

Jun  
2017

# The BELLOWS

*Near, far and in between trips keep shooters happy*

## Many, Many Spring EPS Field Trips

**S**pringtime is a busy time for most photographers, but even long-time members of EPS can't recall as many Field Trips in one month as our club has assembled this year. Yet, no one is complaining because that's what we're all about.

This issue will try to document some of the places and things our gang captured this last month. If you were not out and about collecting some images like the ones shown here you've no one to blame except yourself.

The little mantra under the photo has been repeated often by EPSers. But Lady Luck is fickle and unpredictable, so you always have to be prepared like **Gina Reynolds** was to instantly take advantage of these two little lucky's.



Gina Reynolds-photo

*"Light is your subject, color is your partner, but Lady Luck can be your best buddy."*

## Tetons, Best Attended Long Field Trip

**T**wo, three, four or more, it doesn't matter how many times you've been to a prime shooting location like the Grand Teton or Yellowstone National Parks, "It's never the same" is the usual comment and that observation was true once again as a gaggle of EPSers descended upon the parks this past month.

This time the trip was more unusual than normal because of late, very heavy winter weather with results still in effect in both parks. One sad story said it all about the severity of that late storm. A park Ranger reported that the park antelope herd of about 100 animals got caught in the unexpected heavy snow and ice and only two survived.

Wild flowers and much of the wildlife were three weeks behind what the locals called normal for this time of year. However, EPSers proved their flexibility on this trip and still found plenty to keep their

*continues on next page*

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## ***Teton Trip continued:***

cameras busy.

The previously best attended long EPS trips were in 2005 when twelve members spent a long weekend in the Palouse area with the Blue Mt. club in Walla Walla, and in 2008 when twelve took a train ride to the Chinese and Japanese gardens in Portland.

Bob Roelke-photo



When heads were counted we had seventeen members and two guests in ten vehicles for five days making a grand photo trip in a grand location that will be remembered for many years.

Seventeen "Thank Yous" go to **Graham Smith** for having the idea and doing a great job as co-leader for the Teton trip.

*Bruce Bittle*



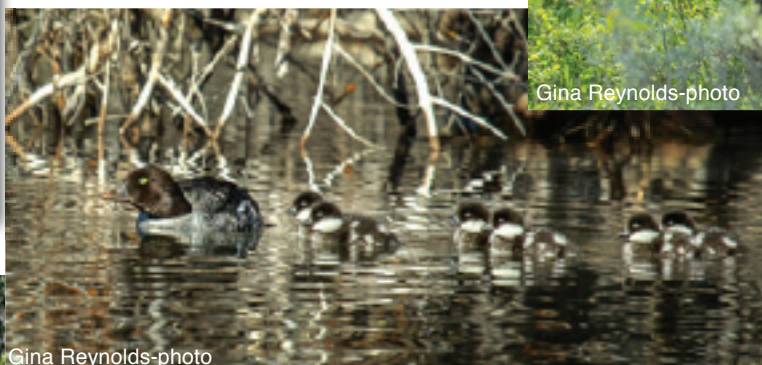
Bob Roelke-photo



*More field trip photos  
on next page*



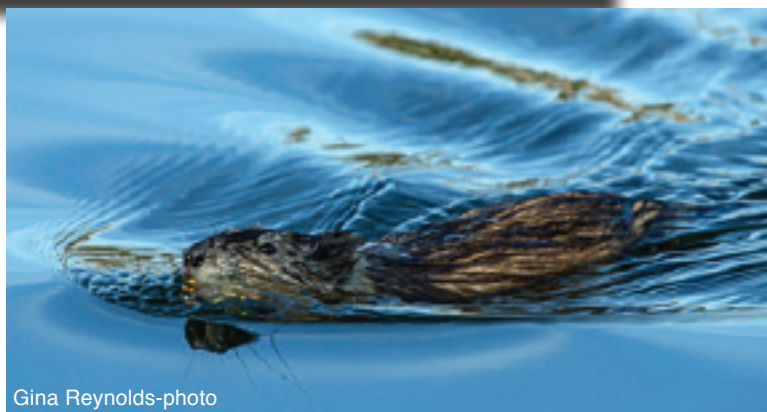
Gina Reynolds-photo



Gina Reynolds-photo



Bob Roelke-photo



Gina Reynolds-photo





## *Teton – Yellowstone concluded*



Joe Jagelka-photo



Ron Seguin-photo



Jim Mehrwein-photo



Sue Mehrwein-photo

## *EPS South Coast Trip*



Rick LeBrun-photo



Rick LeBrun-photo

*More Field Trip Photos next page*





Rick LeBrun-photo



### *Malheur Wildlife Refuge Trip*

Rick LeBrun-photo



Rick LeBrun-photo



### *Smith Rock Trip*



Jim Buch-photo



Jim Buch-photo

### *Tall Ship Trip*



Tom Bruno-photo

### *Victoria, BC Trip*

Tom Bruno-photo



Tom Bruno-photo

### *Palouse Trip*



Kevin Reilly-photo

*Backyard model railroad 1/22 scale.  
All trees, shrubs, landscaping are to scale and LIVE!*





## Ridgefield WR – Cedar Creek Grist Mill Trip



Graham Smith-photo



Graham Smith-photo



Graham Smith-photo

**"I can fix that!"** A monopod comes in handy to push rain-soaked leaves up away from the center of interest in this mill shot.

**"Yup, that fixed it!"** This mill has been in operation since 1897, but now only works on weekends.



## Club News

### Remaining EPS Field Trips

Duchess Horse Sanctuary (12 members needed) - *A. Adam*

- **June 17**

Eclipse Rehearsal - *T. Smith*

- **July 7-11**

DDD Photo Game Farm, Kalispell, MT - *G. Smith*

- **July 15**

Eclipse rehearsal - *T. Smith*

- **August 12**

- Sweet Creek Falls - *A. Adam*

- **August 21**

Solar Eclipse - Everyone for themselves - Good luck!

- **September 16**

Masonic Cemetery - In conjunction with Ed Night - *A. Adam*

- **October 21**

Japanese Gardens Portland - *A. Adam*

- **November 18**

The Dalles Exploration w/ Maryhill Moon Shoot / Alford Desert - (Alt. Deerhorn property) *A. Adam*

- **December** - TBA

### EPS 2018 Calendar Information



**Theme:** North American Birds

**Finished Size:** 13.5" tall 12.5" wide (Nearly square format-shoot vert. or horiz.)

**Gutter: (Fold)** 5" from bottom edge (Can pass thru feet & feathers, not head)

**Due Date:** Second club meeting on September 14th

**Finished Price (est.):** \$7

**Thirteen winners:** Each get 5 free

**Bird must be doing something! Bird-on-stick will not win, unless in snow.**

### EPS Officers

*President –*

**Dave Horton**

*Vice President –*

**Stephen Franzen**

*Secretary –*

**Tom Bruno**

*Treasurer –*

**Kevin Reilly**

*Webmaster –*

**Mike Van De Walker**

*Challenge Night Chair –*

**David Putzier**

*Education Night Co Chairs –*

**Tom Bruno, Jon Parker,**

**Susan Starr**

*Competition Chair –*

**Hernando Convers**

*Back up –* **Mark Gotchall**

*Photo Forum Chair –*

**Kurt Pratt**

*Critiquing Chair –*

**Bob Petit**

*Board Members at Large –*

**Jeff Green, Graham Smith,**

**David Winther**





## Higher Resolution Soon For TVs, Smart-Phones, Cameras

**R**esearchers at the University of Central Florida have developed a new color changing surface, tunable through electrical voltage -- a breakthrough that could lead to three times the resolution for televisions, smart-phones and other devices.

Video screens are made up of hundreds of thousands of pixels that display different colors to form the images. With current technology, each of these pixels contain three sub-pixels -- one red, one green, one blue.

Now, this scientific advancement in a lab at UCF's NanoScience Technology Center may eventually make that model a thing of the past. By applying differing voltages, they are

able to change the color of individual sub-pixels to red, green or blue -- or gradations in between.

"We can make a red sub-pixel go to blue, for instance," researchers said. "Now a single pixel can be tuned to any color across an [entire] color gamut."

Also, by eliminating two of every three pixels "You can have a much smaller area that can do all three." And because there would no longer be a need to turn off some pixels to display a solid color -- the brightness of screens could be much greater.

Researchers have created an embossed surface resembling an egg crate, covered with a skin of reflective aluminum that allows a full range

of colors to be achieved with a single nanostructure.

The nanostructure surface can be easily integrated with existing display technology, so the underlying hardware wouldn't need to be replaced or re-engineered.

"It allows you to leverage all the pre-existing decades of LCD technology. We don't have to change all of the engineering that went into making that," researchers said.

The researchers are now taking steps to scale up their displays in preparation for bringing the technology to the private sector.

*Science Daily, May 25, 2017*  
*Source: Univ. of Central Florida*



## Lithium-ion Battery Fires Solved - Less Cost, Weight, Size

**U**niversity of Maryland researchers are developing game-changing solid-state battery technology, and have made a key advance by inserting a layer of ultra-thin aluminum oxide between lithium electrodes and a solid non-flammable ceramic electrolyte known as garnet.

"This is a revolutionary advancement in the field of solid-state batteries -- particularly in light of recent battery fires, from Boeing 787s to hoverboards to Samsung smart-phones," said Liangbing Hu, associate

professor of materials science and one of the authors of the paper. "Our garnet-based solid-state battery is a triple threat, solving the typical problems that trouble existing lithium-ion batteries: safety, performance, and cost."

In addition, the high stability of these garnet electrolytes enable the team to use metallic lithium anodes, which contain the greatest possible theoretical energy density and are considered the 'holy grail' of batteries. Combined with high-capacity sulfur cathodes, this all solid-state battery technology offers a potentially

unmatched energy density that far outperforms any lithium-ion battery currently on the market.

"This technology is on the verge of changing the landscape of energy storage increasing the flexibility of how and when energy is used. These solid-state batteries will both increase the safety and decrease size, weight, and cost of batteries," said Eric Wachsman, director of the University of Maryland Energy Research Center.

*Science Daily, Dec. 20, 2016*  
*Source: Univ. of Maryland Energy Research Center*



### ATTENTION EPS MEMBERS

*We Have A Club Print Show At The Courthouse All This Month*

*125 East 8th Avenue Eugene*

*Doors (by the flag poles) are open weekdays 8 - 5*





# 4Cs Convention, October 6-7, Ashland, OR

**SAVE THE DATE!**

October 5-8, 2017

## Columbia Council of Camera Clubs **Photography Convention**

in beautiful Ashland, Oregon

Keynote Speaker & Workshops by **George Lepp**



### **Workshops by:**

David Vanderlip (Lightroom & Photoshop Instruction)

Gordon Battaile (Surreal Photography)

Michael Anderson (HDR)

Deb Harder (Portrait Photography & Travel)

David Lorenz Winston (Ashland Alleys)

"Photo Joseph" Joseph Linaschke (Mirrorless Cameras)

Lewis Anderson (Textures in Photoshop)

Glen Bledsoe & Chris Taylor (Infrared Photography & Compositing)

Kat Sloma (Cell Phone Photography)

Christopher Briscoe (Drone photography)

Field Trips and more!

### **Public Invited!**

Convention will be held at Southern Oregon University's Stevenson Union

[www.columbiacameraclubs.org](http://www.columbiacameraclubs.org)

Email: [sopacameraclub@gmail.com](mailto:sopacameraclub@gmail.com)







## Q & A With Tim Grey



**Q:**

*I would like to be able to flip an image in Lightroom. Is it possible?*

**A:**

Flipping an image is not possible in Lightroom. You can rotate an image, but not flip it.

Correction:

[I'm] never wrong, but today [I'm] wrong. It's easy to flip a photo in Lightroom

I was indeed wrong when I said you couldn't flip a photo in Lightroom. You can flip by selecting a photo, then choosing Photo on the menu followed by either Flip Horizontal or Flip Vertical. You can also right-click on the full-size image in the Develop module and choose Transform followed by either Flip Horizontal or Flip Vertical from the popup menu.

**Q:**

*In Photoshop, is there a way to copy a portion of the image, and then "flip it" (left to right) for pasting elsewhere in the original image?*

**A:**

Yes, indeed. You can simply Select a desired area, [Copy then Paste. This will automatically place the copied area on a new active Layer. No marching-ants will appear, but it can be moved with the Move tool. Then under Edit and on the drop-down go to] Transform or Free Transform and flip horizontally or vertically then Move into position.

[Then under Layers and on the drop-down, Click Merge Down or Merge Visible to combine onto a common layer.]

Sharpening enhances variations creating greater contrast and therefore a stronger appearance of sharpness.

The Smart Sharpen filter generally does a pretty good job in this regard, but it can still fail to protect smooth areas which the Unsharp Mask filter can.

Generally I use the Smart Sharpen filter in Photoshop [first] to sharpen my images. However, images [with] very smooth areas (such as a clear sky) that I want to preserve, I'll check those areas and if the result is problematic, I'll cancel and switch to the Unsharp Mask.

By increasing the Threshold setting value to around 8 or so will mitigate the sharpening effect adequately in smooth areas. Start there, then fine-tune as needed to sharpen where it's needed and not in the smooth areas of your photos.



**Q:**

*Can you tell us whether we should be concerned that the Nik Collection will stop working with Photoshop?*

**A:**

I think there is most certainly a reason to be concerned that the Nik Collection will no longer function well in the near future. You should begin looking for alternative solutions if you are currently using any of the tools in the Nik Collection.

**Q:**

*Why would you ever choose Unsharp Mask over Smart Sharpen in Photoshop?*

**A:**

The reason to use Unsharp Mask rather than Smart Sharpen is to avoid noise in smooth areas. Smart Sharpen filter is "smart" in this regard, [but] is lacking the Threshold control available with Unsharp Mask.

Sharpening as a process for adding contrast where contrast already exists. Example: texture in a photo is created by variations in pixel values.

*Tim Grey currently publishes the monthly on-line magazine PIXOLOGY. He is a top educator in digital photography imaging, offering clear guidance on complex photo subjects. Tim has written many books, hundreds of magazine articles and is a member of the Photoshop World Dream Team.*

*[Ed Note: Articles are reprinted with permission & abridged to fit available space.]*





## What To Know

### NEW MEETING LOCATION

Northwood Christian Church  
2425 Harvest Lane  
(Corner of Harvest Lane  
& Hayden Br. Road, Springfield)

**New Meeting Night  
THURSDAYS**

#### June 2017

- 1 Challenge Night - Theme "spring"
- 8 Ed. Night, TBA
- 15 Print & Digital Competition night
- 22 Photo Forum Night, Q & A, Demo
- 29 EPS Board Meeting All welcome

*No EPS  
Meetings in  
July & August  
Happy Summer Shooting*

#### September 2017

- 7 Challenge Night - Theme TBA June 1
- 14 Ed. Night, TBA
- 21 Print & Digital Competition night
- 28 Photo Forum Night, Q & A, Demo

#### Octoberber 2017

- 5 Challenge Night - Theme TBA Sept. 7
- 12 Ed. Night, TBA
- 19 Print & Digital Competition night
- 26 Photo Forum Night, Q & A, Demo

## Where To Go

### • At the Courthouse

The Emerald Photographic Society has a show in the Harris Hall Lobby at the Lane County Courthouse, 125 E 8th Ave. in Eugene for the month of June. The lobby is open 8-5 weekdays. Show went up the 1st, and comes down the 30th.

### Got a show? We want to know!

Have your photos  
been published?

- Magazines
- Brochures
- Newspapers
- Scientific Journals

Send complete details to:  
<bittled70@gmail.com>

*"If you don't blow your own horn,  
somebody else will use it  
for a spittoon."*

Ambrose Bierce

## Classified

**Classified Ads  
Free to all  
EPS members**

This  
Space  
Available

### BEST PRICES in town EPS WHOLESALE print show supplies

**\$7 MATS (16"x 20" OD).**  
Double whites, acid-free  
surfaces with stiff backers.  
*Center-cut with 10"x 15"  
or 12"x 16" openings.*

**\$14 WHITE MATS BLACK CORE**  
*Available only with 10"x 15"  
center-cut opening.*

**\$17 FRAMES (16"x 20" OD).**  
Black or Silver aluminum,  
with hardware & glass.

**\$5 TRANSPORT BOXES**  
for framed images.  
(some assembly req.)

**\$2 from each mat, frame  
or box purchase  
goes to EPS.**

**Contact:**

Bruce Bittle 541.343.2386

**FREE Delivery to club meetings!**

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## *EPS Preferred Vendors*



Show your membership card to these vendors for nice discounts.  
Be a good ambassador for EPS each time you receive these discounts  
by letting these folks know how much you appreciate their support.



### **Dotson's Camera Store**

1668 South Willamette Street

15% Discounts on in-house processing (including slide processing)

*Your camera's home  
away from home*

### **Focal Point Photography**

161 West Ellendale, Dallas, OR

Equipment Rentals, Trade Ins, discounts on most items Call Mike Lowery, 503.623.6300

### **Oregon Gallery**

199 East Fifth Avenue, Eugene

15% discount on all matting and framing

### **Red River Paper**

Professional quality papers of all types for much less than printer mfg. brands

10% rebate to EPS when ordered directly from our web site

### ***The Shutterbug* Camera Stores**

Two Stores 207 Coburg Rd. & Valley River Center

10% discount on photo accessories and photo finishing

**NEW**

### **TechMedic**

EPS Preferred Vendor

### **Apple Mac Computer Technicians**

2125 W. 7th Ave (Big "Y" Center)

541•484•3603

**NEW**

### **U of O Bookstore Art Department (Basement)**

Corner of 13th Ave. & Alder St.

20% discount on all art supplies

### **Web Mats & Frames / Vistra Gallery**

411 West 4th Street, Eugene

20% discount on printing, matting & framing, Up to 30% on orders over \$500