



HUMMIN'

www.pvsb-audubon.org

Palos Verdes/South Bay Audubon Society

Vol. XL #3 April/May 2018

The Year of the Bird: An Exhibition

The Cabrillo Marine Aquarium (CMA) is celebrating the Year of the Bird with a large wall display at the entrance to the exhibit hall using the poetry, photopoems and photography of the birds of Cabrillo Beach by Jess Morton. 2018 is the centenary of MBTA, the Migratory Bird Treaty Act, one of the laws crucial to the survival of Great and Snowy Egrets. Though both of those egrets are now common at Cabrillo Beach, one hundred years ago they faced extinction, a result of being hunted for feathers in the millinery trade.

CMA is a superb teaching and hands-on marine science facility operated by the City of Los Angeles at Cabrillo Beach, in San Pedro. If you have not been there, you are missing the chance to visit an amazing place. Though small, one has much more of a sense of family than one does at the bigger marine aquariums that cater to tourists, such as those in Long Beach and Monterey. The beach, too,

has many habitats, so there is a wide variety of birds that come during the year.



The Year of the Bird exhibit opens in April and will be up through the end of the year. Many of the poems in it have appeared in Hummin' over the years. They are also in Shorelines, Jess's recently published book of poetry, readily available in the CMA gift shop or online at <lulu.com/spotlight/Jess_Morton>.

AUDUBON'S THIRD TUESDAYS

MADRONA MARSH AT 7

April 17th: "Flora and Fauna of the Revillagigedos Archipelago," presented by **Diane Alps**. Last February, Diane boarded the research vessel, Shogun, as a member of an expedition to document the flora and fauna of the islands and surrounding waters far off the coast of Mexico. The team consisted of experts in seven fields: botany, entomology, herpetology, island ecology, ornithology, geology, and Diane's specialty, marine mammalogy. Diane is also Education Chair for the Cabrillo Whalewatch Naturalist program.



May 15th: Dave Weeshoff presents "The Causes and Consequences of Plastic in the Oceans." Using photos taken during extensive travels, and data from scientific studies, Dave will present the scope and impacts of plastic on marine life in the world's oceans, from the Arctic to the Antarctic. Species of special emphasis will include albatrosses, baleen whales, and sea turtles. He will also address the actions each of us can take to reduce our impacts.

Dave is a past president of San Fernando Valley Audubon, is a speaker for Heal the Bay and Algalita Foundation and has been chair of the Board of Directors for International Bird Rescue. He is a passionate advocate for the protection of the environment.



From the President



By David Quadhamer

Our 40th anniversary celebration and photography show were a success. We had a nice turnout for the opening and the photographers who entered submitted excellent photos. Thank you to Paul Blieden, who organized the show, and to everyone who helped us celebrate. We also celebrated at our February monthly meeting. Jess Morton gave a nice overview of our chapter's history and Ann and Eric Brooks gave a wonderful presentation about their recent trip to South Africa. Eric and Jess are both founding members of our chapter.

We received five grant applications for our new grant program. Although we were not able to fund all grants fully, the \$5,000 awarded supports projects including habitat restoration, education and Cactus Wren monitoring. The projects are described in more detail below.

The grant to Rolling Hills Preparatory School (RHP) will fund outdoor signage, classroom

Five Grants Awarded

educational materials, and new tools. Palos Verdes/South Bay Audubon has partnered with RHP to restore 10 acres of habitat for the Palos Verdes Blue Butterfly. RHP has incorporated the Palos Verdes Blue Butterfly and the habitat restoration into their middle school curriculum. The students at RHP have worked very hard removing non-native vegetation from the preserve to get the area ready for planting.

We have also awarded a grant to the Palos Verdes Peninsula Land Conservancy (PVPLC) to help expand their Citizen Science Cactus Wren Monitoring Program. The PVPLC started the program in 2013 and it has been successful in mapping annual territories, nest sites, and behavior. The program engages

members of the community to monitor the Cactus Wren during breeding season. This helps to determine where to direct stewardship and where to enhance habitat for the Cactus Wren.

We awarded Los Angeles Audubon a grant for inner city school art supplies and for publishing a calendar that will

be used for educational purposes. LA Audubon has partnered with Esperanza Elementary as part of their Schoolyard Habitat Program. Their partnership helps maintain a native wildlife habitat on the school campus. LA Audubon and Esperanza students will conduct monthly bird surveys and a monthly bilingual community survey at MacArthur Park, about a half mile from the Esperanza campus. Esperanza students will produce artwork for the calendar. The calendar itself will be used



Eric and Jess at February Meeting with Audubon's 40th Anniversary Cake

as an informal education tool for teachers and residents of the surrounding community.

Another grant will be used to restore half an acre of degraded habitat at the Agua Amarga Reserve in Lunada Bay. This project will install 182 plants and create sage scrub habitat for the California Gnatcatcher, a federally listed threatened species. This is an “adopt-a-plot” project, which is a community-based habitat restoration program. The work is coordinated with the Palos Verdes Peninsula Land Conservancy.

Our final grant will fund another “adopt-a-plot” project at the Linden H. Chandler preserve located in Rolling Hills Estates. This project is creating habitat for the Palos Verdes Blue Butterfly. There are six groups and individuals involved in this “adopt-a-plot” project. In six years, volunteers have planted and maintained 2,691 plants. Our grant will be used to purchase and install two hundred plants.

The passion of the grantees for the projects described above was apparent in each of their grant applications. We look forward to seeing these projects move forward to completion. When they are completed, grantees are required to submit a final report. We will provide updates when they are completed. Other Audubon chapters provide similar grant programs. We would like to continue our grant program and your donations will help us do that.

Our annual birdathons are quickly approaching. Jess Morton and I will both be conducting birdathons again this year. We will pick a day in late April or early May to try and find as many species of birds in one day that we can. Donations can be made on a per species basis, perhaps \$1 per species, or at a flat rate. Please let us know if you would like to contribute to our birdathons. Jess can be contacted at jmorton@igc.org and I can be contacted at dquadhamer@yahoo.com. We would greatly appreciate your support since the annual birdathon is Audubon’s biggest



Ann Dalkey and Paul Blieden cut the cake at Audubon’s first Photo Show.

fundraiser of the year. Your tax-deductible support will allow us to continue our grant program. Your donations will also support our Youth Environmental Stewards program and our Palos Verdes Blue Butterfly habitat restoration at Rolling Hills Preparatory School.

We have a lot of interesting programs coming up, including one on tips for better bird photography, a program on the flora and fauna of the Revillagigedos Archipelago, a program on the great pacific garbage patch and a program on bats. We will be scheduling additional Saturday morning volunteer work days at Rolling Hills Prep to help our habitat restoration for the Palos Verdes Blue Butterfly. Tools and water are provided. Please check our calendar in this issue and our website for more information and dates. Our monthly programs, volunteer days, and bird walks are free. Please join us!

The Year of the Bird

by Jess Morton

Who am I to sing when sunrise brims with spring
and a voice of silver fluting fills the dawn?
Then call me robin so that our song should bring
ringing cheer to parkland, forest, field and lawn.

Who am I to run through scrub and dry creek bed
claiming this desert with cry, wild tail and crest?
Then call me roadrunner so our limbs and head
display the speed, wit and elegance possessed.

Who am I to dig through autumn leaves and duff
with scrabbling foot to search out earthworm and seed?
Then call me junco and daily find enough
in little life to show that we are kin indeed.

Who am I to soar high above winter's snow
with bill and black feathers reaching for the sky?
Then call me raven so that my heart might go
with that dark bird, and together we should fly.

Who am I to dip wing to seasonless seas
in the years long glide from birth to nesting cliff?
Then call me albatross where constancy frees
our flight across the rough currents of what if?

Timeless are the gifts the birds give you and me;
their grace in flight and in the music we've heard
through every season to brighten land or sea,
are why we sing out it's the Year of the Bird.



Birds at the South Coast Botanic Garden

By Donna Da Na Kim

On January 16th, I visited the South Coast Botanic Garden for the first time. Located in the Palos Verdes Hills, the 87-acre site served as a sanitary landfill until it was transformed into an urban oasis with the Palos Verdes Peninsula's lush flora it has today. Despite passing the garden quite frequently while driving, I had never taken the opportunity to dive into this South Bay Garden of Eden. Little did I know that many rare species of plants grow here. On top of that, more than 300 species of birds have been recorded here, where they rely on this botanical garden as a resting area or home.

The South Coast Botanic Garden is home to over 15,000 trees and plants. The most popular are the fruit trees, Ginkgos, Pittosporums, and Redwoods. There are ten distinct garden highlights, the most visited of which are the Desert Garden, Rose Garden, and Children's Garden and Children's Discovery

Garden. In the winter season, acacias, aloes, floss silk trees, and magnolias bloom. The plethora of different flowers, berries, and foliage truly makes the South Coast Botanic Garden a gem of the South Bay. But what most people don't know is how the garden attracts many types of bird year round.



Red-shouldered Hawks at the South Coast Botanic Garden

Photo by Jess Morton

The garden is best known for attracting the Anna's and Allen's Hummingbirds. I actually had the chance

to see the birds feed on the Purple Bottlebrush. Because both of these hummingbirds are residents, they are seen in all seasons. A bird that is also frequently seen is the Red-shouldered Hawk. These medium-sized hawks are also native to our coastal region and can be seen year round. They are idiosyncratic birds, as their "keerah" calls ring beautifully across the garden. Occasionally, a Summer Tanager will pass by and rest. Though rarely seen in coastal Southern California, when they are in the garden, one may hear their robin-like, melodic songs.

As you can see. The South Coast Botanic Garden boasts acres and acres of greenery, attracting birds and guests alike from all over. So take the time to visit the garden, and enjoy the scenic views, koi fish, and many birds. Garden membership is encouraged, but on the third Tuesday of the month admission is free. So bring a loved one or friend to absorb one of Southern California's most innovatively restored areas. It's open daily from 9 am to 5 pm!

Conservation Concerns

Laws under attack

By Evi Meyer

For many decades the United States has had common sense environmental and wildlife protection laws in place to ensure the survival of our wildlife -and ultimately ourselves - on a healthy planet. Yet, we cannot take these laws for granted any more, as the current Administration has attacked them all. As a result, they might be weakened or go away altogether if Trump has his way. We cannot allow that to happen.

The Migratory Bird Treaty Act (MBTA), the centennial of which we celebrate this year, is one of the oldest wildlife protection laws in the world. It arose out of a public disgust with

unchecked trade in birds and feathers. Today, it provides the most effective protection of (non-game) birds that are not listed under the Endangered Species Act (ESA). Unfortunately, if allowed to prevail, legislation in Congress (HR4239) and a new interpretation of the MBTA by the Trump administration will weaken the MBTA and end its ability to hold industry accountable for bird deaths.

The Endangered Species Act (ESA) is the most effective law we have for conservation, protection and recovery of endangered and threatened species and their habitats. It was signed into law in 1973, and, since then, many species of wildlife have received protection after a careful scientific review of their populations, and the threats to them, showed it was necessary. These threats include habitat destruction, pollution, climate change and overharvesting, all of which are made more



Snowy Egrets: The MBTA and other laws that kept them from extinction may be lost. *Photos by Evi Meyer*

dire by the slack being given to industries by the Trump administration. With the Administration's blessing, Republicans in Congress have launched over 60 legislative attacks against the ESA, and more will come.

But the environmental roll-back does not stop with wildlife protection. Even the nation's needs for clean air and water are under attack. The Clean Air Act (CAA), signed into law in 1963, was the first environmental health law in the U.S., and still is one of the most comprehensive air quality laws in the world. It is designed to combat air pollution from both stationary (industrial) as well as mobile sources to provide clean air for us to breathe.

It controls acid rain and greenhouse gases, and slows the reduction in the ozone layer, all of which contribute to climate change. Unfortunately, the Trump administration questions the reality of climate change and intends to overturn the CAA. As we all know, scientific studies have clearly shown that greenhouse gases are linked to rising temperatures and changes in Earth's atmosphere, but science and public need are not what the Trump administration bases its decisions on.

As if breathing polluted air weren't bad enough, the Trump administration is also attacking the Clean Water Act (CWA), the only law that ensures safe drinking water in the U.S. The CWA regulates water quality by setting standards for industrial waste water and contaminants in surface water. Unfortunately, the Trump administration has repeatedly asked the EPA to dismantle the CWA, threatening the safety of drinking



water for all Americans, and greatly affecting aqueous habitats and their inhabitants. We have a right to clean air and water and cannot let an administration hell-bent on industrial profit take that away from us.

Virtually all environmental laws are under attack by the Administration and Congress, not just those discussed above. It is time for us to stand up and fight this egregious assault on our basic rights and defend the wildlife and the health of our planet. It is important to support environmental organizations that fight the legal battles for conservation. We must also send letters to our congressional representatives and the Administration, urging them to uphold laws like the MBTA, ESA, CAA and CWA, that have worked so well in the past and are the only way to ensure a future. This is the Year of the Bird, and this is the year to take action to insure that these laws continue to protect our own health and that of the birds, too.

Your Back Yard Habitat

California Mugwort

(*Artemisia douglasiana*)

By Dr. Connie Vadheim



Our many year's drought has been hard on local creatures – from larger mammals to the smallest soil organisms. In times of drought, gardens become a refuge. Providing plants for cover and food is a simple way to support the creatures that share our ecosystem. One plant that fills several needs is California Mugwort.

Artemisia douglasiana is a part-woody perennial groundcover in the Sunflower family. It's native to the western U.S., from Washington and Idaho south to California and Nevada. It grows in seasonally wet places in many local plant communities. It once was common along South Bay waterways and wetlands.

Mugwort grows 2-5 ft tall. It spreads by rhizomes, filling in around other plants and creating a groundcover. You can limit its growth either by pulling up unwanted stems or by containing it. Mugwort becomes dormant in the hot days of fall. This is also the best time to prune back the old stems to the ground.

Mugwort has upright stems with bright green leaves from winter through summer (with a little summer water). It is best known for its foliage. It does flower, but the flowers are small (similar to those of the California Sagebrush).

The flowers attract insect pollinators while the seeds attract seed-eating birds in fall. And the plants themselves provide excellent cover for ground-dwelling and feeding creatures like lizards and birds. So Mugwort is a good plant for providing general habitat.

Artemisia douglasiana will grow in any soil. It likes a little shade, making it a perfect groundcover under trees and large shrubs. It likes occasional water from May through August. And it does need cutting back severely in the fall.

Mugwort can be used to season drinks (once used to flavor beer) and cooked dishes. It also has a long history of use as a medicinal plant. For more on this interesting plant see: <http://mother-natures-backyard.blogspot.com/2017/12/plant-of-month-december-california.html>

For more information on growing and purchasing this plant visit the Madrona Marsh Nature Center . You can also learn about local

native plants at the “Out of the Wilds and into Your Garden” series on the first Saturday of each month at the Center.

Photo Show Recap

by Paul Blieden

A little over a year ago I proposed to the board of directors that we mount a photo show to raise some funds for our Palos Verdes/South Bay Audubon chapter. Now, after one year of work curating and organizing the event, and the photo show has finished its run, I am happy to give this report of the successes and difficulties of my endeavor.

The show was presented to the public at the art gallery of the Malaga Cove branch of the Palos Verdes Library. The show was up for the entire month of February. We had a reception on February 3rd with approximately 100 in attendance. There was a beautiful cake to celebrate our chapter's 40th anniversary, complemented by 40 wonderful images of California birds taken by Californian photographers. One of the founders and current board member of our Audubon chapter, Jess Morton, gave a short talk at the opening celebration about our chapter's history and I discussed the show and some of the entries. The opening was enjoyed by all.

The number of entries did not meet my expectations but, even so, we had enough to put some funds into our bank account. It was our first attempt at putting on an art show open to the public. If we do another, we have to look at bringing in more entries with improved marketing techniques. I am pleased with the money that was raised, and I want to thank all the artists who participated in the show.



A stand of mugwort.

Photo by Connie Vadheim

I also want to thank the staff of the Malaga Cove library for their assistance in setting up the show, producing posters and advertising the event. Without their work and support, I do not see how this photo show would have been the success it was.

Three of the images in the show were of such beauty and quality that I decided to award each with a special acknowledgment of its value. First place was presented to Krisztina Scheeff for her touching image of a Western Grebe with chicks. Second place was presented to Tom Kaminski for his dramatic image of a Peregrine Falcon. Third place went to Karen Schueneman for an adorable image of baby Burrowing Owls.

Thank you for all your support and to those individuals who purchased images. The library appreciates your donations, too, and the artists were pleased with the appreciation you showed for their wonderful work.



MEET, LEARN, RESTORE, ENJOY

Chapter Calendar

EVENTS

Tuesday, Apr. 17, 5:30 p.m.: PV/South Bay Audubon board meeting at Madrona Marsh. Audubon members and friends are welcome.

Tuesday, Apr. 17, 7 p.m.: Audubon Third Tuesday Get-Togethers. Our speaker for the night will be Diane Alp with a presentation on the Flora and Fauna of the Revillagigedos Archipelago. Come to Madrona Marsh to socialize with friends and to enjoy the bird quiz, raffle and prizes from Wild Birds Unlimited.

Saturday, May 12, 10 a.m.-2 p.m.: International Bird Rescue Open House. Come to San Pedro's International Bird Rescue Center to learn about aquatic birds that call L.A. home and the life saving work being done for them. For details, call Angie Trumbo 310-514-2573.

Tuesday, May 15, 7 p.m.: Audubon Third Tuesday Get-Togethers. Our speaker for the night will be Dave Weeshoff, giving a presentation on the Great Pacific Garbage Patch & Plastics in the Ocean. Come to Madrona Marsh to socialize with friends and to enjoy the bird quiz, raffle and prizes from Wild Birds Unlimited.

FIELD TRIPS

Sunday Apr. 1, 8 a.m. – 11 a.m.: Bird Walk through Ken Malloy Harbor Regional Park. Join Audubon leaders to explore the newly restored KMHRP and witness the birds return to this sanctuary in the middle of our metropolitan area. Meet in the parking lot closest to Anaheim and Vermont.

Tuesday, Apr. 3, 8:30 a.m.: "Tour de Torrance." Join Audubon leader Tommye Hite and friends on a ramble around a great local birding area. Meet at Madrona Marsh Nature Center.

Wednesday, Apr. 4: Birding with Bob. Bob Shanman leads bird walks to different destinations every first Wednesday of the month. For details, visit www.torrance.wbu.com and click on Birding with Bob.

Sunday, Apr. 8, 8 a.m.: Bird walk at South Coast Botanic Garden. Audubon leaders Steve Dexter, Manuel Duran and Ed Griffin will lead this walk through the garden, located at 26300 Crenshaw Blvd., Palos Verdes. There is a charge for nonmembers of the SCBG Foundation, or you can join there.

Tuesday, Apr. 10, 8:30 a.m.: "Tour de Torrance." See Apr. 3 for details.

Wednesday, Apr. 11, 8 a.m.: Bird Walk at Madrona Marsh with Audubon leader Bob Shanman. Meet at the Madrona Marsh Nature Center.

Saturday, Apr. 14, 9 a.m.: PVPLC Natural History Walk to Forrestal Reserve. Appreciate some of the best wildflower viewing and dramatic geological formations on the cliffs of this former basalt quarry. See faults, folds and igneous intrusions visible in the sedimentary bedding. Moderate to strenuous. For details, visit www.pvplc.org.

Sunday, Apr. 15, 8 a.m.: Bird walk at Ballona Wetlands with Bob Shanman. For details, visit www.torrance.wbu.com.

Tuesday, Apr. 17, 8:30 a.m.: "Tour de Torrance." See Apr. 3 for details.

Saturday, Apr. 21, 10 a.m.: Los Serenos de Point Vicente Natural History Walk to McBride Trail. Enjoy this easy walk along the McBride Trail, featuring spectacular panoramic views of the Palos Verdes Peninsula and Catalina Island. Learn about the native coastal sage scrub habitat along with a lesson on the rich history of the Palos Verdes area. Easy. For details, visit www.losserenos.com/pvic.htm.

Tuesday, Apr. 24, 8:30 a.m.: "Tour de Torrance." See Apr. 3 for details.

Saturday, Apr. 28, 8:30-10:30 a.m.: Bird Walk at Madrona Marsh with Audubon leader Dinuk Magamma. Meet at the Madrona Marsh Nature Center.

Tuesday, May 1, 8:30 a.m.: "Tour de Torrance." See Apr. 3 for details.

Wednesday, May 2: Birding with Bob. Bob Shanman leads bird walks to different places every first Wednesday. For details, visit www.torrance.wbu.com and click on Birding with Bob.

Saturday, May 5, 9 a.m.: Los Serenos de Point Vicente Natural History Walk to Alta Vicente Reserve. Walk the Alta Vicente Trail through coastal sage scrub habitat. Enjoy the wildflowers, visit one of the original Japanese farms, and see WW II and cold war installations. Moderate to strenuous. For details, visit www.losserenos.com/pvic.htm.

Sunday May 6, 8 a.m. – 11 a.m.: Bird Walk through Ken Malloy Harbor Regional Park. See Apr.1 for details.

Tuesday, May 8, 8:30 a.m.: “Tour de Torrance.” See Apr. 3 for details.

Wednesday, May 9, 8 a.m.: Bird Walk at Madrona Marsh. See Apr. 11 for details.

Saturday, May 12, 9 a.m.: PVPLC Natural History Walk to White Point Nature Preserve. View a premier example of restoration of coastal sage scrub habitat and stop at a former gun emplacement to learn about the military history of the area. Don’t miss the Nature Education Center with activities for the whole family. Moderate. For details, visit www.pvplc.org.

Sunday, May 13, 8 a.m.: Bird walk at South Coast Botanic Garden. See Apr. 8 for details.

Tuesday, May 15, 8:30 a.m.: “Tour de Torrance.” See Apr. 3 for details.

Sunday, May 20, 8 a.m.: Bird walk at Ballona Wetlands with Bob Shanman. For details, visit www.torrance.wbu.com.

Tuesday, May 22, 8:30 a.m.: “Tour de Torrance.” See Apr. 3 for details.

Saturday, May 26, 8:30-10:30 a.m.: Bird Walk at Madrona Marsh with Audubon leader Dinuk Magamma. See Apr. 28 for details.

Tuesday, May 29, 8:30 a.m.: “Tour de Torrance.” See Apr. 3 for details.

NOTE: PV/South Bay Audubon field trips are generally free, but donations are much appreciated to support programs of the chapter.

The Palos Verdes/South Bay Audubon Society and the National Audubon Society, of which PV/SB Audubon is the local chapter, are dedicated to the understanding and preservation of our natural heritage. Within the framework of National Audubon Society policies, we seek and implement ways to preserve indigenous flora and fauna, especially that of our local area, and provide educational services to the region's communities with respect to birds, wildlife, ecology and conservation.

Executive Officers

President: David Quadhamer, 310 833-3095
 Vice-Pres.: Paul Blieden, pblieden@yahoo.com
 Ann Dalkey
 Treasurer: Jess Morton, jmorton@igc.org
 Secretary: Vincent Lloyd, svlloyd@elcamino.edu

Directors: Robert Carr, Oliver Coker, Tracy Drake, Lillian Light

Committees:

Calendar: Evi Meyer, evimeyer@cox.net
 Christmas Bird Count and
 Field Trips: Ann and Eric Brooks, motmots@aol.com
 Hospitality: Alene Gardner, alene.gardner@sbcglobal.net
 Hummin’: Jess Morton, jmorton@igc.org
 Mailing List: Bob Shanman, wildbirdbob@gmail.com
 Programs: Jan Gardner, janet.gardner@ngc.com
 Bob Carr, Candy Groat
 Webmaster: Paul Blieden, pblieden@yahoo.com
 YES: David Quadhamer

Chapter Support

Name _____

Address _____

City/State/Zip _____

Phone _____

E-mail _____

Your donation is tax-deductible \$ _____

Please make checks to PV/SB Audubon and mail to: PO Box 2582, Palos Verdes, CA 90274



April 17th--“Flora and Fauna of the Revillagigedos Archipelago.” Diane Alps, talks about her recent trip as part of a team documenting the flora and fauna of these remote isles far off the coast of central Mexico.

May 15th--Dave Weeshoff (pictured right) returns to our chapter to present “The Causes and Consequences of Plastic in the Oceans.”



Palos Verdes/South Bay Audubon Society
P.O. Box 2582
Palos Verdes Peninsula, CA 90274

Time-sensitive
material

Here's the Scoop!

It's time for our chapter's annual **BIRDATHON**, when birding teams led by Dave and Jess head out around the South Bay and peninsula to see how many kinds of birds can be recorded in a 24-hour period, and, most importantly, raise money for Audubon. This year, we especially want to replenish the Gambee grant fund so that next year we can award another \$5,000 to worthy bird-related projects like those described by David on pages 3 and 4 in this issue of Hummin'. Please give generously, either as a fixed dollar amount or on a per species basis. Last year, our count produced 100 species, but it can run more than that on a “birdy” day.

Donors to Dave's team can pledge support by emailing him at dquadhamer@yahoo.com. Jess will continue his tradition of offering contributors digital photos from the day's birding.

AVIANTICS

By Evi Meyer



Donors of 50 cents per species will receive two pictures, and donors of \$1 per species or more will receive five. Donors of \$10 per species will receive a fine print suitable for mounting of their choice from the five pictures of day. To pledge, e-mail your support for Jess's team to jmorton@igc.org.