

Calliope Crier

The Yakima Valley Audubon Society is people dedicated to the enjoyment and preservation of the natural world. Through birding, education and conservation activities in our community, we raise awareness and promote the cause of global environmental protection.

Volume 46, Number 07

A Chapter of the National Audubon Society

August 2017



AUGUST PROGRAM **BILL DRENGUIS**

Quick, which is bigger, a Bald Eagle or a Golden Eagle?

Our Speaker for the August meeting is Jim Watson, abroad. His first research experience involved working and Washington ground squirrels. He has spent the past 40 he does: years studying raptors in the western United States and

Jim is a Wildlife Research Scientist with the Washington with a graduate student studying Golden Eagles in Colo-Department of Fish and Wildlife specializing in statewide rado, followed by research on Rough-legged Hawks in raptor studies but including work on Oregon spotted frogs Idaho, and Bald Eagles in Oregon. Here is the type of work

Species & Ecosystem Science — Raptor Ecology

Golden Eagle Contaminants, Residency, and Range Use

The Golden Eagle has been studied in Washington Spent ammunition consumed by foraging eagles has been Though the species has never bred in abundance in Wash- in Golden Eagles in Washington are unknown. ington compared to other western states, concerns about its several years, including the presence of environmental lead vanished from all but a few areas. In preparation for a state

and effects of reduced prey on nest occupancy and success. Necropsies performed on Golden Eagles at Washington State University between 1980 and into the 1990s indicated high levels of lead contamination in tissue samples (E. Stauber, unpubl. data). Acute and chronic blood toxicosis has been well studied in other large avian predators in recent years, particularly the California Con-

since the 1970s, when researchers investigated the distri- identified as a source of lead contamination in condors and bution and diets of the species along the Columbia River. eagles worldwide. However, sources of lead contamination

Declines in prey from habitat changes may also be constatus resulted in a designation as a Candidate species for tributing to reductions in the Golden Eagle population in listing. Potential causes of Golden Eagle declines in Wash- Washington. Jackrabbits, for example, were once common ington relate to changes in habitat quality during the past throughout shrub-steppe habitat in Washington, but have

> status review of Golden Eagles, we initiated this baseline study of nesting Golden Eagles to: 1) determine blood levels of lead; and 2) determine residency status and range size of breeding eagles. We initiated capture, blood analysis, and satellite tracking of Golden Eagles in 2004.



Wow, and that's his job! I think that we are all a little

dor (Gymnogyps californianus), where population effects jealous. Come join us on Thursday August 24th at 7pm, at from lead mortality have been significant. Lead toxicosis the Yakima Area Arboretum. results in impaired body functions and ultimately death.

The Yakima Valley Audubon Society meets on the fourth Thursday of January, February, March, April, May, August, September, and October at 7pm at the Yakima Area Arboretum, located at 1401 Arboretum Drive, Yakima, WA. Guests are welcome at these meetings. The Annual Meeting of the Society is held the first Thursday of December at 6pm. The Board of Directors meets each month except December at 7pm at locations announced in the Calliope Crier. Members may attend Board meetings; however, please notify the host because of possible space restrictions.



MEMBERSHIP JOY MCKINNEY

Welcome new members!

Judith Bennett, Sunnyside Nicholas Mejia, Mabton Antonia (Toni) Soto, Grandview

Thank you for renewing your membership!

Naches: John and Peggy Euteneier Seattle: Teri Martine, Jennifer Kaufmann

Union Gap: Lawrence Martin

Yakima: William Sable, Bill Drenguis, Bob and Carrie Chicken, Karen Ireland, Don Sattler, Ben Dover,

Susan Talbott, Becky Drew, Renee Navarette

Zillah: Eugene Miliczky



Aug 24 Audubon Chapter Meeting at the Yakima Area Arboretum at 7:00 pm. A great program should entertain and excite us! Sept 12 Board Meeting — Teresa Lorenz and Phil Fischer's house, 251 Rainbow Rock Lane, Naches. Car pool from Fred Meyer (near the mailbox and the bank at southeast corner of parking lot) at

View an expanded version of the August newsletter on the YVAS website at: http:// www.yakimaaudubon.org





PRESIDENT'S COLUMN KERRY TURLEY

Can our Federal and State Agencies simplify the maze of recreational fees?

have the proper access pass. I understand that there are \$80! These are available at the Naches Ranger Station. more than 20 different passes and permits in Washington, Currently research is being done on recreation fees and according to research by the William D. Ruckelshaus Cen- passes. A public survey is online now. The goal is to imter. No wonder people are easily confused about what prove "consistency, equity, and simplicity" in fees while passes they need for the public lands they want to visit and accounting for the cost of managing public lands. The plan the activities they want to participate in. Of course pri- is to gather feedback this summer, weigh the options this mary reason for these passes is lack of funding by the fall and present a recommendation from the work groups Congress and state legislatures of outdoor recreation pro- to state lawmakers by Dec. 1, 2017. grams, operations and maintenance especially.

are Forest Service sites where there are "parking fees," would like to see combined, and how much they're willing and most national forest trailheads with toilets and gar- to pay, among other questions. Participants can weigh in bage service require passes. Because congresses and ad- on options being considered for simplifying recreation ministrations prefer to put the cost of operations and main-fees. The survey is online at https://tinyurl.com/ tenance on to the users there are people who think it is <u>RecPassWA</u>. appropriate and others do not.

On top of all that, those of us 62 years old or older to molly.stenovec@wsu.edu.

I find it frustrating when I journey out to some distant have until August 28th to get those "senior passes" for place to do a little birding only to find out that I don't \$10.00. Beginning August 28th, those lifetime passes cost

The online survey asks about outdoor activities Wash-Most national parks have long had entrance fees. There ingtonians enjoy, passes they've purchased, passes they

Questions or suggestions also can be emailed

Are you ready for the Total Solar Eclipse on August 21?

ered by the moon.

at the sun without proper eye protection. You should be throated Blue Warbler in Yakima County!

As you have undoubtedly heard, and possibly read able to find eclipse glasses at stores in Yakima. Recently, about in last month's Calliope Crier, the United States will they have been seen at Lowe's Hardware and Fred Meyer. experience a total solar eclipse on Monday, August 21. If you can't find some, you can search online for how to People in Yakima will see just over 90% of the sun cov- view the eclipse by not looking at the sun but by projecting its image onto a piece of paper. Enjoy the spectacle You have also heard that you should not look directly carefully. This cosmic event is as rare as finding a Black-

Should forest fires be allowed to burn? What the Black-backed Woodpecker knows

BUCK MEADOWS, Calif. — With long strides, Chad T. suppress fires. That may, in the short term, help achieve the Hanson plunged into a burned-out forest, his boots kicking up scientific goal of having more fire on the landscape. But

powdery ash. Blackened, lifeless trees stretched toward an azure

Dr. Hanson, an ecologist, could not have been more delighted. "Any day out here is a happy day for me, because this is where the wildlife is," he said with a grin.

On cue, a pair of birds appeared, swooping through the air and alighting on dead trees to attack them like jackhammers. They were Black-backed Woodpeckers, adapted by millions of years of to feed their chicks.

The Black-backed Wood- Berger for The New York Times. pecker is one of the rarest birds in California, and lately it has become something more: a symbol of a huge scientific and political debate over the future of fire in American forests.

Scientists at the cutting edge of ecological research, Dr. Hanson among them, argue that the century-old American practice of suppressing wildfires has been nothing less than a calamity. They are calling for a new approach that basically involves letting backcountry fires burn across millions of acres.

In principle, the federal government accepted a version of this argument years ago, but in practice, fires are still routinely stamped out across much of the country. To the biologists, that has imperiled the plants and animals hundreds of them, it turns out — that prefer to live in recently burned forests.

Human lives are at stake, too. Firefighters die, more than a dozen in some years, putting out fires that many scientists think should be allowed to burn. Conversely, a shift toward let-

ting more fires rage is certain to raise fears about public safety weather still to go. in communities bordering forests.

Scientists contend that if money were redirected from fire- motivated by the view that forests should be seen as standing fighting into projects like fireproofing homes, those communi- timber with economic value. By the 1930s, industrial-scale ties could actually be made safer. But the politics of the shift techniques allowed firefighting agencies, including the United would be difficult, at best.

Climate complicates the picture. It is making wildfires more likely, essentially punching through the human effort to



evolution to live in burned-out Chad T. Hanson of the John Muir Project played the centuries before European setforests. They were hunting grubs a recorded woodpecker call while searching for tlement, but reams of evidence birds in Yosemite National Park. Photo by Noah



A Black-backed Woodpecker exploring for grubs in a burn on Bethel Ridge in Yakima County. Photo by Denny Granstrand

longer term, it could lead to profound changes in forests, potentially driving some creatures to extinction. The question coming into focus is simple, but answering it in the age of global warming will be a lifetime challenge for a rising generation of forest managers: How much fire is enough?

A History of Fires

Scientists are still trying to figure out how regularly forests burned in what is now the United States in suggest the acreage that burned was more than is allowed to burn today — possibly 20 million or 30

million acres in a typical year. Today, closer to four million or five million acres burn every year.

Scientists say that returning forests to a more natural condition would require allowing 10 million or 15 million acres to burn every year, at least.

"From an ecological standpoint, everything I've learned teaches me this is a good idea: Stop putting out fires," said Jennifer R. Marlon, a geographer at Yale who was among the first to use the term "fire deficit" to describe the situation. "These forests are made to have fire."

Yet in the few years when wildfires actually burn close to 10 million acres, that is seen as a national emergency, producing panicky news coverage portraying fires as devastating to forests. This year may turn out to be one of the more prominent recent years for fire; more than five million acres have already burned, temperatures are at record highs in parts of the country, and there are weeks of fire

Efforts to suppress fires began in the 19th century, largely States Forest Service, to suppress fires across the landscape.

Should forest fires be allowed to burn? Continued from page 3

A handful of scientists began arguing decades ago that this pointed to newly sprouted trees carpeting the forest floor. was a mistake. Over the past decade or so, the research has Butterflies flitted through lush stands of shrubs. The oncecrystallized into a new understanding of the role of fire in dense forest had taken on a parklike openness, essential for forests.

Hundreds of species can live in recently burned forest, researchers have learned, and many of them prefer these charred forests above any other habitat. Some beetles even have heat-sensing organs to detect forest fires from miles away, rushing toward them to lay their eggs in the just-burned trees.

Far from being calamities, fires are now seen by many experts as essential to improving the long-term health of the forests, thinning them and creating greater variability on the landscape. Yet that awareness has yet to pene-

A firefighter working on the Rim Fire near Yosemite National Park, CA, on Aug. 21, 2013.

trate the public consciousness. People still think forest fires animal habitats in North America. are bad and expect the government to try to stamp them out,

even in remote wilderness areas. Federal and state firefighting costs in some years approach \$2 billion.

Arguments for a new approach have yielded change in some parts of the country, such as the northern Rocky Mountains. But in California and many other areas, firefighters still try to extinguish virtually every blaze.

The battle over forest management may come to a climax in the next few years, though — and the Blackbacked Woodpecker could be one reason.

New Life Among the Ashes In two visits with a reporter

to the Sierra Nevada, in 2016 and 2017, Dr. Hanson made the patches of snag forest, are a good thing. case that letting more of the woods burn is essential to restoring the ecological health of forests.

Only a few years after the great conflagration known and in really big patches." as the Rim Fire burned more than 250,000 acres of California rejuvenation even in the most severely burned areas.

which sustained most of the damage from the Rim Fire, he



viewed as special places.

Vegetation on the forest floor in June in the Stanislaus National Forest. The area was one of those burned in the Rim Fire. Photo by Noah Berger of the New York Times.

"I would agree it's actually a valuable habitat type," Dr. North said. "It's just that he's arguing for way too much of it,

In cooperation with another group, the Center for Biologiforest near Yosemite National Park, Dr. Hanson cited signs of cal Diversity, Dr. Hanson's group in 2012 filed a petition to list the Black-backed Woodpecker as threatened under the On several hikes, mostly in Stanislaus National Forest, Endangered Species Act. They argued that fewer than 1,000

Dr. Hanson has made himself a thorn in the side of state and federal agencies, pestering and sometimes suing them. But gradually, they have begun to acknowledge that burned forests must be

certain kinds of plants to

trees, standing 80 to 100

feet tall and glistening black in the sun, made for a sight

both starkly beautiful and

called a snag, and Dr. Hanson calls any burned forest

where the trees have been

left alone a snag forest. His

group, the John Muir Pro-

ject of the Earth Island In-

stitute in Berkeley, Calif.,

has pressed the argument

over the past decade that

snag forests are among the

most important plant and

Any standing dead tree is

Still, the dead, leafless

thrive.

disconcerting.

Still, considerable disagreement remains among scientists about exactly how forests should be managed. Dr. Hanson studied under Malcolm North, a Forest Service scientist who also holds a position at the University of California, Davis but the two men have come to disagree. Dr. North argues that Dr. Hanson goes too far in arguing that even the most severe fires, those that produce some large



September 9 (Saturday) — **Washtucna and Surrounding Vagrant Traps** led by Eric Heisey. Washtucna and surrounding areas have hosted a multitude of vagrant birds from eastern North America over the years. This trip will give participants a good chance to see rare birds! We will be visiting Washtucna, Kahlotus, Hooper, Lyon's Ferry, and several other Snake River parks. This will be an all day trip, so make sure to bring a lunch and dress for warm weather. We will be meeting at the Granger Arco at 6:45 am, I would like to be leaving by 7:00 am. If you are interested in going on this trip please email Eric at magicman32@rocketmail.com for the meeting time and place.



September 30 (Saturday) — Sunrise-Mt. Rainier led by Andy and Ellen Stepniewski. This will be the fourth in a series of Yakima Valley Audubon Society "natural history" trips led by Andy and Ellen this season. The first on March 25 targeted the shrub-steppe, the second on June 10 the lower forest zones (Oregon White Oak, Ponderosa Pine, Interior Douglas-fir, and Mixed-conifer), the third on July 15 the Subalpine. This trip will head to the Alpine Zone, featuring the treeless land above the trees. We plan a 7-mile hike in Mt. Rainier National Park from Sunrise to Fremont Lookout, where White-tailed Ptarmigan has often been seen. A very early start is planned to beat the crowds. Contact Andy at steppie@nwinfo.net for more info, including a the meeting time and place.

Should forest fires be allowed to burn? Continued from page 3

breeding pairs might be left across Oregon and California.

Under the Obama administration, biologists at the United States Fish and Wildlife Service declared that protection for the bird might be warranted, but it is unclear what the Trump administration will do with the proposal. It faces a Sept. 30 groups are likely to sue.

A listing for Black-backed Woodpeckers would almost creating a political backlash. certainly require a new approach to forest fires that would lucrative, and scientifically controversial, practice of logging trees just after a fire might well be banned across large areas, many types of creatures, including the woodpeckers.

Scientists who want to let more fires burn take pains to line. In fact, they believe the government could make people fire-safety projects.

They also point out that many people are putting themselves at risk by building homes in remote, fire-prone areas without taking essential steps to make the homes fire-resistant, like installing metal roofs. Extensive research shows that homes with little damage, but rural communities have hesitated to adopt strict building codes.

"People like to do whatever they damn well please on their own land," said Timothy Ingalsbee, a former firefighter who now runs an advocacy group, Firefighters for Safety, Ethic

and Ecology. "But when a wildfire comes, they're calling Uncle Sam saying, 'Please, come save me."

The argument for more fires will be especially difficult in California, the most populous state in the nation at 39 million people. Air quality is already poor across large parts of the deadline. If the petition is turned down, the environmental state, and fires burning many miles away can produce smoke and haze that aggravate asthma and annoy people, potentially

Randy Moore, head of the Forest Service district that covinclude allowing some fires caused by lightning to burn. The ers California, said in an interview that the agency was taking the recent scientific work seriously. In a milestone, it is drafting plans for three national forests in California that may call since those dead trees turn out to be important habitat for for allowing fires caused by lightning strikes to burn in some remote areas.

"We need to move toward fire as being not necessarily an make clear that they do not mean to put people's lives on the enemy," Mr. Moore said. Dr. Ingalsbee believes another force is going to drive change in the nation's fire policies, perhaps safer than they are today if it redirected funds into community more so than any argument over woodpeckers. The families of wilderness firefighters who died on the job once tended to accept their lot resignedly, but some are starting to sue, asking why the government is defying the latest science in a risky attempt to extinguish remote fires.

"The lives of young people are not worth saving trees that wildfires will usually leave properly built and maintained really need to burn anyway," Dr. Ingalsbee said. "Families are no longer going to be mollified by politicians showing up at the memorial talking about their fallen heroes."

> Article by: Justin Gillis of The New York Times Article is used with permission

YVAS natural history field trip to Sheep Lake finds 70 species of plants, and some birds, too

The wildflower spectacle in the Cascade Mountains

attracts millions of visitors from all around the world to Mt. Rainier and Olympic National Parks, and a number of other mountain areas. We made this wildflower extravaganza our destination on Yakima Audubon's third "Natural History Outing" this year. Six keen hikers met on a beautiful Saturday morning to head out from Chinook Pass to Sheep Lake. This trek featured the Subalpine Zone, which is on grand display on this hike. Fortunately, most of the snow had melted and we encountered only a few patches along the way and these were easy to surmount. Being a Saturday, the trail was busy and, too, there were quite a few dogs, as the trail is not in the national park.

The Subalpine Zone is the area of forest, colorful meadows, and rocky slopes that lies below the treeless Alpine Zone. Climbing in elevation along the east slopes of the Cascade Range, precipitation, particularly annual snowfall, increases tremendously. Chinook Pass averages about 550 inches each winter, compared to Yakima's 24 inches. That's about 46 feet of snow! Obviously, that's not all at one time, but coming down in repeated storms from November through April. A notable feature of the Cascade snowpack is its long duration, some of it not melting until Jun or July. Thus, snow may remain on the ground for eight or more months each year. Obviously, this immense snowpack limits plant growth. The upper edge of the continuous forest line marks about the beginning of the Subalpine Zone. Tree cover diminishes in height and density above his elevation and shrubs such as huckleberries, mountain ash, and white rhododendron increase. Higher yet, tree cover begins to occur only in clumps, surrounded by shrub cover or flower

Auduboners rest and enjoy the splendor surrounding Sheep Lake



Western Anemone decorates the trail near Sheep Lake



A bouquet of penstamen decorate a boulder near Sheep Lake

meadows. Our trail encountered several "communities" in the subalpine zone. The prettiest, on

account of the wildflower display, is the "parkland," the flowery meadows between trees found along the trail's beginning and again near Sheep Lake. Beyond the initial stretch, the trail contours along steep, south-facing slopes, through brushy thickets (mountain ash and dwarfed Alaska yellow-cedar) alternate with short stretches of parkland. This mosaic presumably is because of changes in subsurface moisture or soil depth. In a few areas very rocky areas, elements of lower dry forest and even steppe zones occur with species such as buckwheats, kinnickinick, and stonecrop. Birds in this habitat were Steller's

Jay, American Robin, and Western Tanager. Family groups of both Chip-

ping Sparrows and Dark-eyed Juncos were heard, too.

Rounding a bend in the trail and changing aspect from south to east, we noted an abrupt change in the subalpine forest, to a much more somber, closed community, dark and shady, with lingering snowbanks. Pacific silver fir and white rhododendron were in this area. Birds we tallied here included a drumming American Three-toed Woodpecker, Chestnut-backed Chickadee, Goldencrowned Kinglet, and Townsend's Warbler.

At Sheep Lake, again in parkland habitat, we saw or heard Clark's Nutcrackers, Rufous Hummingbirds (at the gorgeous cliff penstemons on the nearby bluff), and Lincoln's Sparrow.

Along the trail, we studied the many plants. Dotty remarked "I can't ever recall seeing so much variety." None of us were expert botanists, so quite a number of plants were identified only to the genus level. Still, we tallied about 70 species, pretty good we thought for amateurs!

| Yakima Valley Audubon Society Membership Join/renew my annual membership to) the Yakima Valley Audubon Society to receive 10 issues of the Calliope Crier and all chapter benefits. National Audubon membership and Audubon Magazine are not included. | | | | |
|--|------------------------------------|--|--|--|
| Yakima Valley Audubon Society Membership | e check one)\$ 15.00 per household | | | |
| New Member (please check one) | | | | |
| In addition to my membership payment of \$, my check includes an additional donation of \$ I do not want to receive any solicitations or communications from NAS (please check if applicable) I prefer to read the Crier online and not receive my copy by mail (please check if applicable) Please make any corrections to your contact information as needed. | | | | |
| NAME | PHONE | | | |
| ADDRESS | | | | |
| CITY S | TATE ZIP | | | |
| Email address | | | | |
| Please return this form and your check payable to: YVAS Membership, P.O. Box 2823, Yakima, WA 98907 | | | | |
| | | | | |

If you have any membership questions, contact Joy McKinney at joycatbird@gmail.com or 698-4110.

2017 YAKIMA VALLEY AUDUBON OFFICERS AND BOARD

| President | Kerry Turley (kdturley@gmail.com) | 840-0980 | Membership | Joy McKinney (joycatbird@gmail.com) | 698-4110 | |
|-------------------------------------|--|----------------|----------------------|--|-----------------|--|
| Secretary | Vera Backstrom (vback47@gmail.com) | 731-2103 | Newsletter Editor | Elizabeth Bohn (elizabethannbohn@yahoo. | 901-1886 | |
| Treasurer | Karen Zook (gadzooks7@charter.net) | 225-9494 | Programs | Bill Drenguis (bdrenguis@gmail.com) | 965-5808 | |
| Directors: | Bob Chicken (robertchicken@msn.com) | 457-2014 | Fund Raising | Dan Kinney (insur3@gmail.com) | 452-3260 | |
| | Phil Fischer | 731-0211 | | | | |
| | (pcfischer@gmail.com) Special Comr | | Special Committees | | | |
| | Denny Granstrand (dgranstrand@gmail.com) | 453-2500 | Bird Rehabilitator | Connie Hughes (owlbirdlady@gmail.com) | 457-5661 | |
| | Reneé Navarrete | 654-9646 | Bird Reports | Denny Granstrand | 453-2500 | |
| | (renee@digitalcardboard.com) | | 2 | (dgranstrand@gmail.com) | | |
| | Ken Tolonen | 965-4584 | Important Bird Areas | | | |
| | (8rivard@gmail.com) | | Publicity | Vacant | | |
| | , | | Social | Vacant | | |
| Standing (Voting) Committee Chairs: | | Volunteer Rec. | Vacant | | | |
| Refuge Keeper | Kerry Turley (kdturley@gmail.com) | 840-0980 | Webmaster | Reneé Navarrete (renee@digitalcardboard.ca | 654-9646 om) | |
| Bluebird Trail | Richard Repp | 945-3833 | Website | www.yakimaaudubon.org | , | |
| | (bbirder247@aol.com) | | Toppenish CBC | Eric Heisey | | |
| Conservation | Andy Stepniewski | 949-7404 | 11 | (magicman32@rocketmail. | com) | |
| | (steppie@nwinfo.net) | | Yakima Valley CBC | Denny Granstrand | 453-2500 | |
| Education | Ellen Stepniewski | 731-6805 | , | (dgranstrand@gmail.com) | | |
| | (steppie@nwinfo.net) | | YVAS Email | (birds@yakimaaudubon.org | g) | |
| Field Trips | Scott Downes (downess@charter.net) | 469-7807 | YVAS Facebook | (http://www.facebook.com/ yakimaaudubon/?fref=ts) | | |

The case of the migrating Warbling Vireo One short visit to our yard, then off on a long journey.



The Warbling Vireo in the photo was seen in Oak Creek Canyon on May 23, 2015.

While we sitting at our patio table with friends on August 17 and enjoying some of Chris's blueberry crisp, a Warbling Vireo landed near us in our cedar tree. Unfortunately, I was the only one at the table who got a good look at it. It was nice to see it in our yard and it was the first one I have seen in Yakima County this year.

This was certainly a bird that is just starting its migration to wintering areas in central to southern Mexico and Central America. That is a long, perilous journey for such a small bird but it is one that is undertaken by many of the species that nest in Yakima County, including the hummingbirds.

May they all have a safe journey!

— Denny Granstrand —

Coming Attractions: Aug 24 YVAS Chapter Meeting Sept 14 Washtucna, etc., rarity field trip Sept 30 Sunrise-Mt. Rainier field trip