Thursday, January 12, 2017 "Owls in Myth and Culture: In-depth Results from a Global Study," by David H. Johnson, Director Global Owl Project. GLOW is a consortium of 450 researchers, managers and passionate owl people working on the science and conservation of owls in 65 countries. David and his teams have interviewed 7,000 people around the world to learn what societies believe about owls. Archeological and anthropological data enrich this perspective on owls.

Thursday, February 9, 2017 "Making Conservation Work for America," by Rachel Joiner, Major Gifts Officer, The Conservation Fund. This non-profit balances environmental sustainability and economic development to protect land, water and wildlife while generating jobs and making communities more vibrant. Rachel will discuss projects in Maryland and other East Coast areas.

Meetings are at the Robinson Nature Center, 6692 Cedar Lane, Columbia MD 21044. Hospitality at 7:00 p.m. Meeting with program begins at 7:30 p.m. Nature Center doors unlocked at 6:45 p.m. There is no admission charge. For further information call John Harris at 240-755-0183.

THIRTY-SECOND ANNUAL MID-WINTER COUNT

BY JOE HANFMAN

Join the Howard County Bird Club’s Thirty-second Annual Mid-winter Count on Saturday, February 4, 2017. Joe Hanfman (410-772-8424) / auk1844@gmail.com is the count coordinator. You may volunteer to participate by signing up at a meeting or by contacting one of the area coordinators.

<table>
<thead>
<tr>
<th>Area</th>
<th>Name</th>
<th>Phone Numbers</th>
<th>Email Addresses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 1</td>
<td>Mark Wallace</td>
<td>301-725-6370</td>
<td><a href="mailto:abcxyz5@verizon.net">abcxyz5@verizon.net</a></td>
</tr>
<tr>
<td></td>
<td>Wes Earp</td>
<td>410-531-3197</td>
<td><a href="mailto:the_earps@verizon.net">the_earps@verizon.net</a></td>
</tr>
<tr>
<td>Area 2</td>
<td>Ward Ebert</td>
<td>301-490-5807</td>
<td><a href="mailto:wardebert@verizon.net">wardebert@verizon.net</a></td>
</tr>
<tr>
<td>Area 3</td>
<td>Maureen &amp; Dave Harvey</td>
<td>410-795-3117</td>
<td><a href="mailto:tangara@comcast.net">tangara@comcast.net</a></td>
</tr>
<tr>
<td>Area 4</td>
<td>Mike McClure</td>
<td>410-531-2780</td>
<td><a href="mailto:michael.mcclure@jhuapl.edu">michael.mcclure@jhuapl.edu</a></td>
</tr>
<tr>
<td>Area 5</td>
<td>Kevin &amp; Karen Heffern</td>
<td>410-418-8731</td>
<td><a href="mailto:kjheff@aol.com">kjheff@aol.com</a></td>
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<td></td>
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<td><a href="mailto:khdarcy4@aol.com">khdarcy4@aol.com</a></td>
</tr>
<tr>
<td>Area 6</td>
<td>Bonnie Ott</td>
<td>443-285-3302</td>
<td><a href="mailto:bonnieott@verizon.net">bonnieott@verizon.net</a></td>
</tr>
<tr>
<td>Area 7</td>
<td>Kurt Schwarz</td>
<td>410-461-1643</td>
<td><a href="mailto:krschwal@verizon.net">krschwal@verizon.net</a></td>
</tr>
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(Mid-winter Count continued on page 7)
**Winter Field Trips by Joe Hanfman**

Field trips are a great way to improve birding skills, explore new places and meet other birders. Arrive at the meeting site ready to leave at the designated time with appropriate footwear and gear. Carpooling is strongly encouraged. The leader may cancel due to inclement weather/hazardous driving conditions. Directions for trips not on ADC maps are on the Club’s website. Questions? Contact the trip leader or Field Trip Coordinators Joe Hanfman at auk1844@gmail.com. HCBC members receive priority on trips that are limited by number of participants. No pets.

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**START YOUR YEAR LIST**

January 1, 2017, Start at 8:00 a.m. Half day. *Meet at the Howard County Conservancy-Mount Pleasant Farm.* Easy walking on paved paths and woodland trails. Plan to carpool to different locations to find as many species as possible. The one day of the year when every bird is new! Facilities available at some locations. Leader: Kurt Schwarz, krschwa1@verizon.net, 410-461-1643

**ALPHA RIDGE LANDFILL**

January 14, Saturday, Half day. Reservations required. Carpooling is required. Moderate walking over hills and fields of the landfill. We will search for Short-eared Owls with no guarantee of finding one. Other possibilities are Northern Harrier, American Kestrel, Horned Lark, American Pipit, and Eastern Meadowlark. If we finish early, we may go to Mount Pleasant and look for wintering sparrows. Facilities at Alpha Ridge Park. Limited to a maximum of five cars. Contact Joe Hanfman for reservations, auk1844@gmail.com, 410-772-8424.

**MID-WINTER COUNT**

February 4, Saturday. See article on page 1.

**HOW TO FIND AN OWL**

February 18, Saturday, two sessions, 9:30 a.m. and 1:00 p.m., possibility of birding till dusk for owls and early woodcocks. Preregistration required and group size may be limited. Email the leader. Learn how to find owls by habitat and signs. Jay is an expert at finding owls and will share his skills and knowledge as to how to find different species. Contact Jay to sign up so participants can be advised of weather-related changes. Our target species are Long-eared, Northern Saw-whet, and other owls. No facilities.

**CENTENNIAL PARK**

March 5, Sunday, 8:00 a.m., 2-3 hours. *Meet at the west end parking lot off Centennial Lane.* Easy walking around the lake on paved path. Facilities available. Waterfowl expected; early migrant passerines possible. Leaders: Richard and Renee Peters, Richard@rrrpeters.org

**CENTENNIAL PARK**

March 12 Sunday, 8:00 a.m., 2-3 hours. Daylight Saving Time starts (Set clocks ahead). *Meet at the west end parking lot off Centennial Lane.* Easy walking around the lake on paved path. Facilities available. Waterfowl expected; early migrant passerines possible. Leader: TBD

**SHARPS AT WATERFORD FARM**

March 18, Saturday 8:00 a.m. (half day). Meet at farm parking area, through barns on right. Rte. 97 S. to right on Jennings Chapel Rd., 1 mile to right into farm at sign. Moderate walking over crop stubble, farm roads and paths on this working farm. Fields with crop residue, extensive woodlands, Cattail Creek and floodplain, three ponds and five shallow waterfowl impoundments make for diverse habitats and good birding opportunities. Port-a-pots available. Knee-high waterproof footwear required for part of walk.

**WATERFOWL SEARCH**

March 4, Saturday (half day) *Meet at Lake Elkhorn Broken Land Pkwy parking lot at 8:00 a.m.* We’ll carpool to search the Howard County waterways for ducks, grebes, mergansers, and loons. Chance of an early migrant.

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Brenda Belensky issued the necessary permit for Howard County Department of Recreation and Parks so that this study could be conducted on county property.
Richard (Dick) Smith, Jo Solem, and Sue Muller initiated the Howard County Butterfly Survey in 2013 as a joint project of the Howard County Bird Club and the Howard County Department of Recreation and Parks. The general purpose was to gather information about the status of species historic to Howard County. With digital photography, greater numbers of people might be able to more easily document the butterflies they observed, providing “more eyes in the field.” Even though this year completes only three years since the initial pilot effort in 2013, it is clear that the survey is providing a framework enabling an increasing number of participants to provide information about butterflies from diverse countywide locations.

This 2016 summary will include some comparisons to past years as a testament to Dick’s, Jo’s, and Sue’s vision. Hopefully these comparisons will also provide some information addressing questions I am often asked. And, possibly, the information may spur some thought about future efforts.

2016 Survey Results Compared to Previous Years.
With Bob Solem’s creation of an on-line “Incidental Butterfly Survey” form for the 2016 season birders, photographers, gardeners, and others documented more than 244 random sightings and counts from more than 35 parks, natural areas, and others. In addition, nine participants completed more formal season-long surveys at 17 geographically diverse locations throughout Howard County. Twenty-eight homeowners submitted five season-long surveys and over 60 Incidental reports of butterflies in their gardens. Reports from the annual Howard County Dragonfly Count and Fall Bird Count as well as butterfly walks at MPEA (Sue Muller) and Mt. Pleasant, Robinson Nature Center, and Elkhorn Gardens (Linda Hunt) also contributed counts.

All these efforts confirmed anecdotal reports such as Sue Muller’s comment, “I know with monarchs it was the first time in 3 years I had seen them in my yard and I had a bunch of caterpillars, it was wonderful.” The 2016 survey documented a yearly high count of 21,437 individual butterflies of 74 species. This compares to 17,457 of 70 species in 2015; 10,340 of 68 species in 2014; and 3,943 of 59 species in 2013 (pilot year). Eastern Tiger Swallowtail numbers, of concern in 2015, continued to increase in 2016 to 1,495 (2015: 846; 2014: 307; 2013: 435). A high 620 Monarch adults (plus 24 caterpillars and 7 chrysalises) were reported as compared to 400 in 2015, 172 in 2014, and 23 in 2013.

An important question is often asked, “Are the numbers of butterflies and species going up because we have more people looking and more time spent counting, or do we really have more butterflies?” The answer is probably yes and no. Some rare and unusual or difficult to identify species totals have remained unchanged while more common species totals have significantly increased. Unique species, such as the Monarch, may have increased. The chart on page 6 gives examples of year to year occurrence of selected common and unusual species. More analysis of the data we’ve currently compiled and another year or two with participation similar to this year may provide some tentative answers.

2016 Butterfly Highlights
With Dick Smith’s sudden death in August, all this effort and success is bittersweet. Dick was especially interested in documenting the status of species historic to the various regions of Maryland and had started to dedicate retirement time to this purpose. In Howard County, he constantly prodded us to “keep an eye out” for certain butterflies unseen for many years. Finally, this year, three of those species appeared.

Spring sightings of Checkered White in Anne Arundel County and, unbelievably, but typically, the appearance of a single Tawny Emperor ovipositing in a tree in Kathy Litzinger’s yard in mid-June, elevated hope that 2016 would be a “good butterfly year.” Demonstrating incredible determination and patience (and using a ladder) Kathy located a single egg in her single, newly identified, Hackberry tree. By late July, Dick and Kathy were discussing the process of raising a Tawny Emperor from egg to caterpillar to chrysalis to adult. A healthy Tawny Emperor emerged from that single egg and flew away the day before Dick’s funeral. In September, Kathy documented three more individual Tawny Emperors in her yard, possibly from the same brood.

Next in September, Jim Wilkinson, known for his patient, methodical surveys of Howard County’s sliver of Coastal Plain along the Anne Arundel border, discovered not only a small colony of Little Yellows but a Checkered White female. Kathy, casually walking her dog at Meadowbrook Park, demonstrated her “eagle eye,” spotting a small Checkered White male, only slightly marked, cold and motionless on a Heath Aster.

Sometimes finding the rarest of the rare species is a combination of patience and methodical search with a knowledgeable eye for detail, but often a dash of happenstance is involved. On September 18, again from a paved path at Meadowbrook Park no less, Bonnie Ott, known for her detailed knowledge and photography of many aspects of the natural world, for some unknown reason took probably her thousandth picture of an “American Copper” and posted it on her Flickr site. Tim Reichard happened to view Bonnie’s picture that day and supplied his knowledgeable eye for (Butterfly Year continued on page 4)
(Butterfly Year continued from page 3)

detail. Bonnie writes,

“I made the mistake of assuming the expected and did not realize my copper from yesterday is a Bronze! I had it at Meadobrook in the wet "grass" that is planted around the sediment pond below the pavilion. I thought it was big when I photographed it but it didn’t "click" to think it was anything different. Tim from Flickr corrected me. : )”

Tim documented the extent of Bonnie’s find in the Piedmont:

“Dick had Bronze Copper listed as "U" (Unknown status) for Howard County in his latest version of his Butterflies of Unknown Status chart. That means it hadn’t been reported in the county for what, >10 years? And it looks like all the surrounding counties, Baltimore, Carroll, Montgomery, Anne Arundel, and Prince George’s, have it marked either U Unknown or X Extirpated with no recent records. So this copper was in the middle of a void in its recent range.”

Bronze Copper by Bonnie Ott

The answer to the question, “Does spending the time to take a picture and send in a report of the butterflies really matter?” is a resounding “YES.” While Dick is no longer with us to confirm our sightings, all those in the butterfly “community,” to whom he constantly explained the detailed intricacies of identification and the need for an “eye” for the slightly unusual, are here to carry on his efforts.

Historic Species and Habitats

The Bronze Copper vanished (there was a vigorous Wheel Bug in the same area) before many could see it, but quite a few other unusual butterflies appeared this year. In 2013 the status of many of these butterflies was uncertain and many were not even included in the initial survey list. This multi-year survey has demonstrated that many of these species do appear in Howard County each year, sometimes in now predictable locations containing the species host plant; others appear randomly. Some of the species that have been added since 2013 are included in the chart on page 6.

I am often asked two questions involving these unusual species and butterfly habitat:

“Does Howard County still have places/habitats that sustain species that previously existed here?”

“Does planting native host and nectar plants for butterflies and bees really help them survive?”

As demonstrated by the number of species reported, surveyors are identifying parks and natural areas each year as possessing the diverse host and nectar plants attractive to a variety of species. Enhancing existing habitat by planting meadows for pollinators and including host and nectar plants in private gardens also appears helpful. Howard County Dept. of Recreation and Parks has planted two butterfly/pollinator meadows with a mix of nectar and host plants suggested by Dick Smith: one at Centennial Park (Emy’s Meadow) and the other at the intersection of Daisy Road and Union Chapel Road. Kate Tufts, Kathie Lillie, and others who encouraged the creation of the new Daisy Meadow have documented numerous species attracted to the milkweed and nectar plants. The managed meadows at Daisy (1st year late summer only, 504 individuals/17 species), Centennial (439/29) and Mt. Pleasant (2,254/41) as well as public gardens at Robinson Nature Center (911/34) and the Elkhorn Meadow and Community Garden Plots (1,664/35) are attracting a variety of species. In addition, the 28 homeowners submitting surveys from privately owned meadows and gardens accounted for 3,534 total butterflies of 50 species, including 188 Monarchs and unusual species such as the Giant Swallowtail (on Lantana each year, McKitterick), Pipevine Swallowtail and Zebra Swallowtail, Tawny Emperor and Hackberry Emperor, Long-tailed Skipper (Heffernans), Broad-winged Skipper (Litzinger), and many Ocola Skippers and Cloudless Sulphurs.

Future Surveys

“Does the information we have now change how we should/could approach butterflying in future years?”

Obviously, more analysis is needed of the information we have, but Dick Smith had thought that completing five full years of the survey would provide more reliable data. There are still at least ten historic species we have not found. We have also not completed any regular surveys at many locations in Howard County. And there are probably interesting butterflies appearing anonymously in someone’s garden somewhere. Comments and suggestions for next year are welcomed.

I wish to thank all of the surveyors listed below who completed season surveys and those who sent in Incidental reports. Hopefully I haven’t missed anyone. You completed over 30,285 minutes (that’s over 500 hours!) documenting butterflies. Yes, the season once again started as slowly as usual this year, but you even found a few days in late May when it

(Butterfly Year continued on page 5)
(Butterfly Year continued from page 4)

wasn’t raining to find some butterflies. And you continued as the season extended through October. To those of us who knew Dick, all these efforts and successes may seem bittersweet. However, I see these as a living legacy to Dick’s efforts to encourage and mentor all those interested in protecting butterflies and their habitats.

2016 Formal Survey locations: Daisy Meadow (Kate Tufts), David Force NRA (Linda Hunt), Elkhorn Gardens (Jim Wilkinson), Elkridge (Jim Wilkinson), Gateway (Jim Wilkinson), Lake Kittamaqundi area (Clayton Koone), Mt. Pleasant (Karen and Kevin Heffernan), Murray Hill (Linda Hunt), Oxford Square (Jim Wilkinson), Rockburn Branch Park (Kathy Litzinger), Warfield’s Pond Park (Kate Tufts), Western Regional Park (Gayle and Bill Hill).


Formal Home Garden Surveys were completed by Gayle and Bill Hill, Linda Hunt, Kathie Lillie, Kathy Litzinger, and Kate Tufts.


(Also see chart on page 6)

**Thank You!**

Thank you to all the club members who worked at GreenFest, Robinson Nature Center Open House, the Girl Scout event at Camp Ilchester, and the University of Maryland Farm Open House. People who presented programs at the Howard County Conservancy, Robinson Nature Center, and some schools and garden clubs about birds, butterflies, fungi, and other aspects of natural history also performed an invaluable service which was much appreciated.

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**Mom’s Big Year Update**

**BY NANCY McALLISTER**

You may have heard that I’m doing an ABA Big Year…and it’s a Big Year with a twist! I have three young children, two new jobs, a husband and all the associated time constraints and challenges that go along with them.

Following trips to Florida, Ohio, Texas, Maine, Southwestern Arizona, Southern California, and New Jersey, I am excited to report that my goal of 500 is within reach! After a run to North Point State Park, MD for the Snow Buntings in late November, I hit 498 species.

Will I make it over 500? Will I squeeze in any more trips? What will Maryland turn up in terms of exciting chases to wrap up the year? What will my final birds for 2016 be? Stay tuned for the wrap up of Mom’s Big Year in the next issue of The Goldfinch and come hear all about Mom’s Big Year at our March 9th club meeting.

See you out in the field!

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**The Howard County Bird Club WELCOMES THE FOLLOWING NEW MEMBERS, August 1-November 30, 2016**

Deborah Belehis
Thomas & Leslie Buchman
Amy Burwen
Sue Greer
Michael Jones
Kathy Litzinger
Charla Phillies
Sarah Romero
Nancy Schweiss
Pat Scully
Joan Simon
Lisa Simonson & Mario Jaquero
Ken & Mary Ellen Walsh

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**Site Guide**

Included with this issue is the site guide for Font Hill Wetland Park. Guides to other birding spots are available on the club’s website.

As of mid-December, 2016, only the Centennial Lane access to Font Hill Wetland Park is open. The Font Hill Drive access will re-open after the boardwalk that was destroyed during the July 30, 2016 flood has been rebuilt.
Anyone is welcome to contribute articles or ideas which you think will be of interest to other birders. Copy may be sent to:

Howard Patterson  
4209 Hermitage Drive  
Ellicott City, MD 21042-6235  
howard21042@verizon.net  

The Goldfinch, newsletter of the Howard County Bird Club, is published five times per year. Copy deadline for the March/April 2017 issue is January 25, 2017.

Howard Patterson, Editor  
Joanne Solem, Proofreader
ANNUAL POTLUCK
BY KATHIE LILLIE

Time to mark next year’s calendar for our annual potluck dinner, scheduled once again at the Robinson Nature Center for March 25, 2017, the last Saturday in March.

**Annual Potluck Dinner:** Saturday, March 25, 2017  
**Where:** Robinson Nature Center  
**Time:** 6-10 p.m.  
  - Doors open 6:00 p.m. for room set-up  
  - Snacks start at 6:30 p.m.  
  - Dinner starts at 7:00 p.m.

All club members and their guests are invited to share in the fun, the food, and the program. There is no entrance fee charged by the RNC.

Those attending please bring a main dish, hors d’oeuvres, a salad, a vegetable or a dessert. (To assist those with food allergies, it is suggested that you include a list of ingredients along with your dish.) The bird club furnishes water and eating utensils. You may bring wine and beer. Be sure to mark your dishes and any accompanying serving implements with your name so we can make sure they return home with you!

There will be an after-dinner “slide show,” so bring your nature photos. Once again, please note that due to time limitations we limit images to no more than 15 photographs per person. You can bring digital photos (or a PowerPoint presentation) on a CD or USB thumb drive, and the group will provide a laptop for projection of the photos.

Please let us know in advance you will be attending so we can arrange for enough chairs, beverages, etc. You may sign up at the January, February, March club meetings, or contact Kathie Lillie by Friday, March 24, 2017 at 301-807-3785 or klillie12@verizon.net.

Come 6:00-6:30 p.m. to help set up or stay a bit afterwards, 9:00-10:00 p.m., to help clean up. Doesn’t take long and is much appreciated!

If you are a new member, or if you have not attended the potluck dinner before, we encourage you to come and get to know others who share you interests in birds, birding, nature, other creatures, and more.

So one and all, mark your calendars and come join the fun!

*Directions: The Robinson Nature Center is located at 6692 Cedar Lane, Columbia, MD 21044 (410-313-0400). Route 32 Exit 17 takes you to Cedar Lane. There is ample parking.*

(Mid-winter Count continued from page 1)

Beginning birders are always welcome, as are individuals who wish to count only for part of the day. If you wish to count only at your feeder email Joe H. and request a feeder form.

The evening potluck tally will be at Jeff and Karen Culler’s at 2672 Thornbrook Rd, Ellicott City, MD. Please contact the Cullers at 410-465-9006 or cullerfuls@hotmail.com by Wednesday, February 4, to sign up for a vegetable, salad, or dessert, and to obtain directions. Dinner will be served at 6:45 p.m. If you cannot make the meal, you are welcome to drop in about 7:30 p.m. for the tally.

If there is a question about the weather, we will try to make a decision the night before. Contact your area coordinator if you are unsure of the status of the count.

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SEED SALE AND HABITAT DONATIONS
BY WARD EBERT

It’s a good year for the feeder birds! Prices were down and sales were up. A hearty thanks to all of you who supported this event, including many who had not participated last year.

Thanks once again to Kevin Cassidy and the staff of the Wildlife Authority for managing the buying and delivery process. Big thanks go to Cindy Albright, Jeff Friedhoffer, and Bob Solem who do all the handling of the order forms and money. With net proceeds plus the generous contributions of many folks we have well over $1,000 more to support our charitable efforts.

As always, your suggestions to make the sale better for you are welcome. The board of directors will soon be considering worthy habitat projects and possible improvements to the seed sale process.
Howard County Bird Club
Chapter of the Maryland Ornithological Society
P.O. Box 1323
Columbia, MD 21044-1323

January/February 2017 - Inside This Issue

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GreenFest
Earth Day Every Day

Save the Date!
Saturday, April 22, 2017
10 am - 4 pm
Howard Community College
www.HCGreenFest.org