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The **REDSTART**

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JANUARY, 2017



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Named in honor of A. B. Brooks, Naturalist

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Editorial Staff

Editor • Casey Rucker, P.O. Box 2, Seneca Rocks, WV 26884 • autoblock@frontiernet.net

Associate Editor • Ryan Tomazin, 348 Station St., Apt. 7, Bridgeville, PA 15017 • wwwarblers@hotmail.com

Field Notes Editor • Casey Rucker, P.O. Box 2, Seneca Rocks, WV 26884 • autoblock@frontiernet.net

Advisory Editorial Board • A. R. Buckelew, Jr., Greg E. Eddy, Joey Herron, Matthew Orsie, James D. Phillips

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The Bird List, 2016 Foray Tucker County, West Virginia

Ryan Tomazin

The 77th annual Brooks Bird Club Foray was held at Camp Kidd north of Parsons, Tucker County, West Virginia, June 13 to 21, 2016. This was the eighth Foray held in Tucker County. The territory is widely varied, including a lower elevation river valley, upland swamp and marsh habitat, and open grasslands. There were 132 bird species found at the 2016 Foray, the most species ever for this Foray, outpacing 2006 (Buckelew 2007) by one species. New species for the Tucker County Foray were Great Horned Owl, Northern Saw-whet Owl (the second straight year having this owl), and Merlin. We failed to find American Woodcock, Common Nighthawk, Clay-colored and Vesper Sparrow, and Pine Siskin, all found in 2011 (Buckelew 2012). Two Prairie Warblers were found in Canaan Valley by member Casey Rucker during an independent survey not related to Foray, so they were not counted in the species total.

On the list breeding evidence is indicated in italics. Abundance terms used in the bird list are as follows:

Very common—Seen in large numbers every day in all appropriate habitats.

Common—Seen in appropriate habitat every day without any special effort.

Uncommon—Seen in appropriate habitat only with a lot of effort.

Rare—Only one or two seen in the entire study region during the study period.

Canada Goose — Common.

Wood Duck — Rare. A male and female seen at Olson Bog by many.

Mallard — Common.

Common Merganser — Common. *Tom Fox saw two females and 14 young on Black Fork River in Hendricks.*

Ruffed Grouse — Common in habitat. Seen on road to Olson Bog (*including with three young*), Dolly Sods, and *Rt. 219 with three chicks.*

Wild Turkey — Common. *Lori Petruski, et. al., had a hen and three poults on the road at Dolly Sods, and Alma Lowry noted two hens and 24 chicks on a Breeding Bird Survey.*

Rock Pigeon — Common.

Mourning Dove — Very common.

Black-billed Cuckoo — Uncommon. Noted in a handful of places, but with the seventeen-year cicadas irrupting northwest of the Foray location, that might explain the absence.

Yellow-billed Cuckoo — Common. More noted than with the Black-billed Cuckoo, but not as many as in northern locations with irrupting cicadas.

Whip-poor-will — Uncommon. One was heard on CR 5 on a BBS route by R. Tomazin, Wilma Jarrell and Sharon Kearns. Another flew up from the side of Rt. 32 just before the bridge in Davis, seen by O. Metheny and R. Tomazin. In total, three were noted on BBS routes.

Chimney Swift — Common.

Ruby-throated Hummingbird — Common.

Killdeer — Common. *R. Tomazin found one chick at D&T Trucking in Parsons.*

Spotted Sandpiper — Rare. One seen on the Cheat River canoe trip by O. Metheny and T. Fox.

Great Blue Heron — Uncommon. Mostly seen as fly-overs.

Green Heron — Common. Plentiful on the Cheat River canoe trip.

Black Vulture — Uncommon. Mainly seen in the central and southeast quadrant of the county.

Turkey Vulture — Common.

Bald Eagle — Uncommon. Three different birds, including two adults, were seen by all on the Cheat River canoe trip.

Sharp-shinned Hawk — Rare. One seen hunting over Jonathan Mountain by Orion Metheny and Ryan Tomazin.

Coopers Hawk — Rare. One seen flying near camp by O. Metheny and R. Tomazin.

Red-shouldered Hawk — Rare. Only found the last day. One calling near Fairfax Stone Road, and a pair at Blackwater Gorge, with both sightings coming from R. Tomazin, O. Metheny, Larry Metheny, and Zanon Sines.

Broad-winged Hawk — Common. *O. Metheny noted a nest near camp.*

Red-tailed Hawk — Common.

Eastern Screech-Owl — *Adult and juvenile found one evening on CR 5 north of St. George by R. Tomazin, O. Metheny and Z. Sines.* The same adult was heard earlier in the week on a BBS route by R. Tomazin, Wilma Jarrell, and Sharon Kearns.

Great Horned Owl — Rare. One reported, but no notes as to where.

Barred Owl — Uncommon. T. Fox had one vocalizing northwest of camp, and *R. Tomazin, O. Metheny, and Z. Sines had three adults and two juveniles at one location in Canaan Valley State Park late one night.*

Northern Saw-whet Owl — Rare. R. Tomazin called one in on Canaan Heights Road late at night that O. Metheny and Z. Sines heard.

Belted Kingfisher — Common. Plentiful on the Cheat River canoe trip.

Red-headed Woodpecker — One seen at camp by all as we readied to caravan to Canaan Valley. First RHWO at this Foray since 1960.

Red-bellied Woodpecker — Common.

Yellow-bellied Sapsucker — Common in habitat. Most common woodpecker on BBS routes with 36 found on route, and a good number found after the end of a couple of routes.

Downy Woodpecker — Common.

Hairy Woodpecker — Common.

Northern Flicker — Common. A total of 21 heard on BBS routes.

Pileated Woodpecker — Common. A total of 21 heard on BBS routes.

American Kestrel — Uncommon. Four noted, including one hunting over Northland Loop Bog on Dolly Sods.

Merlin — Rare. One was very visible to all from the deck at Canaan Valley Resort Lodge, both flying and perched.

Eastern Wood-Pewee — Common.

Acadian Flycatcher — Common.

Alder Flycatcher — Common in habitat. Heard on Dolly Sods by A. R. Buckelew, Jr. and T. Fox. Found on territory in and around Thomas and Davis by R. Tomazin, O. Metheny, and L. Metheny.

Willow Flycatcher — Rare. Wil Hershberger heard a couple at the Freeland Boardwalk in Canaan Valley National Wildlife Refuge.

Least Flycatcher — Uncommon.

Eastern Phoebe — Common. Total of 47 heard on BBS routes

Great Crested Flycatcher — Uncommon.

Eastern Kingbird — Common, but not terribly abundant.

White-eyed Vireo — Rare. One heard at camp, and one on a BBS route.

Yellow-throated Vireo — Uncommon. More heard near Cheat River than anywhere else.

Blue-headed Vireo — Common.

Warbling Vireo — Rare. Two reports, including one at the St. George Bridge, heard by O. Metheny and J. Jacobs.

Red-eyed Vireo — Very common. Total of 296 heard on BBS routes, the most common species.

Blue Jay — Common.

American Crow — Very common.

Common Raven — Common. Seen often.

Purple Martin — Rare. One male seen flying over camp by W. Jarrell.

Northern Rough-winged Swallow — Common. Lower elevation waterways held good numbers of this species.

Bank Swallow — Rare. Two at the St. George Bridge, seen by R. Tomazin and O. Metheny.

Cliff Swallow — Common in habitat. *Breeding at St. George Bridge*, and seen at camp by many.

Barn Swallow — Common.

Black-capped Chickadee — Common.

Tufted Titmouse — Common. A total of 64 heard on BBS routes.

Red-breasted Nuthatch — Common in habitat. Found on Dolly Sods, in the Blackwater Falls area, at Olson Bog, and four were found at a power line cut on the way to Fairfax Stone (R. Tomazin, O. Metheny, and L. Metheny).

White-breasted Nuthatch — Common.

Brown Creeper — Uncommon.

House Wren — Common.

Winter Wren — Uncommon. Heard each day, but with effort.

Carolina Wren — Uncommon. Only 10 heard on BBS routes.

Blue-gray Gnatcatcher — Common, but not in numbers.

Golden-crowned Kinglet — Common in habitat. Several located on Dolly Sods (A. R. Buckelew, Jr.), numerous at Blackwater Falls.

Eastern Bluebird — Common.

Veery — Common. A total of 55 heard on BBS routes.

Hermit Thrush — Common.

Wood Thrush — Common. A total of 101 found on BBS routes.

American Robin — Very common.

Gray Catbird — Common.

Brown Thrasher — Common.

Northern Mockingbird — Uncommon. Bordering on rare, with only 3 being reported with ample habitat.

Cedar Waxwing — Common.

House Sparrow — Common.

House Finch — Uncommon.

Purple Finch — Uncommon. At least six sightings.

American Goldfinch — Common.

Ovenbird — Common. A total of 45 individuals on BBS routes made this our third-most common warbler.

Worm-eating Warbler — Uncommon. Four birds heard, all on BBS.

Louisiana Waterthrush — Common. Not heard on many creeks, but 3–4 along the Cheat River on the canoe trip.

Northern Waterthrush — Uncommon. Heard at Olson Bog and Blackwater Gorge by R. Tomazin and O. Metheny.

Golden-winged Warbler — Rare. One individual seen and heard two miles uphill from the town of Leadmine, on the edge of a cleared area, by R. Tomazin, O. Metheny, and Bob Pickett.

Blue-winged Warbler — Rare. One individual heard two miles uphill from the town of Leadmine, in the middle of a cleared area, by R. Tomazin, O. Metheny, and Bob Pickett. Heard further off while watching the GWWA.

Black-and-white Warbler — Common. Plentiful on BBS routes.

Mourning Warbler — Uncommon. Two in Fernow Forest (W. Jarrell), and two on Rt. 25, found on a BBS singing in the company of a bear cub by R. Tomazin and O. Metheny.

Kentucky Warbler — Rare. One heard on BBS on Rt. 1 north of St. George by R. Tomazin, O. Metheny, Johanna Sholder, and Mark Elliott.

Common Yellowthroat — Common.

Hooded Warbler — Common.

American Redstart — Common. A total of 50 found on BBS routes, second-most for warblers.

Cerulean Warbler — Uncommon. A total of 9 found on BBS routes, and a few heard in the northwest quadrant of Tucker Co.

- Northern Parula** — Common. Oddly common on ridges and in clear cut areas (R. Tomazin).
- Magnolia Warbler** — Common.
- Blackburnian Warbler** — Uncommon in habitat.
- Yellow Warbler** — Common.
- Chestnut-sided Warbler** — Common. Quite common on BBS and in habitat (R. Tomazin).
- Black-throated Blue Warbler** — Common. Several on Mozark Mountain singing male census (A. R. Buckelew, Jr.).
- Pine Warbler** — Rare. One at the campfire circle that everyone heard, and one on a BBS in the Leadmine area, found by O. Metheny and R. Tomazin.
- Yellow-rumped Warbler** — Common in habitat. Found by many on Dolly Sods, Olson Bog, Canaan Heights and Blackwater Falls, among other places.
- Yellow-throated Warbler** — Common in habitat. Along the Cheat River and surrounding areas.
- Black-throated Green Warbler** — Common. Our most common BBS route warbler with 58 instances.
- Canada Warbler** — Common in habitat. Otter Creek, Mozark Mountain and Olson Bog all had singing males.
- Yellow-breasted Chat** — Rare. W. Jarrell, Janice and Scott Emrick, et al, heard one on Rt. 5 at a clear cut area.
- Eastern Towhee** — Very common. A total of 96 on BBS routes.
- Chipping Sparrow** — Very common.
- Field Sparrow** — Common.
- Savannah Sparrow** — Common wherever there was habitat, especially in Canaan Valley.
- Grasshopper Sparrow** — Uncommon. Canaan Valley was their main locale.
- Henslow's Sparrow** — Rare. One night-singing bird (midnight) at the fields across from Freeland Road in the Canaan Valley NWR (R. Tomazin, O. Metheny, and Z. Sines) was heard by all the next morning. The other was heard at the Beall Tract in the NWR by many.
- Song Sparrow** — Very common. A total of 100 heard on BBS routes.
- Swamp Sparrow** — Common in habitat. Many in the marshes in Canaan Valley, and also found in swamps north of Thomas.
- Dark-eyed Junco** — Common. *Two young with parents seen on Shingletree Trail by Mimi Kibler, Sally Egan, and M. Elliott.*
- Scarlet Tanager** — Common. A total of 66 found on BBS routes.
- Northern Cardinal** — Common.
- Rose-breasted Grosbeak** — Common.
- Indigo Bunting** — Very common. A total of 96 found on BBS runs.
- Bobolink** — Common.
- Red-winged Blackbird** — Common.

Eastern Meadowlark — Uncommon. At least one found each day, but in very small numbers for the amount of habitat.

Common Grackle — Common.

Brown-headed Cowbird — Common.

Orchard Oriole — Rare. One seen above St. George Bridge by John Jacobs, two on one BBS route by R. Tomazin, O. Metheny, and B. Pickett.

Baltimore Oriole — Uncommon.

Thanks to the many Foray campers who took the time to put their observations in the bird comment books.

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Buckelew, A. R., Jr. 2007. The 2006 Foray Bird Report. *Redstart* 74:2–9.

348 Station Street, Apt. 7
Bridgeville, PA 15017



Bald Eagle flyover during the Cheat River canoe trip. Photo by Ryan Tomazin

The Singing Male Census, 2016 Foray Tucker County, West Virginia

A. R. Buckelew, Jr.

The Mozark Mountain plot was surveyed for singing male territories again in 2016; however, due to a shortage of experienced leaders, only the center two 15-acre plots were run side-by-side, making the total area surveyed 30 acres rather than 60. The Mozark Mountain plot was established in 1991 and repeated in 1996, 2001, 2006, and 2011. See Buckelew (2012), Eddy (1997, 2002, 2007) and Johnson (1992). A comparison of the 2016 census results with the five previous studies on this plot can be seen in Table 1. Although interesting, the comparison of 2016 data with past data may not be valid since the 2016 census covered only half of the plot surveyed in past studies on Mozark Mountain.

MOZARK MOUNTAIN (Yellow Birch-Black Cherry-Red Maple)—Location: West Virginia; Tucker County; 8 miles NE of Parsons on Backbone Mountain; SE corner is 39° 06' 34" N, 79° 35' 45" W. Mozark Mountain Quadrangle, USGS, the south edge extends N 10° E. Continuity: Established 1991; Size 12.14 ha. = 30 acres (rectangular, 220 x 660 yards). Description of Plot: See *Redstart* 59:22–24. Coverage: June 14 to June 19, 2016. All trips between 0535 and 0735 hours EDT. Total party hours: 21.

Census: Ovenbird, 9 (74, 30); Black-throated Green Warbler, 4 (33, 13); Black-throated Blue Warbler, 3 (25, 10); Canada Warbler, 3; Blue-headed Vireo, 2 (16, 7); Red-eyed Vireo, 2; Hermit Thrush, 2; Magnolia Warbler, 2; Dark-eyed Junco, 2; Black-capped Chickadee, 1; Winter Wren, 1; Veery, 1; American Robin, 1; Scarlet Tanager, 1; Yellow-bellied Sapsucker, +; Hairy Woodpecker, +; Pileated Woodpecker, +; Blue Jay, +; Red-breasted Nuthatch, +; Brown Creeper, +; Cedar Waxwing, +; Eastern Towhee, +; Rose-breasted Grosbeak, +; Indigo Bunting, +. Total: 24 species; 34 territorial males (139/sq. km., 112/100 acres). Remarks: The plot was run as two separate, side-by-side, 110 x 660 yards, 15-acre plots, which were combined and compiled as one 30-acre plot by Albert Buckelew. Scott Emrick compiled and ran one 15-acre plot, and Albert Buckelew compiled and ran the other. By running the middle two plots out of the original four only, the original 15-acre plot with the heaviest rhododendron and the original 15-acre plot closest to the edge of an area planted in forbs and grasses for game were eliminated. The weather was sunny and warm most days, 50 to 64 degrees F at 0535. The census was not run on June 17 due to heavy rain that morning. Census participants: A. R. Buckelew, Jr., Robert Dean, Scott Emrick, Nicholas Goodman, Michael Jones, Lori Petruski, Robert Pickett, and Jason West.

Table 1
 Mozark Mountain
 Males with More Than Three Territories per 100 Acres

| Species | Year | | | | | |
|-----------------------------|------|------|------|------|------|------|
| | 1991 | 1996 | 2001 | 2006 | 2011 | 2016 |
| Red-eyed Vireo | 35 | 16 | 22 | 18 | 12 | 7 |
| Black-throated Gr. Warbler | 17 | 8 | 29 | 15 | 12 | 13 |
| Ovenbird | 10 | 19 | 14 | 12 | 13 | 30 |
| Dark-eyed Junco | 10 | 9 | 17 | 18 | 12 | 7 |
| Black-throated Blue Warbler | 8 | 7 | 6 | 7.5 | 12 | 10 |
| Veery | 5 | ¾ | 7 | 10 | ¾ | 10 |
| Hermit Thrush | 5 | 5 | 9 | 13 | 5 | — |
| Blue-headed Vireo | 5 | 6 | 6 | 6 | 7 | 7 |
| Canada Warbler | 5 | 9 | 5 | 15 | 7 | 10 |
| Magnolia Warbler | — | — | — | — | — | 7 |
| Total Species | 25 | 23 | 28 | 28 | 28 | 24 |
| Total Territories/100 acres | 122 | 87 | 122 | 125 | 102 | 112 |

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111 Logan Ct.
 Bethany, WV 26032

The 2016 Foray Breeding Bird Surveys Tucker County, West Virginia

Carol McCullough and Frederick McCullough

A total of 2,906 individual birds of 96 species were counted on 11 separate Breeding Bird Survey routes during the 2016 Foray. Each route begins a half hour before sunrise and usually consists of 20 stops made a half mile apart; however this year two routes made only 19 stops. All birds observed in 3 minutes are recorded at each stop. There were two teams this Foray. One was coordinated by Ryan Tomazin and the other by the authors.

Beginning in 1991 the BBC has held six Forays at Camp Kidd in Tucker County. Until the 2016 Foray each Foray witnessed a decreasing number of birds observed on the Breeding Bird Surveys. But the 2016 Foray showed a halt in the steady decline. Instead it had a large increase. Many of the same roads were covered in all six Forays.

Table 1
Birds Recorded by Species

| Species | Number | Stops Present |
|---------------------------|--------|---------------|
| Canada Goose | 3 | 2 |
| Mallard | 1 | 1 |
| Wild Turkey | 6 | 4 |
| Mourning Dove | 75 | 51 |
| Yellow-billed Cuckoo | 5 | 5 |
| Black-billed Cuckoo | 3 | 3 |
| Eastern Whip-poor-will | 3 | 3 |
| Ruby-throated Hummingbird | 17 | 15 |
| Killdeer | 1 | 1 |
| Great Blue Heron | 1 | 1 |
| Turkey Vulture | 2 | 2 |
| Eastern Screech-owl | 1 | 1 |
| Belted Kingfisher | 2 | 2 |
| Red-bellied Woodpecker | 15 | 15 |
| Yellow-bellied Sapsucker | 36 | 26 |
| Downy Woodpecker | 8 | 8 |
| Hairy Woodpecker | 19 | 15 |
| Northern Flicker | 21 | 17 |
| Pileated Woodpecker | 21 | 17 |
| American Kestrel | 1 | 1 |
| Eastern Wood-Pewee | 30 | 29 |
| Acadian Flycatcher | 69 | 53 |
| Least Flycatcher | 10 | 8 |
| Eastern Phoebe | 47 | 41 |
| Great Crested Flycatcher | 7 | 7 |
| Eastern Kingbird | 4 | 4 |

| Species | Number | Stops Present |
|-------------------------|--------|---------------|
| White-eyed Vireo | 1 | 1 |
| Yellow-throated Vireo | 8 | 8 |
| Blue-headed Vireo | 16 | 16 |
| Red-eyed Vireo | 296 | 156 |
| Blue Jay | 30 | 24 |
| American Crow | 139 | 73 |
| Common Raven | 8 | 8 |
| Tree Swallow | 4 | 3 |
| Barn Swallow | 41 | 9 |
| Black-capped Chickadee | 29 | 22 |
| Tufted Titmouse | 64 | 58 |
| White-breasted Nuthatch | 24 | 23 |
| Brown Creeper | 4 | 4 |
| House Wren | 27 | 21 |
| Winter Wren | 10 | 8 |
| Carolina Wren | 10 | 10 |
| Blue-gray Gnatcatcher | 10 | 7 |
| Golden-crowned Kinglet | 2 | 2 |
| Eastern Bluebird | 11 | 9 |
| Veery | 55 | 38 |
| Hermit Thrush | 15 | 13 |
| Wood Thrush | 101 | 69 |
| American Robin | 175 | 88 |
| Gray Catbird | 49 | 41 |
| Brown Thrasher | 12 | 10 |
| Northern Mockingbird | 1 | 1 |
| European Starling | 120 | 11 |
| Cedar Waxwing | 35 | 18 |
| House Sparrow | 6 | 2 |
| House Finch | 1 | 1 |
| Purple Finch | 1 | 1 |
| American Goldfinch | 40 | 28 |
| Ovenbird | 45 | 33 |
| Worm-eating Warbler | 4 | 4 |
| Louisiana Waterthrush | 23 | 20 |
| Black-and-white Warbler | 39 | 35 |
| Mourning Warbler | 3 | 2 |
| Kentucky Warbler | 1 | 1 |
| Common Yellowthroat | 42 | 40 |
| Hooded Warbler | 40 | 33 |
| American Redstart | 50 | 34 |
| Cerulean Warbler | 9 | 6 |
| Northern Parula | 20 | 19 |
| Magnolia Warbler | 17 | 16 |
| Blackburnian Warbler | 5 | 4 |

| Species | Number | Stops Present |
|------------------------------|--------|---------------|
| Yellow Warbler | 15 | 9 |
| Chestnut-sided Warbler | 39 | 23 |
| Black-throated Blue Warbler | 24 | 22 |
| Pine Warbler | 1 | 1 |
| Yellow-throated Warbler | 8 | 5 |
| Black-throated Green Warbler | 58 | 44 |
| Canada Warbler | 10 | 7 |
| Eastern Towhee | 96 | 81 |
| Chipping Sparrow | 73 | 41 |
| Field Sparrow | 24 | 20 |
| Savannah Sparrow | 1 | 1 |
| Song Sparrow | 100 | 67 |
| Swamp Sparrow | 2 | 1 |
| Dark-eyed Junco | 36 | 28 |
| Scarlet Tanager | 66 | 50 |
| Northern Cardinal | 66 | 52 |
| Rose-breasted Grosbeak | 23 | 20 |
| Indigo Bunting | 96 | 71 |
| Bobolink | 10 | 4 |
| Red-winged Blackbird | 48 | 27 |
| Eastern Meadowlark | 5 | 3 |
| Common Grackle | 22 | 4 |
| Brown-headed Cowbird | 17 | 13 |
| Orchard Oriole | 2 | 2 |
| Baltimore Oriole | 13 | 12 |

Birds Recorded on the BBS at Six Tucker County Forays

| | | | |
|--------------|-------------------|-----------|----------------------|
| 6/14-22/1991 | 3,587 individuals | 260 stops | 13.80 birds per stop |
| 6/14-22/1996 | 2,796 individuals | 240 stops | 11.65 birds per stop |
| 6/08-16/2001 | 3,246 individuals | 280 stops | 11.59 birds per stop |
| 6/09-17/2006 | 2,673 individuals | 240 stops | 11.14 birds per stop |
| 6/11-19/2011 | 2,211 individuals | 220 stops | 10.05 birds per stop |
| 6/13-21/2016 | 2,906 individuals | 218 stops | 13.33 birds per stop |

Table 2 lists the 15 most abundant species recorded on the 11 BBS routes and compares this with the prevalence of these species on the previous five Forays at this site.

Table 2
Most Abundant Species

| | Abundance Rank | | | | | Species | No. for 2016 | Percent of Total Individuals | | | | |
|----|----------------|------|------|------|------|----------------------|--------------|------------------------------|-------|-------|-------|------|
| | 1991 | 1996 | 2001 | 2006 | 2011 | | | 2016 | 2006 | 2001 | 1996 | 1991 |
| 1 | 1 | 1 | 1 | 1 | 1 | Red-eyed Vireo | 296 | 10.9% | 11.8% | 11.6% | 13.9% | |
| 5 | 2 | 2 | 2 | 2 | 2 | American Robin | 175 | 8.3% | 6.7% | 8.1% | 5.4% | |
| 3 | 4 | 3 | 4 | 3 | 3 | American Crow | 139 | 4.7% | 4.4% | 5.1% | 6.0% | |
| 9 | 7 | 5 | 3 | 4 | 4 | European Starling | 120 | 4.1% | 3.5% | 3.3% | 3.0% | |
| 2 | 3 | 6 | 6 | 8 | 5 | Wood Thrush | 101 | 3.4% | 3.7% | 6.2% | 6.4% | |
| 7 | 8 | 8 | 10 | 11 | 6 | Song Sparrow | 100 | 2.8% | 3.4% | 2.5% | 3.4% | |
| 6 | 10 | 7 | 7 | 5 | 7 | Eastern Towhee | 96 | 3.2% | 2.7% | 2.4% | 3.4% | |
| 4 | 5 | 3 | 4 | 7 | 7 | Indigo Bunting | 96 | 4.2% | 5.4% | 4.8% | 6.0% | |
| 24 | 14 | 16 | 17 | 19 | 9 | Mourning Dove | 75 | 1.9% | 1.7% | 2.0% | 1.1% | |
| 8 | 6 | 9 | 8 | 6 | 10 | Chipping Sparrow | 73 | 2.9% | 3.0% | 3.8% | 3.0% | |
| 15 | 13 | 14 | 14 | 9 | 11 | Acadian Flycatcher | 69 | 2.1% | 2.1% | 2.2% | 1.6% | |
| 10 | 9 | 5 | 9 | 10 | 12 | Scarlet Tanager | 66 | 2.8% | 4.1% | 2.5% | 2.4% | |
| 13 | 11 | 13 | 13 | 22 | 12 | Northern Cardinal | 66 | 2.2% | 2.1% | 2.3% | 1.9% | |
| 18 | 36 | 16 | 22 | 26 | 14 | Tufted Titmouse | 64 | 1.4% | 1.7% | 0.8% | 1.5% | |
| 32 | 14 | 12 | 15 | 18 | 15 | Black-th Green Wrblr | 58 | 2.0% | 2.3% | 2.0% | 0.9% | |

Table 3 indicates the 10 most widely distributed species found on the 218 stops on the 11 BBS routes and compares this with the previous five Forays in Tucker County.

Table 4
Most Widely Distributed Species

| | Distribution Rank | | | | | Species | Stops | | | | | Percent of Total Stops | | | | |
|----|-------------------|------|------|------|------|--------------------|-------|---------|-------|-------|-------|------------------------|-------|------|--|--|
| | 1991 | 1996 | 2001 | 2006 | 2011 | | 2016 | Present | 2016 | 2011 | 2006 | 2001 | 1996 | 1991 | | |
| 1 | 2 | 1 | 1 | 1 | 1 | 1 | 156 | 71.6% | 60.5% | 68.3% | 76.7% | 46.2% | 81.5% | | | |
| 5 | 3 | 3 | 4 | 2 | 2 | Red-eyed Vireo | 88 | 40.4% | 41.8% | 34.6% | 40.3% | 44.5% | 47.3% | | | |
| 8 | 9 | 8 | 5 | 3 | 3 | American Robin | 81 | 37.2% | 32.7% | 31.7% | 27.1% | 23.7% | 26.5% | | | |
| 4 | 5 | 4 | 3 | 4 | 4 | Eastern Towhee | 73 | 33.5% | 32.3% | 38.8% | 38.5% | 34.5% | 48.0% | | | |
| 2 | 3 | 2 | 2 | 5 | 5 | American Crow | 71 | 32.6% | 30.5% | 41.3% | 50.0% | 44.5% | 54.2% | | | |
| 3 | 1 | 6 | 6 | 9 | 6 | Indigo Bunting | 69 | 31.7% | 21.4% | 29.6% | 34.6% | 47.5% | 52.3% | | | |
| 7 | 8 | 7 | 7 | 13 | 7 | Wood Thrush | 67 | 30.7% | 17.3% | 27.1% | 31.0% | 25.8% | 27.6% | | | |
| 13 | 23 | 15 | 17 | 20 | 8 | Song Sparrow | 58 | 26.6% | 12.3% | 15.4% | 18.2% | 8.3% | 17.7% | | | |
| 15 | 12 | 13 | 13 | 7 | 9 | Tufted Titmouse | 53 | 24.3% | 24.1% | 19.6% | 20.4% | 19.6% | 16.2% | | | |
| 11 | 11 | 12 | 12 | 17 | 10 | Acadian Flycatcher | 52 | 23.9% | 14.5% | 21.3% | 20.7% | 20.0% | 21.5% | | | |
| | | | | | | Northern Cardinal | | | | | | | | | | |

We thank the following people who participated in one or more of the survey routes: Natalie Diener, Greg Eddy, Sally Egan, Mark Elliott, John Fichtner, Dawn Fox, Thomas Fox, Nicholas Goodman, Mary Grey, Wilma Jarrell, Sharon Kearns, Mimi Kibler, Alma Lowry, Carol McCullough, Frederick McCullough, Lawrence Metheny, Orion Metheny, Jane Oswald, Lori Petruski, Robert Pickett, Johanna Sholder, Zanon Sines, Ryan Tomazin, and Jason West.

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1119 Queensbury Street
Pittsburgh, PA 15205

Lepidoptera of the 2016 Foray Tucker County, West Virginia

Cheryl Jennings

SWALLOWTAIL FAMILY - *Papilionidae*

Pipevine Swallowtail (*Battus philenor*)
Black Swallowtail (*Papilio polyxenes*)
Eastern Tiger Swallowtail (*Papilio glaucus*)
Spicebush Swallowtail (*Papilio troilus*)

GOSSAMER WING FAMILY - *Lycaenidae*

Summer Azure (*Celastrina*)

SULFUR FAMILY - *Pieridae*

Cabbage White (*Pieris rapae*)
Orange Sulfur (*Colias eurythhehme*)

BRUSHFOOT FAMILY - *Nymphalidae*

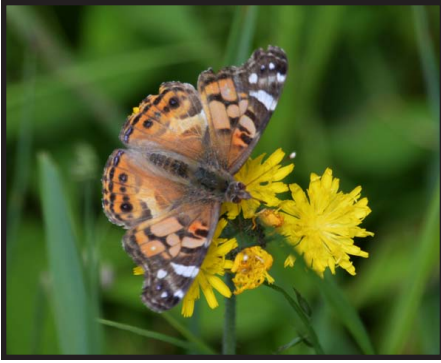
Great Spangled Fritillary (*Speyeria Cybele*)
Silvery Checkerspot (*Chiosyne nycteis*)
Pearl Crescent (*Phyciodes tharos*)
Baltimore Checkerspot (*Euphydryas phaeton*)
Question Mark (*Polygonia interrogationis*)
Mourning Cloak (*Nymphalis antipopa*)
Red Admiral (*Vanessa Atalanta*)
American Lady (*Vanessa virginiensis*)
Red-spotted Purple (*Limenitis arthemis*)
Monarch (*Danaus plexippus*)
Little Wood-satyr (*Megisto cymela*)

SKIPPER FAMILY - *Hesperiidae*

Silver-spotted Skipper (*Epargyreus clarus*)
Wild Indigo Duskywing (*Erynnis baptisia*)
Least Skipper (*Ancyloxypha numitor*)
European Skipper (*Thymelicus lineola*)
Hobomok Skipper (*Poanes hobomok*)
Sachem (*Atalopedes campestris*)

Thanks for everyone's sightings, and especially for photos of hard-to-identify species.

30 Wild Hare Road
Harpers Ferry, WV 25425



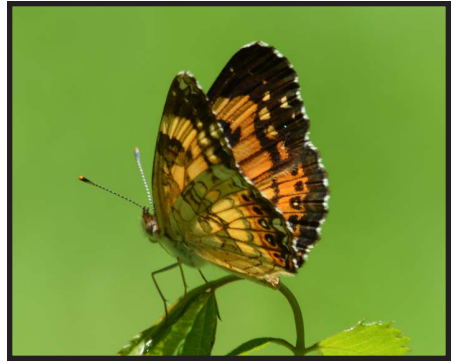
American Lady on Rattlesnake Hawkweed



Great Spangled Fritillary



*Spicebush Swallowtail deutzia or
Fuzzy Pride-of-Rochester*



Checkerspot



Sulphur on Orange Hawkweed



Wood Satyr on forest litter

Photos by Natalie Diener

Reptiles and Amphibians of the 2016 Foray Tucker County, West Virginia

Jason West

CLASS AMPHIBIA Order Caudata-Salamanders

Common Mudpuppy (*Necturus m. maculosus*)
Northern Dusky Salamander (*Desmognathus fussus*)
Eastern Red-backed Salamander (*Plethodon cinereus*)
Northern Spring Salamander (*Gyrinophilus p. porphyriticus*)
Northern Red Salamander (*Pseudotriton r. ruber*)
Northern Two-lined Salamander (*Eurycea bislineata*)

Order Salienta – Toads and Frogs

Eastern American Toad (*Anaxyrus a. americanus* formerly *Bufo a. americanus*)
Bull Frog (*Lithobates catesbeianus* formerly *Rana catesbeiana*)
Northern Green Frog (*Rana clamitans melanota*)

CLASS REPTILIA Order Testudines-Turtles

Eastern Snapping Turtle (*Chelydra s. serpentina*)
Eastern Box Turtle (*Terrapene c. carolina*)
Painted Turtle (*Chrysemys picta*)
Red-eared Turtle (*Trachemys scripta elegans*)
Eastern Spiny Softshell (*Apalone s. spinifera*)

Order Serpentes -Snakes

Common Watersnake (*Nerodia s. sipedon*)
Eastern Gartersnake (*Thamnophis s. sirtalis*)

244 Wildwood Lake Rd.
Morgantown, WV 26508

Mammals of the 2016 Foray, Tucker County, West Virginia

Larry Metheny and Orion Metheny

We are grateful for the many reports of mammals that we received during the Camp Kidd Foray. Several campers reported Black Bears this Foray. It was especially exciting to have the photographs that Lori Petruski took of a young porcupine on the Canyon Rim Trail.

CLASS MAMMALIA

Order Marsupialia

Family Didelphidae—Opossums

Virginia Opossum (*Didelphia virginiana*)

Order Insectivora

Family Talpidae—Moles

Eastern Mole (*Scalopus aquaticus*)

Order Rodentia

Family Sciuridae—Squirrels

Eastern Chipmunk (*Tamias striatus*)

Woodchuck (*Marmota monax*)

Gray Squirrel (*Sciurus carolinensis*)

Fox Squirrel (*S. niger*)

Red Squirrel (*Tamiasciurus hudsonicus*)

Family Castoridae—Beaver

Beaver (*Castor Canadensis*)

Family Muridae—Mice and Rats

Muskrat (*Ondatra zibethicus*)

Family Erethizontidae—New World Porcupines

Common Porcupine (*Erethizon dorsatum*)

Order Lagomorpha

Family Leporidae—Rabbits and Hares

Eastern Cottontail (*Sylvilagus floridana*)

Order Carnivora

Family Canidae—Wolves, Dogs, and Foxes

Red Fox (*Vulpes vulpes*)

Coyote (*Canis latrans*)

Family Ursidae—Bears

Black Bear (*Ursus americanus*)

Family Procyonidae—Raccoons
Common Raccoon (*Procyon lotor*)
Family Mephitidae—Skunks
Striped Skunk (*Mephitis mephitis*)

Order Artiodactyla

Family Cervidae—Even-toed Ungulates
White-tailed Deer (*Odocoileus virginianus*)

10639 N. Preston Hwy
Bruceton Mills, WV 26525

Fungi of the 2016 Foray Tucker County, West Virginia

Ryan Tomazin

The Foray area this year had experienced hot and dry weather for a while, and the quick storms we got did not improve the numbers of species or quantity thereof.

Platterful Mushroom, Broad Gill (*Tricholomopsis platyphylla*)
Marasmius capillaris
Berkeley's Polypore (*Bondarzewia berkeleyi*)
Artist Conk (*Ganoderma applanatum*)
"Pale" Sulphur Shelf, Chicken-of-the-Woods (*Laetiporus cincinnatus*)
Crack-capped Polypore (*Phellinus robineae*)
Tinder Polypore (*Fomes fomentarius*)
Birch Polypore (*Piptoporus betulinus*)
Turkey Tail (*Trametes versicolor*)
Hemlock Varnish Shelf (*Ganoderma tsugae*)
Violet Toothed Polypore (*Trichaptum biforme*)
Polyporus varius

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348 Station Street, Apt. 7
Bridgeville, PA 15017

Flowering Plants of the 2016 Foray Tucker County, West Virginia

Richard L Diener

The 2016 BBC Foray was the eighth Foray conducted in Tucker County. The first Foray in June of 1951 with 60 persons attending was headquartered at Davis. Their coverage was partly in the lowlands of the drainage area of the Cheat River and the Shavers Fork, but primarily concentrated in the mountainous region in the eastern half of the study area. The plant list for the Foray of 1951 was published in a separate Foray report. During the following Forays, starting in June of 1960, they were headquartered at Camp Kidd, and extensive plant lists were included in their respective *Redstart* reports. The attendance exceeded 100 persons at some of these Forays. Excellent descriptions of the history, topography, geology and vegetation of Tucker County can be reviewed in the *Redstart* publications from the 1960 to 1991 Forays.

The nomenclature used in this report was taken from the *Checklist and Atlas of the Vascular Flora of West Virginia* (2006). The first column in the list below includes the current scientific names of the families and species, and the superscript after the species name indicates the origin of each species. The key to the species origin is also shown below. The second column lists the accepted common names of the families and species.

Species Origin:

Native (N) – A species considered to have occurred in West Virginia prior to European settlement, and that still occurs naturally within the state.

Adventive (A) - A species native to North America north of Mexico prior to European settlement, which is not native to West Virginia, nor has been intentionally introduced, but is now growing in the state.

Introduced (I) - A species native to North America north of Mexico, which has been intentionally planted in West Virginia, and is now escaped and surviving without cultivation.

Exotic (E) – A species occurring without cultivation in the state that is not native to North America north of Mexico.

Rare Plants Tracked By The West Virginia Natural Heritage Program:

West Virginia Division of Natural Resources dated 7 Jan 2016

S1, G1 Critically Imperiled species in the state or globally

S2, G2 Imperiled species in the state or globally

S3, G3 Vulnerable species in the state or globally

S4, G4 Apparently Secure – Uncommon but not rare

S5, G5 Common, widespread and abundant

S4 or S5 Species not tracked by the WV Natural Heritage Program

The S1, S2, & S3 designations are included in the species listing below where applicable. The S4 and S5 species are not designated in the table below.

Species worthy of special mention are:

Orontium aquaticum (Golden Club) A small colony is located among the beaver dams in the Olson Bog.

Platanthera grandiflora (Large Purple Fringed Orchid) A tall specimen of this plant in full bloom was observed along the Otter Creek trail.

Pogonia ophioglossoides (Beard Flower or Rose Pogonia) A sizable area of more than 100 blooming plants were observed in the Olson Bog.

Spiranthes lucida (Wideleaved Ladies' Tresses) More than 100 blooming plants of this orchid were seen and photographed a short distance below the Olson Observation Tower. They are in a wet seepage area, which is around 50 feet long and widening out to about 20 feet at the rocky roadway leading to the Observation Tower.

Coptis trifolia (Goldthread) Seen near the boardwalk on Dolly Sods.

Trifolium stoloniferum (Running Buffalo Clover) This plant requires traffic to reduce competition for growing space, such as buffalo or cattle trampling on a consistent basis. Most of this kind of traffic is no longer present; thus, Running Buffalo Clover has become a rare plant in the state. A small colony persists along the Zero Grade Trail in the Fernow Experimental Forest.

Sibbaldiopsis tridentata (Threetoothed Cinquefoil) Numerous plants on Dolly Sods.

Orobanche minor (European Broomrape) – In 2011, 15 plants were located along approximately 100 feet of a fence row. This location is along State Road 72 about 3.9 miles north of Red Creek. In 2016, only one plant was located, and it is on the opposite side of the road.

Juniperus horizontallis (Creeping Juniper or Savinier) A healthy looking strip of this Juniper was observed at the base of the Olson Observation Tower. This plant has not been recorded in West Virginia previously. A specimen has been sent to the West Virginia University Herbarium for verification.

Andromeda polifolia var. *glaucophyllia* (Bog Rosemary) A single shrub was observed in the Olson Bog within a few feet of the shrub cluster *Chamaedaphne calyculata* (Leatherleaf). This plant was reported in the Olson Bog by William Grafton in 2007; thus, this record is not included in Harmon et al. The only other record for the species in West Virginia is from the Cranberry Glades of Pocahontas County. A specimen has been sent to the West Virginia University Herbarium. (See *Chamaedaphne calyculata* below)

Calluna vulgaris (Heather) A native of Europe, and its presence in Tucker County cannot be explained. A colony is located along A-Frame Road at the elevation 3309 feet.

Chamaedaphne calyculata (Leatherleaf or Cassandra) A single shrub cluster was seen in the Olson Bog just a few feet from *Andromeda polifolia* var. *glaucophyllia*. The shrub cluster is about 3 feet in diameter and 2.5 feet in height. This plant was reported in Olson Bog by William Grafton in 2007; thus, this record is not included in Harmon et al. There is no other record of the species in West Virginia. A specimen has been sent to the West Virginia University Herbarium for verification.

Gaultheria hispida (Creeping Snowberry) This plant was seen in a bog along the Cannan Loop Road.

All the plants identified in the list below were collected from June 13 through June 21, 2016. The habitats of Tucker County have not changed significantly during the latter few Forays. With that conclusion, the species listed in the table below are limited to the species not listed in the 2006 and 2011 Tucker County Foray reports. There are some exceptions

for species of special interest. Much of the collecting and identification effort was concentrated in three plant families. These families are: Poaceae (grasses), Cyperaceae (sedges), and Juncaceae (rushes). The total number of species listed is 110. Of that total 98 species are herbaceous, 11 are trees and shrubs, and 1 is a woody vine.

The Brooks Bird Club members who contributed to the collection and identification are: Tom and Dawn Fox, A. R. Buckelew Jr., Bob Pickett, Nick Goodman, Natalie Diener, and Dick Diener. Also many thanks to the other BBC members that contributed to the varied collection of plant specimens.

Flowering Plants of the 2016 Foray Not Listed at the 2006 and 2011 Tucker County Forays

Herbaceous Plants

ALISMATACEAE

Sagittaria latifolia^N

POACEAE

Alopecurus myosuroides^E

Anthoxanthum odoratum ssp. *odoratum*^E

Arrhenatherum elatius var. *elatius*^E

Bromus ciliatus var. *ciliatus*^N

Bromus japonicus^E

Bromus secalinus^E

Calamagrostis stricta^N (S1, G5)

Cinna arundinacea^N

Dactylis glomerata^E

Danthonia compressa^N

Dichanthelium boscii^N

Dichanthelium clandestinum^N

Dichanthelium dichotomum^N

Dichanthelium latifolium^N

Elymus hystrix var. *hystrix*^N

Festuca trachyphylla^E

Glyceria melicaria^N

Glyceria septentrionalis^N

Glyceria striata^N

Holcus lanatus^E

Lolium perene ssp. *multiflorum*^E

Lolium pratense^E

Milium effusum var. *cisatlanticum*^N

Phalaris arundinacea^N

Phleum pratense^E

Poa alsodes^N

Poa annua^E

Poa palustris^E

Poa pratensis^E

Poa sylvestris^N

WATER PLANTAIN FAMILY

Duck Potato, Wapato

GRASS FAMILY

Foxtail

Sweet Vernal Grass

Tall Oat Grass

Fringed Broomegrass

Japanese Broomegrass

Chess, Cheat

Reedgrass

Wood Reedgrass

Orchard Grass

Mountain Oatgrass, Allegheny Flyback

Bosc's Panic Grass

Deertongue Panic Grass

Bushy Panic Grass

Broadleaved Panic Grass

Bottlebrush Grass

Hard Fescue

Manngrass

Eastern Manngrass

Fowl Manngrass

Velvet Grass

Italian Rye Grass

Meadow Fescue

Millet Grass

Reed Canary Grass

Timothy Grass

Bluegrass

Annual Bluegrass

Fowl Bluegrass

Kentucky Bluegrass

Sylvan Bluegrass

Poa trivialis^E
Sphenopholis intermedia^N
Sphenopholis pensylvanica^N
Vulpia myuros^E

CYPERACEAE

Carex annectens^N
Carex argyrantha^N
Carex atlantica ssp. atlantica^N
Carex baileyi^N
Carex cristatella^N
Carex debilis var. rudgei^N
Carex echinata ssp. echinata^N
Carex festucacea^N
Carex folliculata^N
Carex gracillima^N
Carex granularis^N

Carex gynandra^N
Carex hystericina^N
Carex laevivaginata^N
Carex leptalea ssp. leptalea^N
Carex lurida^N
Carex oligocarpa^N
Carex prasina^N
Carex projecta^N
Carex radiata^N
Carex rosea^N
Carex scabrata^N
Carex scoparia var. scoparia^N
Carex tribuloides^N
Carex utriculata^N

Carex vulpinoides^N
Eleocharis acicularis var. acicularis^N
Eleocharis obtusa^N
Eleocharis tenuis var. tenuis^N
Schoenoplectus pungens var. pungens^N
Schoenoplectus purshianus^N (S3, G4G5)
Schoenoplectus tabernaemontani^N
Scirpus atrovirens^N
Scirpus cyperinus^N
Scirpus lineatus^N

ARACEAE

Orontium aquaticum^N

Rough Bluegrass
Slender Wedgegrass
Pennsylvania Wedgegrass
Fescue

SEDGE FAMILY

Yellowfruit Sedge
Hay Sedge
Prickly Bog Sedge, Eastern Sedge
Bailey's Sedge
Crested Sedge
Whiteedge Sedge
Star Sedge
Fescue Sedge
Northern Long Sedge
Graceful Sedge
Limestone Meadow Sedge,
Meadow Sedge
Nodding Sedge
Porcupine Sedge
Smoothsheath Sedge
Bristlystalk Sedge
Sallow Sedge
Fewfruited Sedge
Drooping Sedge
Necklace Sedge
Eastern Star Sedge
Rosy Sedge, Stellate Sedge
Rough Sedge
Pointed Broom Sedge
Blunt Broom Sedge
Northwest Territory Sedge,
Beaked Sedge
Foxtail Sedge
Needle Spikerush
Blunt Spikerush
Slender Spikerush
Threesquare
Clubrush, Bulrush
Great Rush
Black Rush
Woolgrass
Drooping Bulrush

ARUM FAMILY

Golden Club

JUNCACEAE

Juncus biflorus^N (S2, G5)
Juncus effuses var. *solutus*^N
Juncus tenuis^N

ORCHIDACEAE

Platanthera grandiflora^N
Platanthera lacera^N
Pogonia ophioglossoides^N (S2, G5)
Spiranthes lucida^N (S1S2, G5)

POLYGONACEAE

Polygonum aviculare^E

CARYOPHYLLACEAE

Cerastium glomeratum^E

CRASSULACEAE

Hylotelephium telephioides^N

RANUNULACEAE

Coptis trifolia^N (S2, G5)

FABACEAE

Trifolium stoloniferum^N (S3, G3)

ROSACEAE

Dalibarda repens^N (S3, G5)
Sibbaldiopsis tridentata^N (S2, G5)

GERANIACEAE

Geranium robertianum^N

EUPHORBIACEAE

Euphorbia cyparissias^E
Euphorbia purpurea^N (S2, G3)

CLUSIACEAE

Hypericum perforatum^E

LAMIACEAE

Mentha arvensis^N
Scutellaria elliptica var. *elliptica*^N
Stachys tenuifolia^N (S3, G5)

OROBANCHACEAE

Orobanche minor^E

RUSH FAMILY

Bog Rush
Common Rush, Lamp Rush
Path Rush, Yard Rush, Wiregrass

ORCHID FAMILY

Large Purple Fringed Orchid
Ragged Fringed Orchid
Beard Flower, Rose Pogonia
Wideleaved Ladies' Tresses,
Shining Ladies' Tresses

BUCKWHEAT FAMILY

Knotweed

PINK FAMILY

Sticky Chickweed

ORPINE FAMILY

Wild Liveforever

CROWFOOT FAMILY

Goldthread

PEA FAMILY

Running Buffalo Clover

ROSE FAMILY

Star Violet, Robin-Run-Away
Three-Toothed Cinquefoil

GERANIUM FAMILY

Herb Robert

SPURGE FAMILY

Cypress Spurge, Graveyard Weed
Glade Spurge

ST. JOHN'SWORT FAMILY

Common St. John'swort

MINT FAMILY

Wild Mint, Field Mint
Hairy Scullcap
Smooth Hedgenettle

BROOMRAPE FAMILY

European Broomrape

ASTERACEAE

Anaphalis margaritacea^N

Centaurea biebersteinii^E

Eurybia schreberi^N

Gamochaeta purpurea^N

Helianthus helianthoides var. *helianthoides*^N

ASTER FAMILY

Pearly Everlasting

Spotted Knapweed

Schreber's Aster

Purplish Cudweed

Oxyeye Daisy

Trees And Shrubs

CUPRESSACEAE

Juniperus horizontalis^E

CYPRESS FAMILY

Creeping Juniper, Savinier

SALICACEAE

Salix alba^E

WILLOW FAMILY

White Willow

HYDRANGEACEAE

Deutzia scabra^E

HYDRANGEA FAMILY

Fuzzy Pride-Of-Rochester, Hydrangea

RUTACEAE

Ptelea trifoliata^N

RUE FAMILY

Common Hoptree, Hoptree, Wafer Ash

HIPPOCASTANACEAE

Aesculus hippocastanum^E

BUCKEYE FAMILY

Horse Chestnut

ERICACEAE

Andromeda polifolia var. *glaucophyllia*^N (S1, G5)

Calluna vulgaris^E

Chamaedaphne calyculata^E

Gaultheria hispidula^N (S3, G5)

Rhododendron arborescens^N

HEATH FAMILY

Bog Rosemary

Heather

Leatherleaf, Cassandra

Creeping Snowberry

Smooth Azalea, White Honeysuckle

CAPRIFOLIACEAE

Viburnum recognitum^N

HONEYSUCKLE FAMILY

Smooth Arrowwood

Woody Vines

SOLANACEAE

Solanum dulcamara var. *dulcamara*^E

NIGHTSHADE FAMILY

Bittersweet, Bittersweet Nightshade

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4260 Village Dr., Apt. 116
Kissimmee, FL 34746



Shining Ladies' Tresses



Rose Pogonia



Large Purple Fringed Orchid



Heather



Running Buffalo Clover

Photos by Natalie Diener

Weather at the 2016 Foray

Adrienne Salm

| Date | Temperature | | Precipitation | |
|---------|-------------|----|---------------|-----|
| | AM | PM | AM | PM |
| June 14 | 54 | 78 | 0 | |
| June 15 | 66 | 82 | 0 | |
| June 16 | 66 | 76 | 0.085 | 0.2 |
| June 17 | 66 | 76 | 0.68 | 0 |
| June 18 | 63 | 84 | 0 | |
| June 19 | 61 | 84 | 0 | |
| June 20 | 63 | 79 | 0 | |

244 Wildwood Lake
Morgantown, WV 26508



Clouds right after a strong thunderstorm passes through camp. Photo by Ryan Tomazin

2016 FORAY PARTICIPANTS

Kelly Bowyer, A. R. Buckelew, Jr., Brynn Buckley, Don Creamer, Sara Creamer, Bob Dean, Dick Diener, Natalie Diener, Greg Eddy, Sally Egan, Mark Elliott, Janice Emrick†, Scott Emrick, John Fichtner, Dawn Fox, Tom Fox, Nick Goodman*, Mary Grey, Wil Hershberger, Aden Hubbard, John Jacobs, Mary Jacobs, Wilma Jarrell, Cheryl Jennings, Michael Jones, Sharon Kearns, Mimi Kibler, Alma Lowry, Carol McCullough, Fred McCullough, Larry Metheny, Orion Metheny*, Lori Petruski*, Bob Pickett, Chan Robbins, Jane Robbins, Adrienne Salm, Johanna Sholder, Zanon Sines*, Alicia Sidlo, Auggie Sidlo*, Ryan Tomazin†, and Jason West.

Speakers, field trip leaders and guests included Mary Beth Adams, Kyle Aldinger, Nick Goodman, Michael and Carrie Kline, Laura Farwell, Mack Franz, Wil Hershberger, Michael Jones, Darrin Kelly, Lori Petruski.

*Scholarship

†Director



Foray Participants. Photo by A. R. Buckelew, Jr.

Field Notes
Summer Season
June 1 – August 31, 2016

Casey Rucker

On June 23, storms brought torrential rains and a tornado across central West Virginia, leading to 23 deaths, thousand-year floods in parts of Fayette, Greenbrier, and Nicholas Counties, and heavy flood damage in Clay, Jackson, Kanawha, and Roane Counties as well. June was the 13th-wettest on record in West Virginia, according to the Northeast Regional Climate Center at Cornell University. Precipitation was about average during the next two months, with July slightly wetter and August slightly drier. June and July were warmer than normal, and it was the hottest August statewide since 1900.

These notes were gathered from the National Audubon Society sponsored West Virginia Bird Listserv, and from field notes submitted to the editor by e-mail and regular mail. The full content of the submitted notes by the contributors to the WV Listserv may be viewed by visiting the archives at the following web site: <http://list.audubon.org/archives/wv-bird.html>. Sightings from the Brooks Bird Club Foray held at Camp Kidd near Parsons, Tucker County, from June 13 to 21, may be found elsewhere in this issue of *The Redstart*.

On August 6, Gary Rankin found a **Piping Plover** at Gallipolis Ferry, Mason County, and the bird was observed through August 18 by Michael Griffith, David Patick, Joshua Holland, John Boback, Michael Slaven, Joey Herron, and Terry Bronson. There were 187 species reported in 35 West Virginia counties this season; it should be noted that many breeding birds are not reported in summer.

Ducks and Geese – West Virginia birders observed six species of **waterfowl** this summer season, in addition to the **Canada Geese**, **Wood Ducks**, and **Mallards** making their customary appearances on breeding grounds throughout the state. On August 20, Steven Wilson flushed two **Blue-winged Teal** at Kimsey Run Dam, Hardy County. Terry Bronson and Michael Slaven saw a single **Northern Shoveler** at Tygart Lake State Park, Taylor County, on August 31. Joey Herron saw a **Northern Shoveler** on August 17 at Prickett's Fort State Park, Marion County, where he reported that Joseph Hildreth had seen seven **Common Mergansers** on the same day. Wilma Jarrell saw a **Lesser Scaup** and a **Bufflehead** near Hannibal Dam, Wetzel County, on June 2. Herb Myers spotted a **Ruddy Duck** at Canaan Valley State Park, Tucker County, on June 4, and on the next day he saw a female **Common Merganser** with seven ducklings on the Dry Fork River near Harman, Randolph County. **Common Mergansers** also appeared in Hardy (DG), Jefferson (BT), and Tucker (R_{Bi}, R_{To}) Counties.

Bobwhites – Hullet Good found a **Northern Bobwhite** family of three on June 8 alongside Buff Lick in eastern Kanawha County. On July 8, Rodney Davis heard his first **Northern Bobwhite** in many years near Farlea, Greenbrier County.

Grouse and Turkeys – **Ruffed Grouse** reports came only from Pocahontas (R_{Bi}, GR) and Tucker (CR, R_{To}) Counties. Observers reported **Wild Turkeys** in only seven counties.

Grebes – On August 23, Richard Gregg saw a **Pied-billed Grebe** on the Kanawha River in Belle, Kanawha County, and on August 31 Terry Bronson and Michael Slaven found a **Pied-billed Grebe** at Pleasant Creek Wildlife Management Area, Barbour County.

Pigeons and Doves – Rock Pigeons again drew little interest from West Virginia birders this summer, occasioning reports from only three counties. Kathy King hosted a **Eurasian Collared-Dove** at her feeders near Moorefield, Hardy County, on August 15, and Diane Holsinger got a view of the bird on the next day. **Mourning Doves** continue to reside throughout the state.

Cuckoos – Reports of **cuckoos** were up this summer, as **Yellow-billed Cuckoos** prompted reports in twelve counties, and contributors reported **Black-billed Cuckoos** in five counties. Both **Yellow-billed** and **Black-billed Cuckoos** were very common as they enjoyed the cicadas in Hullet Good's forest in Milliken, Kanawha County during June, but they departed in early July when the feasting was over. Ryan Tomazin had a close encounter with a **Black-billed Cuckoo** at Castleman Run Lake, Ohio County, at a Brooks Bird Club picnic on July 10.

Goatsuckers and Swifts – Six **Common Nighthawks** were new yard birds for Le-Jay Graffious near Bruceton Mills, Preston County, on August 26. **Common Nighthawk** reports also came from Fayette (SWi), Grant (LeJ), Hardy (DH), Jefferson (WS, EK), Kanawha (LC), Marion (JoH), Mercer (JJP), Putnam (CE, KK), Randolph (RB), Summers (JJP), Tucker (LeJ), and Wetzel (WJ) Counties. Kevin Campbell once again enjoyed one or more **Chuck-will's-widows** during early June near Parkersburg, Wood County, as reported by Jerry Westfall. **Eastern Whip-poor-wills** inspired reports from only five counties. **Chimney Swifts** were reported in nine counties this summer: Jefferson (JBz, EK, DHa), Kanawha (LC), Marion (JoH), Mercer (JP), Monongalia (JBo, TB), Pocahontas (RBi), Preston (TB), Tucker (RTo), and Wetzel (WJ). On August 12, Joette Borzik helped count 1,360 **Chimney Swifts** at Shepherd University, Jefferson County, the largest number on record for so early a date; and on August 22 Elliot and Nancy Kirschbaum participated in counting 1,760 **Chimney Swifts** at the same location.

Hummingbirds – Birders in 13 counties reported sightings of **Ruby-throated Hummingbirds** this summer.

Cranes. – A **Sandhill Crane** visited a residence in Franklin, Pendleton County, on June 1.

Plovers – The **Piping Plover** sightings at Gallipolis Ferry, Mason County, in August are described at the beginning of these notes. Michael Griffith found the first southwardly-migrating **Semipalmated Plover** of the year at Gallipolis Ferry, Mason County, on July 29, and there was a **Semipalmated Plover** in the same location on August 21 and 29 (GR, MG, DP). **Killdeer** appeared in reports from eleven counties.

Sandpipers and Phalaropes – West Virginia birders reported members of ten **sandpiper** species this summer, mainly during migration season in August. **Sandpipers** were reported in the following counties by the contributors listed: **Stilt Sandpiper**: Barbour (TB, MSI), **Sanderling**: Monongalia (JBo), **Least Sandpipers**: Mason (GR, MG, DP) and Taylor (TB, MSI), **Semipalmated Sandpipers**: Mason (GR, MG, SWi) and Monongalia (TB), **Wilson's Snipe**: Preston (TB), **American Woodcock**: Doddridge (PMD), Tucker (DG), Wayne (GR), and Wetzel (WJ), **Spotted Sandpipers**: Marion (JoH), Mason (GR, MG, DP, SWi, TB), Mercer (JP), Randolph (RBi), Summers (JP), Taylor (TB), and Tucker (RTo), **Solitary Sandpipers**: Grant (DH), Hardy (DH), Kanawha (HG, RG), Marion (JoH), Monongalia (TB), Preston (TB), Summers (JP), and Taylor (TB), **Greater Yellowlegs**: Mason (MG, GR, DP), and **Lesser Yellowlegs**: Mason (GR, MG, DP) and Taylor (TB, MSI). On July 17, Peter McDonald had an unaccustomed visit by an **American Woodcock** on his property in Doddridge County.

Gulls and Terns – The two **gull** reports of the season were a single **Ring-billed Gull** spotted by Wilma Jarrell near Hannibal Dam, Wetzel County, on August 11, and six **Herring Gulls** seen by Gary Rankin and Michael Griffith at Robert C. Byrd Locks and Dam, Mason County, on June 18. **Caspian Terns** made appearances at Robert C. Byrd Locks and Dam, Mason County, on August 14 (JBo, MS1) and 18 (MG). On August 12 and 13, **Black Terns** appeared on the Ohio River in Huntington, Cabell County, as witnessed by Gary Rankin, Joshua Holland (obtaining a life bird), David Patick, and Michael Slaven. Steven Wilson saw five **Black Terns** at Summersville Lake Marina, Nicholas County on August 15, and on August 21 Gary Rankin, Michael Griffith, and David Patick spotted two **Black Terns** as well as five **Forster's Terns** at Robert C. Byrd Locks and Dam, Mason County. Wilma Jarrell discovered a **Common Tern** below Hannibal Dam, Wetzel County, on June 2.

Loons – On June 2, Donny Good saw a **Common Loon** on the South Fork of the Potomac River in Hardy County. Michael Griffith saw a **Common Loon** at Robert C. Byrd Locks and Dam, Mason County, on June 3, an apparent lingerer since mid-May, and the bird remained at least until June 18, when it was seen by Gary Rankin. Steven Wilson found a **Common Loon** at Summersville Lake Marina, Nicholas County on August 13.

Cormorants – Reports of **Double-crested Cormorants** came from Jefferson (DH), Mason (GR, MG, DP), Putnam (KK), and Tucker (JBo, MS1, HMy) Counties.

Pelicans – Michael Wine saw a flock of forty **American White Pelicans** flying in formation down the Ohio River next to Parkersburg, Wood County, on August 22, as reported by Richard and Jeanette Esker. Two days later, Deborah Hale saw a formation of ten **American White Pelicans** flying over her home in Harpers Ferry, Jefferson County.

Bitterns, Herons and Egrets – On June 2 the author of these notes flushed an **American Bittern** in Canaan Valley National Wildlife Refuge, Tucker County. Gary Rankin and Michael Griffith saw a female **Least Bittern** at Green Bottom Wildlife Management Area, Cabell County, on June 18. **Great Blue Herons** and **Green Herons** continued to appear throughout much of the state. **Great Egrets** appeared in Cabell County (MG), Hardy County (MJ, DH, SWi), Mason County (TB), Preston County (TB), and Summers County (JJP). A juvenile **Little Blue Heron** visited Robert C. Byrd Locks and Dam, Mason County, from August 7 to 28, as seen by David Patick, Michael Griffith, Gary Rankin, John Boback, Michael Slaven, and Terry Bronson. Gretchen Nareff watched a pair of **Black-crowned Night Herons** calling as they flew over Stonewall Jackson Lake, Lewis County, on June 7.

Ibises: Diane Holsinger discovered a **Glossy Ibis** feeding with a **Green Heron** at South Mill Creek Lake, Grant County, on August 7.

Vultures – Birders in six counties reported **Black Vultures**, and twelve counties boasted **Turkey Vulture** reports. Donny Good saw an albino **Turkey Vulture** circling with three other **Turkey Vultures** near the intersection of I-79 and US-19 in Braxton County on June 9.

Hawks and Eagles – **Ospreys** and **Bald Eagles** were reported throughout the state, generally in small numbers. **Northern Harriers** occasioned reports only in Tucker County (JBo, CR, HMy, LC) this summer. Once again, **accipiters** inspired few reports this summer, with **Sharp-shinned Hawk** sightings from Monroe (JP), Summers (JJP), Tucker (RTo, CR), and Wetzel (WJ) Counties, and observations of **Cooper's Hawks** in Kanawha (EM, HG), Mason (GR, MG, DP), Monongalia (TB), Summers (JP), and

Tucker (RTo) Counties. The author of these notes watched a calling **Northern Goshawk** ride a thermal above Dry Fork, Tucker County, on August 18. Birders in many parts of the state reported **Red-shouldered Hawks**, **Broad-winged Hawks**, and **Red-tailed Hawks**.

Owls – Owl reports were down this summer compared to last year. Richard Bailey reported a *clutch of seven* **Barn Owl chicks** in Mineral County on June 20. Sarah Anderson heard a *juvenile* **Great Horned Owl**, her first yard owl, calling in Canaan Valley, Tucker County, on July 13. Birders in the following counties reported: **Eastern Screech-Owls**: Jefferson (JBz), Summers (JJP), Tucker (RTo), and Wetzel (WJ); **Great Horned Owls**: Summers (JP) and Tucker (SAn); **Barred Owls**: Kanawha (LC, BW, MH), Monongalia (TB), Summers (JJP), Tucker (HMy, RTo, SAn), Wayne (GR), and Wetzel (WJ); and **Northern Saw-Whet Owl**: Tucker (RTo).

Kingfishers – There were reports of Belted Kingfisher in only eight West Virginia counties this summer.

Woodpeckers – Reports of **Red-headed Woodpecker** came from Jefferson (DHa, JBz), Ritchie (LC), and Tucker (RTo) Counties. **Red-bellied Woodpeckers**, **Downy Woodpeckers**, **Hairy Woodpeckers**, **Northern Flickers**, and **Pileated Woodpeckers** all appeared in their usual habitats. Once again, the most sparsely-reported **woodpecker** was **Yellow-bellied Sapsucker**, with two Tucker County reports, one by Ryan Tomazin on June 25 and the other by Herb Myers on June 29.

Falcons – **American Kestrels** inspired reports in seven West Virginia counties this summer: Jefferson (JBz), Kanawha (RG), Mason (GR, MG, DP), Preston (TB), Taylor (TB), Tucker (RTo), and Wetzel (WJ). Birders reported **Merlins** in Hardy (SWi, DH), Pocahontas (DP), and Tucker (RTo, LC) Counties. Gary Rankin and Michael Griffith reported on June 18 that an adult **Peregrine Falcon** was again on the Point Pleasant Bridge in Mason County, and there was another sighting on August 21 (GR, MG, DP). On August 10, Paul McKay watched a **Peregrine Falcon** flying through Wheeling, Ohio County. James Phillips spotted a juvenile **Peregrine Falcon** in Hinton, Summers County, on August 15.

Flycatchers – John Boback (June 11) and Gary Rankin (July 30) observed one or more **Olive-sided Flycatchers** near the Cranberry Glades Visitor Center, Pocahontas County. **Eastern Wood-Pewees**, **Acadian Flycatchers**, **Eastern Phoebes**, and **Eastern Kingbirds** were all widely reported in West Virginia. Rodney Bartgis and Robert Dean discovered a **Yellow-bellied Flycatcher** near Onego, Pendleton County, on August 24. The following birds were reported in the counties and by the contributors listed: **Alder Flycatchers**: Pocahontas (GR) and Tucker (RTo), **Willow Flycatchers**: Cabell (GR, MG), Monongalia (TB), Pocahontas (RBi), Preston (TB), Taylor (TB), and Tucker (RBi, RTo), **Least Flycatchers**: Pocahontas (RBi) and Tucker (RBi), and **Great Crested Flycatchers**: Jefferson (DHa, BH, JBz), Kanawha (HG), Mason (TB), Pocahontas (RBi), Summers (JJP), and Tucker (RTo).

Shrikes – On July 19, Richard Bailey reported a bumper year for **Loggerhead Shrike** sites, with nine active breeding sites in the Greenbrier Valley, Greenbrier, Monroe, and Pocahontas Counties.

Vireos – **White-eyed**, **Yellow-throated**, and **Red-eyed Vireos** appeared in nesting grounds throughout the state. **Blue-headed Vireo** reports were scantier than usual, only coming from Pocahontas (RBi), Preston (TB), Randolph (HMy), and Tucker (HMy, LC, CR, RBi) Counties. **Warbling Vireos** inspired reports from Jefferson (DHa), Kanawha (HG), Taylor (TB), and Tucker (RTo) Counties.

Crows, Jays, and Ravens – **Blue Jays**, **American Crows**, and **Common Ravens** were reported in their usual territories. Jefferson County once again hosted the only **Fish Crows** reported in West Virginia this summer, as seen on three occasions by Deborah Hale.

Swallows – **Purple Martins** prompted reports from Berkeley County (JBz), Jefferson County (DHa, JBz), Kanawha County (RG), Mason County (TB, GR, MG), Mercer County (TB), Tucker County (RTo), and Wetzell County (WJ). **Tree Swallows**, **Northern Rough-winged Swallows**, **Cliff Swallows**, and **Barn Swallows** were the subject of many summer reports in West Virginia. **Bank Swallows** were only seen in Mason County (GR, MG, DP) and Tucker County (RTo).

Paridae – **Carolina** and **Black-capped Chickadees** occasioned few reports in their bifurcated territories in West Virginia. **Tufted Titmice** were widely reported throughout the state.

Nuthatches – **Red-breasted Nuthatches** appeared in reports from Pocahontas (RBi), Preston (TB), and Tucker (RTo, CR) Counties. **White-breasted Nuthatches** were the subject of many reports this season.

Creepers – West Virginia's only reports of **Brown Creepers** this season were from Pocahontas (RBi), Preston (TB), and Tucker (RTo) Counties.

Wrens – **House Wrens** and **Carolina Wrens** appeared in reports from many parts of the state. **Winter Wrens** were reported in Preston (TB) and Tucker (RTo, CR, LC) Counties.

Gnatcatchers – Reports of **Blue-gray Gnatcatchers** in their usual breeding grounds came from locations throughout the state.

Kinglets – **Golden-crowned Kinglets** were reported only in Tucker County (RTo, CR).

Thrushes – Five breeding species of **thrush** appeared in West Virginia reports this summer. **Eastern Bluebirds**, **Wood Thrushes**, and **American Robins** were again seen throughout the state. Reports of **Veery** came from Randolph (CR, HMy) and Tucker (RTo, RBi, CR) Counties, of **Swainson's Thrush** from Tucker County (RTo), and of **Hermit Thrush** from Pocahontas (GR), Preston (TB), Randolph (HMy), and Tucker (RTo, CR, LC) Counties.

Mockingbirds and Thrashers – **Gray Catbirds**, **Brown Thrashers**, and **Northern Mockingbirds** prompted reports from breeding grounds throughout the state.

Starlings – **European Starlings** continued to occupy widespread habitats throughout our state.

Waxwings – **Cedar Waxwings** inspired many West Virginia birders this summer, with reports from fourteen counties.

Weaver Finches – The **House Sparrow** continues throughout the state, despite reports from only five counties.

Finches and Allies – **House Finches** did not draw the attention of many birders this summer, with reports only from five counties. **Purple Finches** inspired reports from Pocahontas (JJP) and Tucker (CR, RTo) Counties. **Red Crossbills** continued at the Cranberry Glades Nature Center, Pocahontas County, as observed by James and Judy Phillips on June 5. During the second half of August a lone **Pine Siskin** visited the feeders of Bruni Haydl in Charles Town, Jefferson County. **Pine Siskin** reports also came from Randolph County (HMy) and Summers County (JJP). **American Goldfinches** were reported widely throughout the state.

Warblers – West Virginia birders reported 28 species of warblers this season. Warbler species reported in five or fewer counties are listed below with the counties and contribu-

tors. Species simply listed were reported in at least six counties. Our summer warblers included **Ovenbird**, **Worm-eating** – Berkeley (PS), Monongalia (LS), Pocahontas (RBi), Preston (TB), and Wetzel (WJ), **Louisiana Waterthrush**, **Northern Waterthrush** – Jefferson (BT) and Tucker (RTo), **Golden-winged** – Kanawha (HG), Monroe (RBi), and Tucker (RTo), **Blue-winged**, **Black-and-white**, **Prothonotary** – Jefferson (DHa), **Tennessee** – Mason (GR, MG), **Mourning** – Tucker (RTo), **Kentucky** – Marion (TB, JoH), Monongalia (TB), Preston (TB), Randolph (HMy), and Tucker (RTo), **Common Yellowthroat**, **Hooded**, **American Redstart**, **Cerulean**, **Northern Parula**, **Magnolia** – Mason (GR, MG), Preston (TB), and Tucker (RTo, RBi, CR, LC), **Blackburnian** – Mason (GR, MG), Pocahontas (RBi), Preston (TB), and Tucker (RBi, RTo, CR), **Yellow**, **Chestnut-sided** – Mason (GR, MG), Preston (TB), Tucker (RBi, CR), and Wetzel (WJ), **Black-throated Blue** – Monongalia (TB), Pocahontas (RBi), Preston (TB), and Tucker (RTo, RBi), **Pine** – Pocahontas (RBi), **Yellow-rumped** – Tucker (RTo, CR), **Yellow-throated**, **Prairie** – Kanawha (HG), Mason (GR, MG), Monongalia (LS), Putnam (GR, MG), and Tucker (CR), **Black-throated Green** – Mercer (JJP), Pocahontas (RBi), Preston (TB), and Tucker (RBi, RTo, CR), **Canada** – Berkeley (PS), Pocahontas (RBi, GR), and Tucker (DCo, RTo), **Yellow-breasted Chat** – Barbour (TB), Jackson (CE), Mason (TB), Randolph (HMy), and Tucker (RTo). From June 15 to 18 Hullet Good hosted a singing **Cerulean Warbler** on his property in Milliken, Kanawha County, for the first time in 20 years. On a rainy July 3, Laura Ceperley and Beverly Wright enjoyed close-up views of a **Louisiana Waterthrush**, an **American Redstart**, and a **Yellow-throated Warbler** from a shelter in Kanawha State Forest, Kanawha County.

Towhees, Sparrows and Juncos – **Eastern Towhees**, **Chipping Sparrows**, **Field Sparrows**, and **Song Sparrows** were all widely reported in West Virginia this summer. Derek Courtney detected two **Clay-colored Sparrows** at Canaan Valley NWR, Tucker County, during the first weekend in June. The following **sparrows** were reported only in the counties listed: **Savannah** in Pocahontas (RBi), Preston (TB), and Tucker (RTo, LC), **Grasshopper** in Jefferson (DHa) and Tucker (CR, RTo), **Henslow's** in Tucker (CR, RTo), **Swamp** in Tucker (RTo, LC), and **Dark-eyed Junco** in Preston (TB) and Tucker (RBi, RTo, HMy, CR, LC).

Tanagers, Cardinals, Grosbeaks and Buntings – Hullet Good listened to a **Summer Tanager** singing during June at Coonskin Park, Kanawha County. Gretchen Nareff found a *juvenile Summer Tanager* at the Elk River Wildlife Management Area, Braxton County, on July 2. **Scarlet Tanagers**, **Northern Cardinals**, **Rose-breasted Grosbeaks**, and **Indigo Buntings** prompted numerous reports from birders in most parts of the state. On June 11, Paul Saffold watched a **Northern Cardinal** *feeding a juvenile Brown-headed Cowbird* in his yard in Inwood, Berkeley County. **Blue Grosbeaks** were reported only from Mason County (GR, MG, DP). For the first time in five years at that location, David Patick and Michael Griffith saw and heard watched a **Dickcissel** singing at Gallipolis Ferry, Mason County, on July 16, and three days later Gary Rankin relocated the bird.

Icterids – On August 23, N. Wade Snyder saw his first migrating **Bobolinks** in Bardane, Jefferson County. **Bobolinks** also inspired reports from Monongalia (LS), Pocahontas (RBi), Preston (TB), and Tucker (RTo) Counties this summer. **Red-winged Blackbirds**, **Eastern Meadowlarks**, **Common Grackles**, and **Brown-headed Cowbirds**, as well as **Orchard** and **Baltimore Orioles**, were reported widely this summer.

Contributors to the Summer Field Notes: Sarah Anderson (SAn), Richard Bailey (Rbi), Rodney Bartgis (RB), John Boback (JBo), Joette Borzik (JBz), Terry Bronson (TB), Laura Ceperley (LC), Derek Courtney (DCo), Cynthia Ellis (CE), Donny Good (DG), Hullet Good (HG), LeJay Graffious (LJ), Richard Gregg (RG), Michael Griffith (MG), Deborah Hale (DHa), Bruni Haydl (BH), Joey Herron (JoH), Diane Holsinger (DH), Martha Hopper (MH), Wilma Jarrell (WJ), Mark Johnson (MJ), Kim Kazmierski (KK), Elliot Kirschbaum (EK), Paul McDonald (PMD), Earl Melton (EM), Herb Myers (HMy), David Patick (DP), James Phillips (JP), James and Judy Phillips (JJP), Gary Rankin (GR), Casey Rucker (CR), Paul Saffold (PS), Larry Schwab (LS), Michael Slaven (MSl), N. Wade Snyder (WS), William Telfair (BT), Ryan Tomazin (RTo), Steven Wilson (SWi), and Beverly Wright (BW).

P.O. Box 2
Seneca Rocks, WV 26884
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2017 Calendar of Events The Brooks Bird Club, Inc.

| Date | Activity | Place |
|---------------------|--|--|
| January | BBC Membership Month | Wheeling, WV |
| February | Write an article for the Mail Bag or The Redstart | mail to editors |
| February 1-3 | Trip to Killdeer Plains (Contact Gene Hilton) | |
| March 3-5 | Early Spring Meeting (Contact Dick Esker) | North Bend State Park Harrisville, WV |
| March 9-10 | Funk/Killbuck Marsh (overnight trip — contact Dick Esker) | |
| March 11 | Waterfowl Field Trip (day trip) (Contact Carl Slater) | Seneca Lake, OH |
| April 22 | Three Rivers Bird Club (day trip) | Raccoon Creek State Park, PA (Contact Ryan Tomazin) |
| May 4-7 | Wildflower Pilgrimage, Blackwater Falls State Park | Davis, WV |
| May 13 | International Migratory Bird Day/ N. American Migration Count | local chapters |
| June 9-17 | Foray - 2017 Lost River Retreat Center, Hardy County | Lost City, WV (contact Janice Emrick or Ryan Tomazin) |
| August-October | Bird Banding | Dolly Sods, WV |
| October 20-22 | BBC 85th Anniv./Annual Meeting | Oglebay Park, Wheeling, WV |
| November 8-12 | Eastern Shore (Contact Carl Slater) | |
| Dec. 14-Jan. 5, '18 | Christmas Bird Counts | local chapters |

BBC FORAYS (dates and places tentative)

2017 Lost River Retreat Center, Hardy County Lost City, WV
2018 Thornwood 4-H Camp, Pocahontas County Thornwood, WV

SEASONAL FIELD NOTES DUE

Winter: March 15 Spring: June 15 Summer: September 15 Fall: December 15
MAIL TO: Casey Rucker, P.O. Box 2, Seneca Rocks, WV 26884, autoblock@frontiernet.net

ARTICLES FOR THE MAIL BAG DUE

February 15 May 15 August 15 November 15
MAIL TO: Ryan Tomazin, 348 Station St., Apt. 7, Bridgeville, PA 15017, wwwarblers@hotmail.com

<http://brooksbirdclub.org>

The dates for the 2017 BBC program may be changed if necessary. Changes will be announced on the web page or in The Mail Bag.

CONTACT INFORMATION

Dick Esker, eskerfb@frontier.com
Carl & Juanita Slater, gusind@stratuswave.net
Gene Hilton, treehugger@suddenlink.net

Dawn Fox, dafox210@gmail.com
Ryan Tomazin, wwwarblers@hotmail.com
Janice Emrick, emrick@gmn4u.com

The Brooks Bird Club
P.O. Box 4077
Wheeling, WV 26003

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