Viceroy (*Limenitis archippus*), 6/17/18, south Quabbin Reservoir area, Sue Cloutier

Monarch (*Danaus plexippus*), 9/5/18, Northampton Community Gardens, Florence, MA, Joyce Lak



Hoary Edge (*Achalarus lyciades*), 6/24/18, Broad Meadow Brook, Worcester, MA, Bruce deGraaf

California and Oregon Butterfly Trip June 12 to 20, 2018

by Steve Moore

Mark and Holly Salvato and Frank Model joined me for a butterfly trip to central and northern California and southern Oregon. Mark and Holly flew out there on June 7 and stayed until June 22.

June 12, 2018 – I flew from Providence, RI on Southwest Airlines leaving Providence at 5:30am and landing at San Jose, Ca. about 11:45am after a 45 minute delay at Midway in Chicago. Frank's flight was also a little late and he got there about 20 minutes after me. Mark and Holly had rented a Nissan Armada (aka the huge but necessary tank), and we headed off to Monterey where we were staying at the Monterey Airport Comfort Inn. Along the way we called Chris Tenney and agreed to meet him at Hatton Canyon just off of Route 1 in northern Carmel. We arrived there at 2pm and stayed until 4pm. It was sunny and warm. We walked in and downhill about $\frac{3}{4}$ of a mile on a dirt road. A crew was clearing trees but did not get in our way.

Chris spotted an *Oreas Comma* after a 30 minute walk but it flew off before we could get satisfactory looks. I saw the edge of the hindwing and it had small orange triangles in the brown border. It did not return so we walked in further and came across another *Oreas* which was very cooperative and kept returning to a specific perch on the left side of the road where we got extended looks and photos. We could see many of the fieldmarks on this 2nd *Comma*, which had the brown margin on the hindwings with orange spots (triangles to me) in the middle of the brown, no spot on the dorsal hindwings, the boomerang comma mark, but little striations underside.

During our walk in and out of Hatton Canyon we saw:

Lorquin's Admiral – 2
Common Buckeye – 6
Mourning Cloak – 1
Cabbage White – 15+
Mylitta Crescent – 15+
Western Tiger Swallowtail – 10+
Sara Orangetip (Pacific form) – 1
Satyr Comma – 2
Umber Skipper – 3
Pale Swallowtail – 1
American Lady – 1
West Coast Lady – 1
Echo Spring Azure – 1
Red Admiral – 1 (very worn)
OREAS COMMA – 2

For birds we saw Allen's Hummingbird, Spotted Towhees, Chestnut-backed Chickadees, California Quail, California Scrub-Jays and a White-collared Swift at the airport.

Dinner at Tarpy's Roadhouse and night at the Comfort Inn.

15 butterfly species
1 lifer
17 bird species

June 13, 2018 – We met Chris at the Comfort Inn and headed to Chew's Ridge in the Los Padres National Forest arriving there about 9:45am after an 8:30 start. A 4-foot long Gopher Snake held our attention on the drive up Tassajara Road. We parked in a parking lot on the right and hiked up a small hill on the left side of the road. It was sunny and between 82 and 87 degrees. It took a while but about 10:15am an UNSILVERED FRITILLARY flew by us at the top of the hill and perched on thistle for a minute or so. Some long distance pictures were taken but it did not give us a great look. Frank found a Columbian Skipper sitting on a stone which stayed put for 10 minutes. Lifer for 3. California Tortoiseshells and Painted Ladies were flying in significant numbers.

After the single Unsilvered sighting we went back to the parking lot and walked along the ridge on the right side of the road. There we found another 4 or 5 Unsilvered Fritillaries. Here we also had 1 California Dogface, many Mylitta Crescents, an Acmon Blue, both male and female Gorgon Coppers, Pacuvius and Propertius Duskywings, Coronis and lightly colored Callippe Fritillaries and one obvious collector.

We left the Ridge at noon and Chris headed home and we drove (mostly on Route 5) up to Williams, CA, on our way to Oregon. We stayed at an EconoLodge with a number of flies in Williams and had dinner at Granzellas with a bus load of students. Decent food with unexpected good service.

17 species seen today
27 trip species
2 lifers

June 14, 2018 – Today we drove from Williams to Willows, CA, and got off Route 5 at County Road 57 and went east a very short way and crossed over the railroad tracks to a drainage ditch. We walked along the ditch on the right side of the road where small white flowers were blooming. We had hoped to see Small Checkered Skippers here but found none. We were there from 8:40am to 9:20am in 72 to 77 degree sun. We did see:

Common Checkered Skipper – 10+
Cabbage White – 3
Gray Hairstreak – 1

Also saw 2 Belted Kingfishers, 1 Bewick's Wren, 1 Black Phoebe, Barn Swallows, Killdeer, etc.

We then headed north on Route 5 and stopped at the Shasta Lake Rest Area on the right where we saw:

Fiery Skipper – 2
California Sister – 1

Had lunch at a Subway in Weed, CA, where we saw a Pale Swallowtail.

We then drove out on Route 97 northeast for about 12 miles to Bolam Road on the right where Jim had told us to stop and look for Leanira Checkerspots. We drove in about 1.2 miles and found Leaniras all over the place. They were mudpuddling on the road and nectaring on large white bushes just off the road. While there from 12:15pm to 2:30pm in 78 degree, partly cloudy but mainly sunny weather we saw:

Leanira Checkerspot – 300+ (maybe as many as a thousand)
SNOWBERRY CHECKERSPOT – 25+
Northern Checkerspot – 37+
California Hairstreak – 2
California Sister – 1
California Tortoiseshell – 2
Western Brown Elfin – 1
Common Ringlet – 5
Western Pine Elfin – 6

We then drove to the Mt. Shasta Vista Point viewing spot on Route 97 on the left side of the road about 19.5 miles from Weed. We walked in behind the stone wall and found the following:

WESTERN SOOTY HAIRSTREAK – 1 (as advertised by Jim)
Lupine Blue – 1
Brown Elfin – 1
Nelson's Juniper Hairstreak – 10 (some fresh with a bright purple sheen)
Snowberry Checkerspot – 12
Blue Copper – 1
Common Sootywing – 1 (fresh)
Boisduval's Blue – 6
California Tortoiseshell – 1
Common Ringlet – 6

We left this spot at 2:15pm and drove back to Bolam Road for another look at this incredible checkerspot sight. Saw many of the same butterflies but added:

Behr's Hairstreak – 1
Purplish Copper – 1 (female)

We then drove back to Weed for gasoline and headed north into Oregon which we entered at 5:43pm.

Dinner at McGrath's Fish House (great food at a reasonable price) next to the Medford, OR, Comfort Inn where we stayed for four nights. It turned out to be a great spot for the butterflying adventures we were to have in this area (nice choice by Holly).

28 species today
48 trip species
4 lifers

June 15, 2018 – Today we drove south to Mt. Ashland and met Rob Santry at the ski area parking lot at 9am. While waiting for Rob to arrive we saw Cassin's Finch, Common

Ravens and later 2 Lazuli's Buntings. It was cold (in the 40s) when we got there and after a short drive west from the parking lot without seeing anything, Rob suggested we head down the Mountain and cross over to the east side of Route 5 to some roads off of Route 66. We took a left onto Old Hyatt Prairie Road and stopped at "PCT South" which is a meadow on the left where Mardon Skippers had been seen earlier in the week. We were there from 10:20am to 11am in 55 degree, sunny weather and saw:

MARDON SKIPPER – 2
Greenish Blue – 3
Orange Sulphur – 1
Pacific Fritillary – 3
Common Ringlet – 3
Callippe Fritillary – 1
Anise Swallowtail – 1

Our next stop was on the other side of Route 66 on Copco Road where we drove in 4.9 miles and stopped at Rattlesnake Spring on the right. It was now 64 degrees with sun. We walked in and immediately found Lindsey's Skippers (as well as along Copco Road). There was a muddy creek that we were to cross (Rob and Mark did) but Holly sank into the mud up to the top of her boots. She was covered significantly in mud as was her camera and we had to pull her out with some effort. Not a happy scene despite their getting the Lindsey's as a lifer. Before the great dunk we saw:

Common Wood Nymph – 1
Lindsey's Skipper – 100+
Lorquin's Admiral – 1
Northern Checkerspot – 1
Variable Checkerspot – 3
Snowberry Checkerspot – 1
Common Ringlet – 6

At 12:45pm we drove over Route 66 and up another dirt road that eventually tied into Old Hyatt Prairie Road. In 59 degree sunny weather we saw:

Sara Orangetip – 1
Gray Marble – 12
Two-tailed Swallowtail – 1
Common Ringlets
Clodius Parnassian – 10+
Pale Swallowtail – 1
Margined Mustard White – 6+
Large Marble – 1
Arctic Skipper – 1 (fresh)
California Tortoiseshell – 1
Hoary Comma – 1 (seen only by me)
WESTERN SULPHUR – 3
Juba Skipper - 1

Later we turned onto the other end of Old Hyatt Prairie Road and headed back toward Route 66. Along this portion of the road we saw:

GREAT ARCTIC – 3+
Nelson's Juniper Hairstreak – 2
Common Ringlets
Western Sulphur – 4
Mourning Cloak – 1
Northern Checkerspot – 2
Purplish Copper – 1 (female)
Large Marbles
Gray Marbles

On this portion of the road Frank slipped on the road and cut his left knee fairly badly. Rob had first aid supplies and patched him up (the ER doctor at Medford Hospital approved of Rob's work), and Frank soldiered on. We went back to the Mardon Skipper meadow and saw:

Mardon Skipper – 2
Two-banded Checkered-Skipper - 3
Pacific Dotted Blue – 2
Common Ringlets
Common Checkered Skipper – 2
Fritillary – 3 (probably Callippe)

At 4:45pm we dropped Frank off at the Medford Hospital ER where he received 7 stitches to close the wound on his knee. He was later released just in time to join us for dinner at McGrath's.

40 species today (our high daily count)
70 trip species
7 lifers

June 16, 2018 – Today we took a long drive up Route 5 to Grants Pass and then southwest on Route 199 to O'Brien, OR. In O'Brien we took a right on to Lone Mountain Road just before the convenience store and went up the mountain for 21.1 miles (19.6 miles from where the road turned to dirt) to just after the sign that reads "Sourdough 18 miles, Route 199 11 miles" where a strong seep over granite is located on the right just where the road turns sharply left and uphill. We parked up the hill and walked back to the seep at about 10am. It was cold (63 degrees), partly cloudy and breezy. At first we did not see much flying, but at 11:20am a WESTERN CLOUDYWING landed in front of me on the north side of the seep. I got a good look for 30 seconds and could see white fringes, some white around the eye and fairly large white spots on the top of the wings. I did not get a ventral view of this Cloudywing. The others came running but it flew before they could get good looks. Rob had told us that Mexican Cloudywings were not out yet and later told me that the Northern Cloudywings do not get as high as we were.

After another 25 minutes Mark spotted a Western Cloudywing on the south side of the seep and we all got good looks and photos of this Cloudywing and as many as 2 others that showed up. They took short flights frequently but generally returned to the same area they had just left. Lifer for all of us!

I later learned that Andy Warren had found this spot and we were, in fact, still in Oregon despite being very close to California. At this spot we also saw:

Common Ringlet – 4
Northern Checkerspot – 1
Propertius Duskywing – 10+
Snowberry Checkerspot – 1
Variable Checkerspot – 4+
Edith's Checkerspot – 1
Pacuvius Duskywing – 1

We left this spot at 12:30pm and headed down to Route 199 and lunch at Cave Junction at a Subway. Along the roads in this area we saw a California Sister, a female deer with 2 young and some Wild Turkeys.

We then drove all the way back to Mt. Ashland arriving there at 3:15pm where it was 63 degrees, sunny but with a strong breeze. We walked around the intersection with the Pacific Coast Trail and saw:

Common Ringlets
Sierra Blue – 3+
Sheridan's Alpine Hairstreak – 3 or 4
Greenish Blue – 6
Northern Checkerspot – 1
Variable Checkerspot – 1
Lindsey's Skipper – 1

Got back to the motel in Medford about 5:30pm and had dinner at McGrath's again. I called Rob Santry after dinner and he confirmed the Western Cloudywings (he had seen 5 of them there 10 days earlier). He reported that his Count that day had gone to the Old Hyatt Prairie Road area and had very few butterflies as it was cold and cloudy over there with some rain. They only had 2 Mardon Skippers and 1 Great Arctic with no Marbles. He mentioned that Robert (a collector we had seen at Mt Ashland on the 15th) had not found any Western Sooty Hairstreaks flying at MT. Ashland.

73 trip species
11 day species
8 lifers
44 trip bird species

June 17, 2018 – Today we went hunting Leona's Small Blue which was the only target lifer left. We drove over to Chiloquin, OR, on Route 97 and searched two locations for the Leona's without any luck. It was cold (high 50s at best), rainy and almost no sun all day. The only butterflies seen were two Fritillaries that Mark kicked up.

The first Leona location was where Boundary Road crossed a powerline (not far in on the left off of Route 97 just north of MM 228) and the second location was on a dirt road (base color was reddish) at mile marker 226.2 (Jim's spot) where we went right at the first split and stopped and looked around the next left. We found the Spurry Buckwheat (a short plant with spiky leaves and reddish stems) that is its host plant but no butterflies.

We were there from 9:40am to 10:40am. We stopped at the Sand Creek General Store near the Leona locations and then drove north on 97 to Route 138 where we took a left and drove to the entrance to Crater Lake National Park. Again it was cold (47 degrees) with wind and rain. We stopped at some of the overlooks into this beautiful lake (with 2 small islands) and at the Visitors Center where Holly found a Clark's Nutcracker.

We went back to the Leona spots again but it was only 63 degrees and no sun. We saw nothing again. Although the weather would have prevented Leona from flying, our sense was that they were not out yet. We later heard that Ken Kertell had some on the 22nd.

We then drove back to Medford and had dinner at an Olive Garden on Route 62 (the Crater Lake Highway).

At breakfast today Mark told us that Jim Brock had emailed him that Ken Kertell was at the Mt. Shasta Vista Point and had seen 10 Western Sooty Hairstreaks. Mark checked Holly's pictures and found that the first butterfly we had seen there on the 14th was a Western Sooty Hairstreak and not a female Boisduval's Blue as we had thought!! We decided we would go back there on the 18th.

73 trip species
0 day species
8 lifers
52 bird species

June 18, 2018 – Today we checked out of the Medford Comfort Inn and headed south.

Our first stop was along Old Hyatt Prairie Road where we stopped at the Mardon Skipper spot. We met Ken Kertell there and helped him find a Mardon. I walked the road and met the owner of much of this property. He was happy to have birders and butterflies there but not hunters. He is from California and is building a summer home there. He told me that he had seen Mardons on the right side of the road at the northern end of his property in prior years. While in this area today we saw:

Mardon Skipper – 1
Greenish Blue – 10
Western Sulphur – 5
Common Ringlet – 6
Large Marble – 5
Field Crescent – 1
Variable Checkerspot – 3
Common Checkered Skipper – 1
Snowberry Checkerspot – 2
Pacuvius Duskywing – 1
Gray Marble – 3
Pale Swallowtail – 1
Unidentified yellow Swallowtail – 1

At McDonald's in Ashland we saw:

California Sister – 1

Anise Swallowtail – 1

We then drove to the Mt. Shasta Vista Point stop going across to Route 97 on the A12 road. After lunch at the Vista Point we saw:

Western Sooty Hairstreak – 6
Nelson's Juniper Hairstreak – 10
Square-spotted Blue (Glaucous) – 2
Common Ringlet – 3
Boisduval's Blue – 2

We then got over to Bolam Road again at 2:50pm and stayed until 4pm seeing:

Leanira Checkerspot – 201+ (quite a few less than on the 14th)
California Hairstreak – 1
Common Ringlet – 10
Behr's Hairstreak – 1
Nelson's Juniper Hairstreak – 9
Western Pine Elfin – 5
Snowberry Checkerspot – 1
Echo Spring Azure – 3
California Tortoiseshell – 1
Lorquin's Admiral – 1
Northern Checkerspot – 3

We left Bolam Road at 4pm and stopped in Weed (1 California Gull and 20+ Ring-billed Gulls at the McDonalds).

Got to a Comfort Inn in Redding, CA, at 5:45pm and had dinner at a nearby Logan's Roadhouse.

73 trip species
25 day species
8 lifers
55 bird species

June 19, 2018 – Today we left Redding and drove south to the spot in Willows that we had visited on the 14th where it was 81 degrees in the sun and we saw:

Small Checkered Skipper – 1 (quick look at a worn dark individual)
Common Checkered Skipper – 7
Common Sootywing – 1
Sonoran Skipper – 1

We then stopped at the Sacramento River NWR a few miles south of Willows at 10:30am and looked around for 2 hours. It was 83 degrees in the sun. At the pay station we found a colony of Small Checkered Skippers in various stages of condition. They had checked wide white fringes and were very small. Also found 2 near the visitor's center. At the Refuge we saw;

Small Checkered Skipper – 25
Woodland Skipper – 1
Fiery Skipper – 5+
Mylitta Crescent – 3
Gray Hairstreak – 1
Common Ringlet – 1
Cabbage White – 100+
Eastern Tailed-Blue - 1
Western Pygmy-Blue – 1
Purplish Copper – 1
Acmon Blue – 1
Orange Sulphur – 1
Sandhill Skipper - 1

We drove around the auto drive (6 miles in length) where we saw many of the butterflies listed above. We also saw lots of waterfowl (many more than I would have thought at this time of year), 4 Jackrabbits and a family of Ring-necked Pheasants (lifer #665 for Holly tying her with Mark! – boy did we hear about it). For other birds we saw:

Clark's Grebe – 2
Pied-billed Grebe – many
American Coot – many
Common Moorhen – several
Ruddy Duck – 2
Bufflehead – 1 (female)
Gadwall – several
Mallards – many
Canada Goose – many
Snow Goose – 1
Black-necked Stilt – 3
Cinnamon Teal – several (including bright males)
Yellow-headed Blackbirds
Red-winged Blackbirds
Western Kingbirds
Red-tailed Hawks
Turkey Vultures
Savannah Sparrow – 2
Unidentified small hawk

Lunch at a Subway in Willows and then we drove Routes 5 to 505 to 680 to 880 to a Motel 6 in San Jose near the airport where Frank and I stayed the night. Dinner at Denny's nearby. Mark and Holly went on to the Monterey area and saw a Moss's Elfyn south of Monterey the next day.

For me:

79 trip butterfly species
17 day species
8 lifers
71 bird species

Caveat: The numbers are only what I saw and counted. The numbers certainly reflect an undercount of almost all species where there were more than 5 seen.

Many thanks to Jim Brock for all his advice concerning this trip. As usual his spots were productive.

Many thanks to Chris Tenney for spending a part of 2 days with us and leading us to the Oreas and Unsilvered targets. I doubt we would have found them without you.

Many thanks to Rob Santry for spending June 15 with us and leading us to all the hot spots where we picked up numerous lifers. And for his medical skills!

Hope to see all of you in the field soon.

Steve Moore
Barb620@theworld.com
508-393-9251 (home)



Gray Marble (*Anthocharis lanceolata*), 6/15/18,
Ashland, OR, Frank Model

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

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Send NABA Fourth of July count results to Bill Callahan at:

billc@massbutterflies.org, 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:

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Eastern Tailed-Blue (*Everes comyntas*)
8/31/18, Shrewsbury, MA, Bruce deGraaf



Mourning Cloak (*Nymphalis antiopa*),
4/12/18, Lincoln, MA, Linda Graetz