

HARLEQUIN HAPPENINGS

Newsletter of the Olympic Peninsula Audubon Society (OPAS) www.olympicpeninsulaaudubon.org (www.olybird.org) Clallam County, Washington A Chapter of the National Audubon Society Issue 4 Jul - Aug 2022

"Volunteer educators and stewards for birds and habitat conservation"

[OPAS Programs will take the summer off. Be sure to join us for the first OPAS Program in the fall on September 21,2022, in the new Dungeness River Nature Center.]

OPAS Field trip for July

by Marie Grad & Ken Wiersema

Purple Martin Outing/Field Trip

Date & Time: Thursday, July 14, 2022, 8:30 -10:30 a.m. Leaders: Ken Wiersema and Dow Lambert Meeting place: 3 Crabs parking area

Cost: No charge

Features: Taking count and monitoring the nesting of Purple Martins. This outing focuses on our OPAS community science Purple Martin colony project. We built 18 boxes to install on 3 steel pilings in the tide flats just off shore, and 4 boxes fastened to root wads next to the parking area at 3 Crabs. By mid-July a few young Martins may have fledged, but most chicks or maybe a few eggs will be in their nests. Nesting was 10-15 days late this year due to a cool spring and lack of insects to feed both chicks and adults. We'll be viewing the inside of nest boxes with an endoscope camera, where you'll see the chicks at various stages of devel-



Purple Martins at nest boxes Photo by Dee Renee Ericks

opment. By mid to late August, they will be clustering together on the nest boxes and the power lines along 3 Crabs Road, preparing for their migration to South America. Numerous other shore and water birds will also be out on the tide flats in July, providing a good opportunity to view them as an adjunct to this trip. We plan to be off the tideflats by 10 a.m.

Bring: Binocs, scopes, wear calf level water proof boots (as we will be walking out onto wet, soft, sandy tide flats for a close look at the nest colony) and other personal accoutrements as desired. If it's windy, your light windbreaker will be a welcome garment?

COVID considerations: Please preregister for trip. We will ask attendees to selfnotify trip leader on your vaccination status. We'll maintain social distances. except to view handheld screens linked to our endoscope camera. We'll ask unvaccinated folks to mask while viewing screens. Optics will not be shared with unvaccinated attendees. Trip size limited to 10. If the trip is full when you register, a waitlist option is available on Eventbrite. We'll consider an additional trip in August if there is enough interest. If you need to cancel, please let the trip leader know so that a person on the waitlist can be contacted. Trip leaders are fully vaccinated and boosted.

(Continued on page three)

Harlequin Happenings is published six times a year. Consider "going green". Receive your newsletter electronically, in living color, by contacting the OPAS Membership Chair, Audrey Gift, at 360-681-2989, or email agift@olypen.com.
 The Olympic Peninsula Audubon Society meets monthly (except July, August, and December) on the third Wednesday at 7 p.m. at the Dungeness River Audubon Center, 1943 West Hendrickson Road, Sequim, WA, (360) 681-4076. The public is welcome.

OPAS Board of Directors

Officers:

Interim President, Ken Wiersema Vice-Pres/Program Chair, Tom Butler Treasurer, Skip Perkins Secretary, Sue Dryden

Board-at-Large:

Kendra Donelson Dee Renee Ericks Vince Thrutchley

Committees:

Bird Counts, Bob Boekelheide Conservation Co-Chairs, Bob Phreaner and Joyce Volmut Education, Open Membership, Audrey Gift Field Trips, Marie Grad Hospitality, Clare Hatler Newsletter, Rob Hutchison Publicity, Sara Ellen Peterson Webmaster, Mary Porter-Solberg Social Media Support: Dee Renee Ericks, Mary Porter-Solberg

Contact E-mail: <u>president</u> <u>@olympicpeninsulaaudubon.org</u>



President's Notes

by Ken Wiersema

We had a grand celebration on June 5th to bless and reopen our expanded and remodeled Center. As the smallest of the local partners in size, deep pockets, and programs, we'll have to reexamine our



capacity to shoulder our share of the operational needs to ensure the longrange success of the Center. With our focus on birds and our mission to advocate as well as organize community projects, we'll earn our place. We also will be the on-the-ground representative of the National Audubon Society, which through its State office will also be a partner. I'm confident that we'll continue to be an active and strong member of the Center's partners. At this juncture, I want to extend, on behalf of OPAS, our thanks and appreciation of the outstanding work that has been done by the Center's Capital Campaign committee. To raise the needed nearly 6 million dollars, it took over 6 years of dedicated hard work. Annette Hanson led a super team of achievers. Thank you folks! And many thanks to our Kendra Donelson who has been OPAS's stalwart member of Annette's team.

OPAS Leaders Retreat

We won't have membership meetings and speakers in July and August; however, your officers and committee chairs will meet together on the 18th of August to set goals, budget our resources, evaluate what we've done, plan future programs, assign tasks, and recruit needed leaders. If you'd wish to recommend goals for the forthcoming year, ask about leadership opportunities. If you have a matter you'd want OPAS to focus on, we'd welcome your input to the retreat. Please send your thoughts and recommendations to us via our website at https://olympicpeninsulaaudubon.org/ contact-us.

And, as I've said to y'all several times, we're a volunteer organization, in contrast to our other partners in the Center, we rely on our members to step forward and contribute a few hours a month to help organize, lead, and administer OPAS. Please consider how you could help us. We have a wide array of tasks to get done, and a fun, knowledgeable group of folks to work among.

We'll be restarting our Backyard Birder programs this fall, and will need a support team: program planners, registrars, program presenters, chair and table movers.

Many of us are aging out of our productive years and would welcome the chance to pass on our experiences and assistance, while we can still remember them, to those who can carry OPAS into the future.

OPAS Awards

At this June's meeting, we presented several well-deserved recognitions for folks who have worked hard on projects and moved OPAS's mission ahead. When we volunteer for an organization, we don't expect rewards and bonuses. We do it to reward ourselves with self-fulfillment and a sense of service to a mission we support. As an organization, we believe in recognizing those special folks who have most generously given of their time, talents, and resources. *(Continued on page three)*

President's Notes (Continued from page two)

This year we salute Bob and Enid Phreaner, Dee Renee Ericks, John Acklen, and John Gussman for being in that class of folks! (See details in this edition). If you, our members, know of folks in our midst who merit recognition, please let us know. We'll be accepting nominations for awards to be presented in June of 2023, in January 2023.

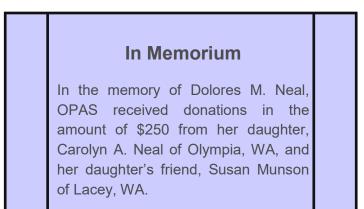
OPAS at 50

We will be Fifty years young on December 1st this year. We'll be hosting a big celebration in 2023. Watch for it! And, enjoy your summer; good birding! Stay well and safe. We'll get back together in September. Enjoy!

OPAS Field Trip (Continued from page one)

Further Information: Contact: Ken Wiersema <<u>wiersema@olympus.net</u>>, phone 360-460-5515.

Liability Form: We are asking field trip participants to sign a liability release form the day of the trip. This signed form will be good for future field trips. You can review, download, and print the form in advance by <u>clicking here</u>. You can also scan the release form, sign it, and send the form by email to <u>web-master@olympicpeninsulaaudubon.org</u>.



OPAS Presents Conservation and Harlequin Awards

Conservation Awards

Each year the OPAS Conservation Committee nominates individuals for their contributions and achievements in studying and improving the conservation of our local birds. This recognition can be presented to OPAS members or others in our community who perform a noteworthy act or make lasting contributions over many years. This year OPAS recognizes **Dee Renee Ericks**, **John Acklen** and **John Gussman** for their efforts in the conservation arena.



Dee Renee Ericks receives a Conservation Award



John Acklen receives a Conservation Award

The third recipient, **John Gussman**, was not present, being on a trip to Alaska at the time of the presentation. He will receive his award during the September membership meeting on 9/21/2022. For more information, <u>click here</u>.

Harlequin Award

The purpose of the OPAS Harlequin Award is to recognize OPAS members for their outstanding accomplishments and sustained generous contributions of time, talent and effort toward the Olympic Peninsula's environment through science, education and/or bird advocacy. *(Continued on next page)*

This year, **Bob and Enid Phreaner** have been recognized for their outstanding and generous contributions of time, talent and effort toward the conservation of birds and birding habitat on the Olympic Peninsula through scientific, educational and advocacy endeavors. For additional info <u>read more</u>.



From Left: Audrey Gift, Enid Phreaner, Bob Phreaner, Ken Wiersema

Conservation Matters: Wildlife Tracking



by Bob Phreaner, Conservation Chair

The Motus Wildlife Tracking System

(Motus) is a program of **Birds Canada** in partnership with collaborating researchers and organizations. Motus uses coordinated radio telemetry to learn about the ecology and conservation of migratory animals. Tiny radio-transmitter tags can be glued to the back of birds and the signal can be detected by receivers distributed about the landscape. Each tag emits a unique signature so one can determine where animals go, how fast they transit between points, and how long they stay in an area. This information can be used to support conservation of stop-over sites, leverage public engagement for funding, and encourage preservation of these crucial areas in a time when bird populations are in decline.

Motus has been used extensively in both New England and Canada to track bird migration patterns, and recently it is expanding into the Pacific flyway. In British Columbia, Motus sites, such as Robert's Bank in the Fraser River Delta, are used to monitor how Western Sandpipers (WESA) move through the Salish Sea. Recent data suggests that WESA counts fluctuate with salinity. Floods lower the salinity and decrease the quality of diatoms available to support the migrating WESA. In these conditions, observers see a decrease in the duration of the stop-over and a decline in the seasonal count of WESA.

On June 8, I attended a virtual meeting on the expansion of Motus receiver sites into Washington State. At this time the US Fish and Wildlife Service has receivers in the Nisqually Delta, Tokeland, Oysterville, and at Brekenridge Bluff. Kitsap (Point No Point), Whidbey Audubon, and the Samish Indian Nation are planning for receiver sites, also. You can learn more at USFWS Shorebird Project, at <u>https://motus.org/data/project?</u> id=337

How about the Olympic Peninsula? This might be an opportunity for a new Community Science project. There is much to learn about this technology such as the battery life of the transmitters, the optimal locations of receivers, and expense of maintaining this equipment. OPAS Conservation Committee volunteers are interested in following up on these developments. You can visit the motus.org website for more information.

Western Bluebird/ Climate Watch Survey Update



by Joyce Volmut, Coordinator

In this report I want to focus on terminology related to the changing climate, and why it is important to the conservation of all lifeforms, whether native plants, bird populations, other wild-life, as well as the public health of humans.

We sometimes struggle with word phrases such as "Global Warming" and "Climate Change". Only words on a piece of paper, but much more to our very existence and to the birds we love. Surely there is no doubt we all suffer its effects. Here on the Olympic Peninsula, the evidence is all around us: global temperature rise, warming oceans, glacial retreat, decreased snow cover, and sea level rise.

According to the National Aeronautics and Space Administration (NASA), "Global warming is the long-term heating of Earth's climate system observed since the pre-industrial period (between 1850 and 1900) due to human activities, primarily fossil fuel burning, which increases heat-trapping greenhouse gas levels in Earth's atmosphere."

"Climate Change", on the other hand, is the *"long-term change in the average weather patterns that have come to define Earth's local, regional and global climates".*

Although the earth's climate has varied throughout history, it is in this industrial time period that concerns arise over human activities, which are estimated to have increased the Earth's global average temperature by about 1 degree Celsius (1.8 degrees Fahrenheit), almost 0.2 degrees Celsius (0.36 degrees Fahrenheit) per decade, thus warming the atmosphere, ocean, and land.



Western Bluebird Photo by Norm Lewis

Science-specific data have led to the development of theoretical models to monitor and study past, present and future climate conditions. Key elements were studied over time; such as global land and ocean temperature increases; rising sea levels; ice loss from the Earth's poles and in mountain glaciers; frequency and severity changes in extreme weather such as hurricanes, heatwaves, wildfires, droughts, floods; and precipitation, cloud, and vegetation cover changes.

In keeping with these studies, plus using data collected from a variety of bird observations, National Audubon was able to develop a climate model to measure bird response to both Global Warming and Climate Change. Key science-based indicators were used in the Audubon model and ultimately in the report "Survival by Degrees".

Twice yearly, many citizen scientists test the Audubon model throughout the United States, including here on the Olympic Peninsula, by conducting the Climate Watch Surveys. The OPAS summer survey was just completed on June 15 and I

thank everyone who was involved. This summer we had six Western Bluebird nesting sites reported. Other target birds reported were the Spotted Towhee, American and Lesser Goldfinch, and Red-breasted Nuthatch. A full Climate Watch survey report of all target birds is still in progress.

I urge you to visit <u>climate.nasa.gov</u> "*Global Climate Change Vital Signs of the Planet*". This website provides evidence of cause, effect and indications of global climate change, plus other related sources, such as graphs, videos, and other NASA resources related to the changing climate.

Also important, if you haven't done so before, check out National Audubon's <u>Survival by Degrees</u>. In my estimation, this report should be the leading force for conservation for birds, their breeding life, and food sources. If a bird does not successfully breed and offsprings do not survive, their very existence is at risk.

Lastly, read a book "Rising" by author Elizabeth Rush. This book was a Pulitzer Prize finalist. It is a journalistic report on climate change and the disappearing US coastlines.

Puget Sound Bird Fest

by Jeff & Lily Huth, Puget Sound Bird Fest Planning Committee

This year's in-person **Puget Sound Bird Fest** in Edmonds will take place from **September 10-11, 2022**, with speakers, guided walks, field trips, boat tours, exhibits, and educational activities for children and adults. The keynote speaker will be Martha Jordan, Founder of the Northwest Swan Conservation Association (NWSCA), who will present a talk entitled *"Washington's Swans and Snow Geese: Connections to Land Use, Agriculture and Dairy Farms"*. The presentation will be on Saturday, September 10, at 10 a.m. in the Edmonds Plaza Room, 650 Main St. in Edmonds. More program details can be viewed at: <u>https://www.edmondswa.gov/common/pages/DisplayFile.aspx?itemId=18582161</u>

Our annual bird photo contest is also accepting entries, free and open to all, in conjunction with the festival. We had more than 65 entrants last year, with some truly awesome photos being submitted. More information on entering the contest is available on the website (<u>http://</u>

<u>www.pugetsoundbirdfest.com/</u>). We also have a "17 and under category" which had about 7 entrants last year, and we'd like to see more youth entrants.

Clallam County Birdathon 2022

by Bob Boekelheide



During this year's World Migratory Bird

Day/Clallam County Birdathon, held on May 14, 2022, 77 participants in 53 field parties counted 18,065 individual birds of 176 species (see accompanying table). COVID restrictions eased a little this year, allowing birders to journey to the Makah Reservation at Neah Bay and other wayward sites. As a result, the species count this year was 14 species higher than the 162 species we recorded last year, but still slightly below the average of 179 species over the last 28 years. The numbers this year tallied far below our all-time Birdathon high counts of 33,057 individuals counted in 2010, and 203 species counted in 2012.

Species with record high Birdathon counts this year included Ruddy Duck, Red-necked Grebe, and American Dipper. Ruddy Ducks continue doing quite well at their nesting pond at Diamond Point. Red-necked Grebes remained throughout the spring in coastal waters, particularly at the western half of the Strait. Several parties picked up dippers on local rivers and streams. Although not a record, Bald Eagles scored their second highest year ever, with many immature eagles scattered from Dungeness Bay to Neah Bay.

Several species scored lower-than-average numbers. We missed two species that we normally see, American Coot and Ring-necked Duck. It was the first time in 29 years that we missed coots on our Birdathon, and only the third time we missed Ring-necked Ducks. They were probably somewhere in Clallam on count day, but unfortunately no one found them. Other species at the low end of their long-term averages included Greater Scaup, California Quail, Rufous Hummingbird, Sanderling, Dunlin, Spotted Sandpiper, and Hutton's Vireo.

As is typical, we recorded several unusual species on count day, particularly around Neah Bay. The White-tailed Kite found at the Tsoo-Yess River on 4/30/22 by Will Brooks and Jason Vassallo was still present for Birdathon, spotted by Scott Atkinson. Scott also found a Semipalmated Sandpiper in Neah Bay. Joel Brady-Power spotted a Swainson's Hawk soaring. Nearly all the pelagic species seen on Birdathon day, such as albatrosses, shearwaters, storm-petrels, phalaropes, and Sabine's Gulls, were tallied by Dave Slager and Matt Dufort, who rode the cruise ship Noordam on a repositioning cruise from San Diego to Vancouver BC. Fortunately for us, the Noordam just happened to be in Clallam County on Birdathon morning, where Dave and Matt dutifully entered their sightings using eBird.

Speaking of eBird, it's quite amazing how this birding app has grown over the last few years. This year a whopping 87 percent of the Birdathon tallies came in through eBird. The use of eBird has led to some unexpected challenges with our data, however.

Before eBird, when people covered their Birdathon route they usually included all the car miles and hours they drove between birding sites. So, for instance, if someone covered an area like "Dungeness," they might tally four hours driving time covering 10 miles, stopping at a variety of places like Three Crabs, Dungeness Landing Park, and Dungeness Recreation Area.

With eBird, however, birding is instead broken up into discrete locations, such as "hotspots," each with its own list that usually begins when birders get out of their car and ends when they get back into their car. The driving times and mileages between hotspots do not get entered in eBird lists, unless people make a concerted effort to include them. The four hours of time someone might have tallied in the good old days is now reduced to 45 minutes at one hotspot, 20 minutes at another, and 30 minutes somewhere else, with no record of birding while driving or stopping in between. As a consequence, the number of party-hours and miles by car have now shrunk compared with before eBird. Our standard measure of comparison between years, birds per party hour, may not be comparable.

One illustration shows this well. In 2011, well before eBird, our Birdathon occurred on May 14, just like this year. In 2011, we had 78 observers who counted 176 species, very similar to this year's 77 observers counting 176 species. But here's the big difference – in 2011 our counters tallied 860 miles by car and 263.4 total party-hours. In contrast, this year our counters only recorded 263 miles by car and 208.2 total party hours. It would be wonderful if we actually reduced our driving miles, but I suspect that much of the difference really comes from the way people enter their data using eBird.

Regardless, please join us next year on the second Saturday in May, counting as many birds as possible in Clallam County. The Birdathon data provide an amazing time-line of information about the birds of Clallam County accumulated by OPAS over the years. Please put next year's World Migratory Bird Day/Clallam County Birdathon on your calendars right now, for Saturday, May 13, 2023.

Many thanks to all the birders who counted birds in Clallam County on May 14:

John Gatchet, Scott Atkinson, Iris Winslow, Susan Savage, Bob Blush, Don & Melissa Baker, Carla Hopie, Scott Gremel,

Colleen Ostrye, Deborah Kaechele, Jean Siesener + 1 other, Wendy Blondin, Carolyn Wilcox, Lindsey Schromen-Wawrin, Judy Mullally, Sue Nattinger, Coleman Byrnes, Joanie Beldin & 1 other, Michele Canale, Joel Brady-Power, Bridger Banco, Michael McGuire, Matt Dufort, Dave Slager, Philip Steinhoff, Ida Domazlicky, Jane Nicholas, Marie Grad, Michael Barry, Steve Koehler, Sharle Osborne, Mike Crim, Alex Badgett, Karen Holtrop, Jolene Sanborn, Mary Dufrain, Vince Thrutchley, Bruce Paige, Kayla Michael, Stacey Fradkin, Marion Rutledge, Dee Renee Ericks, Daniel Larsen, Laura Davis, Alan Smith, Pamela & Bill Jennings, Tom & Connie Unsicker, Cathy & Bill Wisel, Andrew Schepers, Karina Rose, Kate Buenau, Peter Buenau, Annette Buenau, Dow Lambert, Ken Wiersema, Skip & Caroline Perkins, Jamie Saskowsky, Mark Salvadalena, Ed Stege, Kathy & Otis Bush, Gary Bullock, Bob Boekelheide, & 4 Anonymous eBirders.

You might think that summer just started, but post-breeding migration has already begun. Migrant shorebirds have started returning from the Arctic, so it's time to focus on bays and shores. The nesting season may be slowing down, but now is the time when unusual migrants show up, so be vigilant. Baby birds are out of the nest, confusing us with their juvenile plumages and strange sounds. When you find interesting birds, please email Bob Boekelheide at <u>bboek@olympus.net</u> with your report. Thank you very much for your sightings!

If you are interested in local bird sightings, check out eBird at <u>https://ebird.org/explore</u>, then under "Explore Regions" enter Clallam or Jefferson County. Please join eBird and add your own sightings, as well.



Blue Grosbeak X Lazuli Bunting Hybrid Photo by Michael Florian



Chukar Photo by Mark Salvadalena



Red Crossbill Photo by Tom Butler



Wilson's Warbler Photo by John Gatchet



Virginia Rail Photo by Doris Clausey





Gyrfalcon Photo by Bob Boekelheide

Long-eared Owl Photo by Norm Lewis

Results of OPAS Clallam Co. Birdathon/International Migratory Bird Count, May 14, 2022

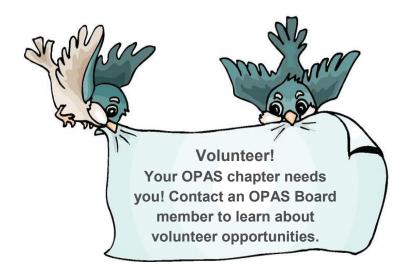
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Rock Pigeon73Black-footed Albatross5Bushtit38Band-tailed Pigeon140Sooty Shearwater305Golden-crowned Kinglet35Eurasian Collared-Dove139Pink-footed Shearwater115Ruby-crowned Kinglet2Mourning Dove62shearwater sp.2Red-breasted Nuthatch75Number of field parties53Vaux's Swift389Fork-taild Storm-Petrel46Brown Creeper13Number of participants77Black Swift2Brandt's Cormorant6House Wren17Hours on foot142.1Anna's Hummingbird211Pelagic Cormorant294Pacific Wren51Miles on foot110.6Rufous Hummingbird sp4Cormorant sp.10Bewick's Wren32Miles by car262.9Virginia Rail2Great Blue Heron68American Dipper13Hours by boat5.0Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover53Northern Harrier14Varied Thrush62Hours owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush620.520.220.2 <t< td=""><td>Red-necked Grebe</td><td><u>46</u></td><td></td><td>Common Loon</td><td>47</td><td></td><td>Cliff Swallow</td><td>99</td><td></td><td></td></t<>	Red-necked Grebe	<u>46</u>		Common Loon	47		Cliff Swallow	99		
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Eurasian Collared-Dove139Pink-footed Shearwater115Ruby-crowned Kinglet2Mourning Dove62shearwater sp.2Red-breasted Nuthatch75Number of field parties53Vaux's Swift389Fork-taild Storm-Petrel46Brown Creeper13Number of participants77Black Swift2Brandt's Cormorant6House Wren17Hours on foot142.1Anna's Hummingbird211Pelagic Cormorant294Pacific Wren51Miles on foot110.6Rufous Hummingbird Sp4cormorant sp.10Bewick's Wren32Miles by car262.9Virginia Rail2Great Blue Heron68American Dipper13Hours by boat5.0Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush6Miles Of Participal Sp.1718065NUMBER OF SPECIES176Minbrel18Accipiter sp. <td>Rock Pigeon</td> <td>73</td> <td></td> <td>Black-footed Albatross</td> <td>5</td> <td></td> <td>Bushtit</td> <td>38</td> <td></td> <td></td>	Rock Pigeon	73		Black-footed Albatross	5		Bushtit	38		
Eurasian Collared-Dove139Pink-footed Shearwater115Ruby-crowned Kinglet2Mourning Dove62shearwater sp.2Red-breasted Nuthatch75Number of field parties53Vaux's Swift389Fork-taild Storm-Petrel46Brown Creeper13Number of participants77Black Swift2Brandt's Cormorant6House Wren17Hours on foot142.1Anna's Hummingbird211Pelagic Cormorant294Pacific Wren51Miles on foot110.6Rufous Hummingbird Sp4Cormorant sp.10Bewick's Wren32Miles by car262.9Virginia Rail2Great Blue Heron68American Dipper13Hours by boat5.0Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush657Total Party Hours208.2Killdeer18Accipiter sp.2American Robin <td>=</td> <td>140</td> <td></td> <td>Sooty Shearwater</td> <td>305</td> <td></td> <td>Golden-crowned Kinglet</td> <td>35</td> <td></td> <td></td>	=	140		Sooty Shearwater	305		Golden-crowned Kinglet	35		
Vaux's Swift389Fork-taild Storm-Petrel46Brown Creeper13Number of participants77Black Swift2Brandt's Cormorant6House Wren17Hours on foot142.1Anna's Hummingbird211Pelagic Cormorant294Pacific Wren51Miles on foot110.6Rufous Hummingbird sp4Double-cr Cormorant28Marsh Wren48Hours by car32.2hummingbird sp4cormorant sp.10Bewick's Wren32Miles by car262.9Virginia Rail2Great Blue Heron68American Dipper13Hours by boat5.0Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush66104.1Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SP	Eurasian Collared-Dove	139		Pink-footed Shearwater	115		Ruby-crowned Kinglet	2		
Black Swift2Brandt's Cormorant6House Wren17Hours on foot142.1Anna's Hummingbird211Pelagic Cormorant294Pacific Wren51Miles on foot110.6Rufous Hummingbird69LDouble-cr Cormorant28Marsh Wren48Hours by car32.2hummingbird sp4cormorant sp.10Bewick's Wren32Miles by car262.9Virginia Rail2Great Blue Heron68American Dipper13Hours by boat5.0Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush6104.11806518065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Mourning Dove	62		shearwater sp.	2		Red-breasted Nuthatch	75	Number of field parties	53
Anna's Hummingbird211Pelagic Cormorant294Pacific Wren51Miles on foot110.6Rufous Hummingbird sp69LDouble-cr Cormorant28Marsh Wren48Hours by car32.2hummingbird sp4cormorant sp.10Bewick's Wren32Miles by car262.9Virginia Rail2Great Blue Heron68American Dipper13Hours by boat5.0Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush6104.118065Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Vaux's Swift	389		Fork-taild Storm-Petrel	46		Brown Creeper	13	Number of participants	77
Rufous Hummingbird69LDouble-cr Cormorant28Marsh Wren48Hours by car32.2hummingbird sp4cormorant sp.10Bewick's Wren32Miles by car262.9Virginia Rail2Great Blue Heron68American Dipper13Hours by boat5.0Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush6104.118065Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Black Swift	2		Brandt's Cormorant	6		House Wren	17	Hours on foot	142.1
hummingbird sp4cormorant sp.10Bewick's Wren32Miles by car262.9Virginia Rail2Great Blue Heron68American Dipper13Hours by boat5.0Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush61104.118065Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Anna's Hummingbird	211		Pelagic Cormorant	294		Pacific Wren	51	Miles on foot	110.6
Virginia Rail2Great Blue Heron68American Dipper13Hours by boat5.0Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush6180651806518065Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Rufous Hummingbird	69	L	Double-cr Cormorant	28		Marsh Wren	48	Hours by car	32.2
Sora7Turkey Vulture57European Starling442Miles by boat108.3American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush61806518065Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	hummingbird sp	4		cormorant sp.	10		Bewick's Wren	32	Miles by car	262.9
American Coot0LOsprey1Western Bluebird2Hours owling6.4Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush61806518065Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Virginia Rail	2		Great Blue Heron	68		American Dipper	<u>13</u>	Hours by boat	5.0
Black Oystercatcher16White-tailed Kite1Townsend's Solitaire7Miles owling35.9Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush661806518065Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Sora	7		Turkey Vulture	57		European Starling	442	Miles by boat	108.3
Black-bellied Plover53Northern Harrier14Varied Thrush30Feeder hours22.5Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush66Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	American Coot	0	L	Osprey	1		Western Bluebird	2	Hours owling	6.4
Semipalmated Plover20Sharp-shinned Hawk3Swainson's Thrush7Total Party Hours208.2Killdeer46Cooper's Hawk13Hermit Thrush6Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Black Oystercatcher	16		White-tailed Kite	1		Townsend's Solitaire	7	Miles owling	35.9
Killdeer46Cooper's Hawk13Hermit Thrush6Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Black-bellied Plover	53		Northern Harrier	14		Varied Thrush	30	Feeder hours	22.5
Whimbrel18Accipiter sp.2American Robin871TOTAL INDIVIDUALS18065Marbled Godwit3Bald Eagle229Cedar Waxwing19NUMBER OF SPECIES176	Semipalmated Plover	20		Sharp-shinned Hawk	3		Swainson's Thrush	7	Total Party Hours	208.2
Marbled Godwit 3 Bald Eagle 229 Cedar Waxwing 19 NUMBER OF SPECIES 176	Killdeer	46		Cooper's Hawk	13		Hermit Thrush	6		
	Whimbrel	18		Accipiter sp.	2		American Robin	871	TOTAL INDIVIDUALS	18065
Ruddy Turnstone 1	Marbled Godwit	3		Bald Eagle	229		Cedar Waxwing	19	NUMBER OF SPECIES	176
	Ruddy Turnstone	1								

Underlined species = unusual species, recorded infrequently on Clallam Co. Spring Bird Count

Underlined numbers = record or near record number of individuals for Clallam Co. Spring Bird Count

 $\mathsf{L}=\mathsf{low}$ number compared with previous 28 years of Birdathon data

Olympic Peninsula Audubon Society P.O. Box 502 Sequim, WA 98382-0502





Olympic Peninsula Audubon Society

P.O. Box 502 Sequim, WA 98382-0502

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