



THE CALLIOPE

QUARTERLY NEWSLETTER OF THE EAST CASCADES AUDUBON SOCIETY

SUMMER 2015

From the Board

Field trips, Birders' Night, citizen science, and similar bird-related activities are the heart of East Cascades Audubon, and the basis for our status as a section 501(c)(3) charitable organization. As Treasurer of ECAS, my job is managing ECAS' resources to fulfill its charitable mission. I'm assisted by the other members of the Finance Committee (Jan Rising, Mary Oppenheimer, and John Brune).

Preparing the annual budget is one of the Finance Committee's most time-consuming tasks. We begin the process in August, when we ask committee chairs to provide estimates of their needs for the next calendar year. Timely response from the committee chairs can definitely help expedite the budget process! Preparing and filing our federal tax return (Form 990 EZ, which despite its name is not easy) and state annual report are also major tasks. In addition, as Treasurer I'm responsible for managing investments, obtaining adequate insurance, and depositing income, paying expenses and maintaining financial records.

ECAS's 2014 budget provided for substantial expenditures to develop a new website because our current website is technologically obsolete and is no longer updated. It now appears that the cost of the new website will be substantially less than anticipated thanks to the volunteer efforts of Ted Groszkiewicz in building, and Jon Putnam in organizing, the new site.

The budget also contained a substantial increase in grant expenditures to further avian education, science, and conservation in Central Oregon and surrounding areas. The grants program is being implemented by a committee led by Mary Oppenheimer, and we are hoping to increase our grant expenditures by year-end.

Terri Hyde, Treasurer

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Flight Training for Tree Swallow

Feed me, feed me, feed me
Hungry, hungry, hungry
Fooodood!

Look it, look it, look it
mosquitos
down here
near the water
under the bridge
over the bridge
carefully
(imagine a liquid gurgle)
you swift sweetie
Chatter, chatter, chatter, chatter
Marian Davidson



*Tree Swallows (Tachycineta bicolor) adult female feeding fledglings-Sawyer Park, Bend, Oregon-7/12/12-58933
Kevin Smith photo*

In Memoriam

Kim del Owen

January 12, 1958 -- May 16, 2015



Kim del Owen was born in Redmond, Oregon on January 12, 1958. As a youngster, he began birding with his family. When he was 5, he could accurately identify more than 20 species and had earned the "Pathfinder" birding honor from his church. After spending his younger years in NW Oregon and SE Washington, Kim moved back to Redmond in the early 90s.

For most of his life, Kim suffered from a degenerative bone condition which kept him from being able to work. This did not stop him from actively volunteering at his church, where he held titles like deputy director of the church club and counselor. Kim was an artist and attended Perry Technical Institute where he took courses in graphic arts. He was a fine photographer as well as a graphic artist, and his photos and drawings could be found on greeting cards and other stationary sold throughout Central Oregon.

Kim may have had some physical limitations but this did not affect his birding skills. Kim birded often and was even featured in a local news article as "The Birdman of Redmond". He managed to see 299 species of birds in Deschutes County, placing him 6th all-time in that county. (Number 299 was a Black-capped Chickadee seen just a few weeks before he died). Important sightings attributed to Kim included Central Oregon's only record of Western Gull, Jefferson County's second record of Northern Waterthrush, Crook County's only Palm Warbler report, one of the first records of Tricolored Blackbird in Deschutes County, Central Oregon's only Orchard Oriole report, Deschutes County's 4th record of Hooded Oriole, a rare summer record of White-winged Crossbill and most of the Common Redpoll sightings in the Redmond area. He was instrumental in opening the Redmond Water Treatment facility to the birding public and was the founder and administrator of the Redmond Christmas Bird Count.

Kim passed away on May 16, 2015 in Redmond, OR after a brief battle with brain cancer. He leaves behind many family members and an entire birding community that considered him one of their family. We all will miss him, and birding the Redmond area will always conjure wonderful memories of the ever-present Kim Owen.

Chuck Gates

A GOOD TIME WAS HAD BY ALL

ECAS held its 5th annual Dean Hale Woodpecker Festival on June 18-21. (For those of you with good memories, this was the 4th named in honor of Dean.) Once again the event was sold out. The 4-day Festival offered trips to Summer Lake, the Ochocos, and a number of woodpecker-centric trips around Sisters. New this year were Limited Mobility tours around Sisters and a Native Plant tour. Both trips proved to be very popular and will be added to next year's schedule.



Approximately 130 folks signed up, most local (Eugene, Salem, Portland), but some from as far away as British Columbia, California, Missouri, Idaho, Arizona, Washington, Minnesota, Massachusetts, and Texas. (Photo by Chuck Gates)

About 60 people, who enjoyed tasty food from Angeline's Bakery and an excellent talk by Rich Hoyer, a Senior Guide for Wings, on "Owls I Have Seen", attended the countdown dinner at the Belfry. Chuck Gates reprised his role as MC and did his usual stellar job!

Thanks to all the ECAS members/volunteers and DHWF steering committee members who worked so hard to make this year's event a success.

Ken Hashagen

The Oregon 2020 Project -- A New Volunteer Opportunity

Have you ever looked at a range map in a field guide and wonder how the authors know where those birds occur? Have you ever looked at a range map and said to yourself, "Wait a minute! I know that bird occurs in Central Oregon but it's not on the range map."? Have you ever just thought that range maps are simply best guesses and sometimes not all that accurate? If you said yes to any of those questions then you know two things; you've seen a field guide range map, and you know they aren't all that accurate. Wouldn't it be great to have range maps that were solely based on observations and actual local data? Well soon that will be possible in Oregon. As of last year, the Oregon 2020 Project has taken on the task of finding out which species actually occur here and how they are distributed. In case you didn't have the opportunity to hear OSU Professor Doug Robinson talk about Oregon 2020 at our May Birders' Night, here's how it developed.

Long story short; Doug moved to Oregon and began a professorship at OSU. Being a professor, he was required to do research. Being a dedicated and talented birder, he decided that research would be bird-based. He developed a plan to randomly select locations in Oregon to survey birds. Once the surveying was completed, he would take that data and layer it with vegetation data already available in statewide databases. Using extrapolation based on the correlation between the vegetation data and the bird survey data, he would then be able to create accurate range and distribution maps for the entire state. Thus the Oregon 2020 Project was born.

Since May of last year, Professor Robinson and a team of volunteers have been traveling the state, surveying those random locations. One goal is to be done by the year 2020 (hence the project's name). Other goals include:

- Establishing a state-wide, high-quality measurement of the abundance and distribution of Oregon birds;
- Using methods that can be replicated by all scientists today and into the future;
- Coordinating collaborative efforts between professional researchers and citizen scientists;
- Providing volunteer birders and citizen scientists with opportunities to contribute by counting birds and entering observations into eBird;
- Creating a training program to enhance the quality of data contributed by volunteers;
- Collaborating with interested parties to assemble and analyze existing data from established surveys such as the Breeding Bird Survey, Bird Atlas, and Avian Knowledge Northwest.

In one respect, Dr. Robinson got lucky. A complex system of gathering and collating data would have to be in place in order for this citizen science project to be practical. As it turns out, eBird came online just about the same time as his plans were coming together. eBird provides the platform for entering and distributing the data that will be collected by the Oregon 2020 team. There was no need to develop a user-friendly data collection system: eBird provided that, and Dr. Robinson took full advantage of its availability.

I'm sure you are asking, "How can I get involved?" and "What do I have to do?" The process is really very simple. Go to the Oregon 2020 website (www.Oregon2020.com) and click on the "Get Involved" button. You will see simple instructions on how to sign up.

You may want to get involved with the County Blitzes. These are concentrated, organized counts in selected counties. Click on the "County Blitzes" tab, and you will see an overview of this process. You will also see a list of counties to be surveyed in 2015. Once you've signed up, you will be assigned a few random 1-mile squares and asked to count as many of the birds as you can find in that square. You will be provided with detailed maps and a free smart phone app for finding the squares. Then it's a matter of getting out there and counting birds. You can use eBird to tally your results or simply record gps coordinates and bird numbers and send them to the Oregon 2020 team.

Is it too late to get involved with county blitzes this year? Yes, the final county (Wallowa) will be held at the end of June. This does not mean you can't participate until next spring. Anyone can go to the website, click on the "Get Involved" tab and read about how you can contribute any time of the year. And there will undoubtedly be more County Blitzes next year.

This is the perfect opportunity to contribute to our knowledge of Oregon birds. Go online and sign up for the Oregon 2020 Project. Sometime in the future, you will be looking at an accurate range map of Oregon birds and you can say, "I helped make that!"

Chuck Gates

SAVE THE DATE FOR THE ANNUAL EVENT

The 2014 Annual Event and Silent Auction will be held November 14 at the Bend Senior Center. Always a popular gathering with complimentary food and beverage, this year's program will be an exciting one featuring Roy Lowe, recently retired manager of the Oregon Coast National Wildlife Refuge Complex. He will present a program entitled "Seabirds of the Oregon Coast" accompanied by his wonderful photographs. And it is not too early to be thinking about donations for the silent auction. If you have items to donate or questions about the program, please contact Sherrie Pierce at sapierce@bendbroadband.com.



Pigeon Guillemots in courtship display. Photo by Roy Lowe.

ONDA's New Independent Stewards Program

The Oregon Natural Desert Association (ONDA), to which we owe the Oregon Badlands Wilderness Area, has recently established an Independent Stewards program that will train individuals to identify, prioritize, and conduct targeted restoration outside of ONDA group trips. The program will be launched in the fall with training sessions. Work will then focus on monitoring wilderness and wilderness study areas in the Prineville BLM district to assess conditions, identify potential stewardship projects, and provide input and leadership in prioritizing future restoration projects. If you are interested in this program, more information is available at <http://onda.org/get-involved/volunteer-1/ondas-independent-volunteer-program> or by contacting Sam Frank at sam@onda.org or 541-330-2638.

Birders' Nights

Everyone, ECAS member or not, is welcome at our free Birders' Nights held every month except July and December. Each meeting features announcements of coming birding events and unusual bird sightings before a talk on a topic of birding interest. Programs are held at The Environmental Center, 16 NW Kansas, Bend. Doors open for coffee, snacks, and conversation at 6:30pm, with the evening's program beginning at 7pm.

On August 20, local birder and educator Chuck Gates leads us through identifying the twenty (20!!) common, and a few not-so-common **Sparrows of Central Oregon**. Chuck will cover specific field marks, behavioral cues, migration patterns, behaviors and general "sparrow weirdness". The August 19 and 26 Wednesday Birders' trips will also focus on sparrows, providing an excellent opportunity to improve sparrow identification skills.

"Nerdfest III" will take place on October 15. This is a hands-on program for Birders' Night participants to share and experience an array of the latest birding technology and media opportunities including websites, software, and apps such as eBird (more on that in November), COBOL, I Bird Pro, and ABA Birding News. A sequel to Nerdfest I and Nerdfest II, this interactive program will further explore how birders are using technology to enhance their enjoyment of birding.

Tom Crabtree will cover **"eBird"** in more depth on November 19. Tom will provide hands-on instruction on how to use eBird, Cornell University's Laboratory of Ornithology online database program that has revolutionized the way birders maintain and access information about birds, track bird sightings, and contribute to science and conservation. Tom will walk us through setting up an account, entering sightings, and using the data in eBird to enhance our birding experiences.

What's Happening

- *Annual Picnic at Shevlin Park*. On July 16, ECAS members, and their friends, will follow the tradition of heading to our Annual Picnic rather than a formal Birders' Night. We have reserved the Shevlin Park picnic shelter, which is just inside the entrance on the south side of Shevlin Road, and will begin to gather around 5:30. Bring a dish to share, a table setting for yourself, and a drink of your choice. (Whether the park will allow alcohol without purchase of a special insurance waiver by ECAS is up in the air as Calliope goes to press, so check the ECAS Chatter for that important announcement.)

- *Field Trips* are over until fall. Watch for the announcement of Fall 2015 field trips in the September ECAS CHATTER. Each field trip is also announced on COBOL, the Central Oregon birding listserve. To sign up for COBOL, go to <http://lists.oregonstate.edu/mailman/listinfo/cobol>.
- *Wednesday Birders* continue to meet each Wednesday, generally at Nancy P's in Bend. The summer start time is 7am unless special times are posted. Be sure to check our website, www.audubon.org or COBOL for the exact starting time and place for each trip. Everyone is welcome, whether a beginner or an expert birder. There is no charge, but expect to carpool and chip in for gas.
- *Birding for Preschoolers* continues at 10am each Monday in Drake Park.
- *Fledgling Fun* is on vacation. It will resume in October Details at www.ecaudubon.org.
- *Young Birders of Central Oregon* is for young people 9-18 and supporting adults. Meetings and field trips happen at least once each month. For information, contact Annette Gerard at 541-385-1799.

Out of Town

The Oregon Shorebird Festival takes place in Charleston, between Coos Bay and Bandon, on September 4-6. This is a small, low-key festival sponsored by the US Fish and Wildlife Service, Cape Arago Audubon, and several other organizations. The autumn shorebird migration will be in full swing, and it is intense along this stretch of the coast. There's also a short (5 hour) pelagic birding option that's especially good for birders who are not sure whether they will enjoy birding in the seas off the Oregon Coast. Some do, some don't, but it's a lot better to find out on a relatively short trip.

Two other well-regarded birding festivals have announced their dates. The Monterey Bay Birding Festival will be held in Watsonville, California September 24-26, while the Rio Grande Valley Birding Festival will take place in Harlingen, Texas, November 4-8. Neither festival has yet announced its trips and speakers, and neither is yet open for registration. However, both areas provide fantastic birding, so you may want to keep checking their websites if California Condor or Aplomado Falcon is on your wish list. For the Condor (and Lawrence's Goldfinch) the web site is www.montereybaybirding.org, while for the Aplomado Falcon the web site is www.rgvbf.org.

Central Oregon Spring 2015 Field Notes

From the beginning of human speech and wonder, humans have sung the praises of the coming spring. Warming temperatures, leaves on the trees and, of course, the return of birdsong to delight both the singer and the listener. The spring of 2015 was eventful. The number of extreme rarities was not large but we certainly had some interesting reports. Those reports are summarized in the words below.

Waterfowl are perhaps the most iconic spring migrants. GREATER WHITE-FRONTED GOOSE numbers peaked with an estimated flock of 1100 at Houston Lake (Chuck Gates, 3/22). Houston Lake also produced CACKLING GEESE, SNOW GEESE and ROSS'S GEESE at various times. (Chuck Gates Mark Gonzalez, Snow = 3/20-29, Ross's = 2/20-22). Trumpeter Swans were located along the Crooked River west of Post (Chuck Gates, Rocky Minor, 4/2) and just south of Prineville (Chuck Gates fide, 4/3). A EURASIAN WIGEON was seen at Hatfield Lake for the better part of a month and was last noted by Jeff Nordstrom on 5/21. The first BLUE-WINGED TEAL of the season was seen at the Redmond Sewer Ponds on April 28 (Kim Kathol). Hatfield Lake produced an unusual GREATER SCAUP (Mark Gonzalez, 3/23) and a huge raft of the same species numbering over 85 individuals was spotted on Wickiup Reservoir (Peter Low, Lew Rems, 4/12). Low and Rems also reported up to 14 HORNED GREBES from the same location and time period. A single WHITE-FACED IBIS made the spring report this year (Hatfield Lake, 5/19, Lew Rems). AMERICAN BITTERNs returned to Houston Lake in Crook County where they historically have nested (Chuck Gates, 4/20). A single GREAT EGRET was located at Wickiup Reservoir (Lew Rems, 5/8) and Crook County's third record of GREEN HERON occurred with a sighting along the Crooked River south of Prineville (verified by Mark Gonzalez, 5/26). SANDHILL CRANES were found in Paulina (Tyler Groo, 3/6), Sisters (Sue Tank, 3/12) and Culver (Evan Thomas, 4/29).

Shorebirds and gulls often stop in Central Oregon for short feeding sessions on their way north. A BLACK-BELLIED PLOVER was spotted at Houston Lake (Lew Rems, Peter Low, 4/11) and the first SEMIPALMATED PLOVER report came from Hatfield Lake (Kim Kathol, 4/29). BLACK-NECKED STILTS showed up at Hatfield Lake (12 individuals, Tom Crabtree, 5/3) and Redmond Sewer Ponds (Kim Kathol, 4/23). Stilts are unusual in Deschutes County but AMERICAN AVOCET are even slightly more unexpected (1 bird, Hatfield Lake, Craig Miller, 5/1). LONG-BILLED CURLEWS were seen at Houston Lake (Jeff Marshal, 3/6), Agency Plains north of Madras (Peter Low, Lew Rems, 3/29) and Hatfield Lake (Courtney Jett, 5/18). Redmond Sewer Ponds continue to be the best spot for SOLITARY SANDPIPER with two reports (Steve Dougill, 4/22 and Kim Kathol, 4/29) and another bird was located at Hatfield Lake (Judy Meredith, 5/5). A WILLET was spotted by Lew Rems at Hatfield Lake (4/28) while 2 LESSER YELLOWLEGS made a noteworthy spring stopover at the Redmond Sewer Ponds (Steve Dougill, 4/23). SEMIPALMATED SANDPIPERS are difficult to identify but visit us every year and always make this summary. This year Craig Miller tallied that species on 5/1. The only SANDERLING seen this spring was at the Prineville Sewer Ponds (Mark Gonzalez, 5/4). FRANKLIN'S GULLS showed up at Hatfield Lake and were seen by many between 4/29 and 5/18 (Lew Rems, Judy Meredith, Merle Greenway, Courtney Jett...). Three HERRING GULLS were found at Wickiup Reservoir by Peter Low and Lew Rems (4/12). BLACK TERNS "terned up" at Haystack Reservoir (Tom Crabtree, 5/9) and near Haystack Reservoir (Evan Thomas, 5/31). Tom Crabtree also found a FORSTER'S TERN at Hatfield Lake (5/9).

Game Birds are not collectively considered migrants but they do start to breed in the spring. Often secretive, this group of birds call and display in the spring, exposing them to birders and making this the best time of year to spot the rarer species of this ilk. Steve Dougill heard a CHUKAR near Lower Bridge (4/4), and a drumming RUFFED GROUSE could be heard at Summit Road in the Ochocos (Chuck Gates Jeff Nordstrom, 5/21). A DUSKY GROUSE was heard on that same Summit Road by Russ Namitz (5/17). GREATER SAGE-GROUSE numbers are dwindling so it was nice to see up to 18 at the Millican Lek east of Bend (Don Harker, 3/27). At least one male continued to display on the lek until the end of May. Mountain Quail were tallied at multiple locations and on multiple dates in the Cascades and Ochoco Mountains (Chuck Gates, Scott Staats, Sue Tank, Jeff Nordstrom, Ken Johnson, Mike Golden). Four BAND-TAILED PIGEONS were discovered near Hosmer Lake by Courtney Jett (5/24).

Raptor reports were abundant this spring and some were a little more unusual than others. NORTHERN GOSHAWKS were located at Trout Creek Swamp (Steve Dougill, 3/23) and Pumice Springs (Kim Boddie, 4/16). A relatively small number of RED-SHOULDERED HAWKS were reported this spring with only two reports (north of Prineville, Patti Van Vlack, 3/29 and Sunriver, Judy Meredith, 4/1). Jim Moodie found a stray ROUGH-LEGGED HAWK near Brothers on May 14 for a very late record. The first SWAINSON'S HAWK of the year was found in Madras (Kevin Smith, 3/29). Judy Meredith reported a Peregrine Falcon at Hatfield (4/29). Nesting BARN OWLS returned to a barn on LaMonta Lane. In Prineville (Chuck Gates Jeff Nordstrom, 5/21) and FLAMMULATED OWLS were heard at Virginia Meissner SnoPark (Tony Kutzen, 5/14) and Steins Pillar Trailhead (Ian Tomlinson, 5/23). WESTERN SCREECH-OWLS were heard calling in Powell Butte (Chuck Gates, 5/10) and off of Skyliners Road west of Bend (Tony Kutzen, 5/30) while a single BARRED OWL was spotted by Diane Kook east of Bend (3/23). GREAT GRAY OWL reports came in from the GW Burn (John Reuland, 5/9), south of Bend (John Arneson, 5/24) and from LaPine (John Arneson, 5/24). NORTHERN SAW-WHET OWLS proved difficult to find this spring with a single report coming in from the Ochoco Mountains (Russ Namitz, 5/17) and a couple of birds heard in the Cascades west of Bend (Tony Kutzen, Courtney Jett, 4/29). Several Boreal Owls were reported near the High Lakes area and near Bachelor. Subsequent observers could not confirm these sightings but a team should be up there earlier in the spring next year to see if they can be found.

Let's clump nightjars, swifts, woodpeckers and hummingbirds into one group and talk about them here. COMMON POORWILLS began showing up around the first of May with a very early report from Horse Ridge in early April (Kevin Black-Tanski, 4/2). Tony Kutzen spotted a migrating BLACK SWIFT on Pilot Butte in Bend (4/18). The first CALLIOPE HUMMINGBIRD report was on 3/21 in Sisters (John and Anne Gerke). COSTA'S HUMMINGBIRD was almost annual for a while but it has been scarce in the last few years so a bright male photographed in north Bend was very exciting (Diane and Bruce Page, 4/13). BLACK-CHINNED HUMMINGBIRDS are hard to find in Deschutes County so two different birds from two locations in Bend was interesting (Jim Moodie, 5/24 and Tony Kutzen also on 5/24). AMERICAN THREE-TOED WOODPECKER is on everyone's list of most wanted woodpeckers. "3-toes" were located at Trout Creek Swamp (Steve Dougill, 3/23), Little Brown Mt. Burn (Lew Rems, 5/8) and the Pole Creek Trailhead (Ken Hashagen, 5/21). Trout Creek Swamp continues to be a go-to location for PILEATED WOODPECKER (Steve Dougill, 3/23).

We'll finish with the perching birds. A LEAST FLYCATCHER was at Lower Bridge on 5/23 (Steve Dougill). EASTERN KINGBIRDS were sighted near Paulina (Chuck Gates, 5/25) and at Steelhead Falls (Cindy Murray, 5/27). A PURPLE MARTIN was seen briefly by the Colorado Street Bridge in Bend (Craig Turner, 5/26) and a BEWICK'S WREN turned up at Wickiup Reservoir in March (Steve Dougill, 3/13). At one time, a Central Oregon BLUE-GRAY

GNATCATCHER report would cause quite a stir. Recent, rather regular reports now make this species more expected. Gnatcatchers were seen near Pilot Butte (Tony Kutzen, 4/13), Sawyer Park (Dave Tracy, 4/23) and SE of Haystack Reservoir (Colby Neuman, 5/25). Tony Kutzen became the first person to report a Blue-gray Gnatcatcher from Wheeler County on 5/25. Courtney Jett found several CHESTNUT-BACKED CHICKADEES near Cultus Lake (4/16). Mark Gonzalez found a NORTHERN MOCKINGBIRD in east Bend (5/11) while Peter Low located a BLACK-and-WHITE WARBLER at Indian Ford Meadow (5/8). While traveling to Malheur, Skip Russell found a BLACK-THROATED SPARROW singing on Horse Ridge east of Bend (5/24) and Bobbe Schaffer photographed a beautiful male ROSE-BREASTED GROSBEAK at her feeders in Powell Butte (5/22). Finally, Russ Namitz (holder of the current Oregon Big Year record) was able to locate PINE GROSBEAKS in two locations on 3/14 (Summit Lake Trail and Mt Bachelor).

Chuck Gates



Chestnut-sided Warbler Photo by Tom Lawler

Welcome New Members!
Thanks for your support!

Susan Cobb	Sisters	Lynda Paznokas	Bend
Don and Marilyn Davidson	Bend	Lydia Ortman	Bend
Tom Lyon	Bend	Patty Rosen	Bend
Lewis and Sylvia McFarland	Bend	Geoff and Barb Stearns	Bend
Beckie Moran	Madras	Signe and Gary Timm	Bend

<i>Board Members</i>		<i>Committee and Event Chairs</i>	
President	Ken Hashagen	Annual Event	Sherrie Pierce
Vice-President	Ted Groszkiewicz	Bluebirds	Ken Hashagen
Secretary	Sherrie Pierce	Birders' Night	Diana Roberts, Nancy Merrick
Treasurer	Terri Hyde	Communications	Jon Putnam
Board Members	Jan Rising	Conservation	Vacant
	Ted Groszkiewicz	Education	Mary Yanalcanlin
	Karen Gentry	Field Trips	Howard Horvath,
	Jon Putnam	Finance	Terri Hyde
	Kevin Smith	Green Ridge Raptors	David Vick
Summer 2015 Board Meetings		Lake Abert Study	Steve Dougill
July 7		Lewis's Woodpeckers	Diane Kook
August 4		Membership	Jan Rising
September 8		Newsletter	Mary Oppenheimer
Board meetings are held at 6pm at The Environmental Center on the first Tuesday of each month. All members are welcome to attend. Future Board meeting dates can be found in the activity calendar at www.ecaudubon.org . Board minutes are also posted at that site after approval by the Board.		Science	Vacant
		Summer Lake Survey	Steve Dougill
		Technology	Steve Dougill,
		Vaux's Swifts	Bob Johnson
		Volunteers	Mary Anne Kruse
		Wednesday Birders	Sherrie Pierce
		Woodpecker Festival	Judy Meredith
		Winter Raptor Survey	Howard Horvath
			Ken Hashagen
			Jeff Fleisher
<i>Contact information for Board members, Committee Chairs, and Project Leaders is posted at the "Contact Us" button on the ECAS website.</i>		<i>If you would like to volunteer for a committee or event, please contact Sherrie Pierce at 541-548-4641.</i>	

The East Cascades Audubon Society (ECAS) is a 501(c)(3) organization that furthers knowledge and appreciation of birds and their habitats through field trips, education, and field studies. Join ECAS and help preserve the birds of the Central Oregon region at www.ecaudubon.org.

EAST CASCADES AUDUBON SOCIETY

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